



17TH WORLD CONGRESS ON PUBLIC HEALTH 2023 May 2-6 ROME ITALY

ABSTRACT BOOK



Abstract book by:





ORGANISING COMMITTEE

CMC

The three organising partners of the 17th World Congress on Public Health established a Congress Management Committee (CMC) consisting of representatives of WFPHA, SItI, ASPHER and the PCO. The CMC has the full managerial and financial management responsibility for the Congress.

Chair: Walter Ricciardi

Members:

Luis Eugenio de Souza – WFPHA
 Bettina Borisch – WFPHA
 Marta Lomazzi – WFPHA
 Italo Angelillo – SItI
 Antonio Ferro – SItI
 Roberta Siliquini – SItI
 Carlo Signorelli – ASPHER
 John Middleton – ASPHER
 Robert Otok – ASPHER

ICC

The International Congress Council (ICC) consisted of the Congress Management Committee and international public health experts representing various regions of the WFPHA, international health organisations, European health non-governmental organisations and Italian universities and institutes. The ICC in particular develops, in consultation with the CMC, the scientific programme including subthemes and plenary programme of the WCPH and identify speakers/panellists/moderators of the plenary sessions.

Chair: Walter Ricciardi

Members:

Mohannad Al Nsour (Jordan)
 Elena Alonzo (Italy)
 Woldekidan Kifle Amde (South Africa)
 Yaneer Bar-Yam (USA)
 Maurício Barreto (Brazil)
 Stefan Buttigieg (Malta)
 Mary Codd (Ireland)
 Kasia Czabanowska (The Netherlands)
 Maria Saenz Del Rocio (Costa Rica)
 Enrico Di Rosa (Italy)
 Alberto Fedele (Italy)
 Rok Hrzcic (Slovenia)
 Gregory Kolt (Australia)
 Rüdiger Krech (WHO)
 Jose M. Martin-Moreno (Spain)
 Alison McCallum (United Kingdom)
 Martin McKee (United Kingdom)
 Michael Moore (Australia)
 Jean Marie Okwo Bele (Congo)
 Gaetano Pelissero (Italy)
 Gaetano Privitera (Italy)
 Srinath K. Reddy (India)
 Malabika Sarker (Bangladesh)
 Luca Gino Sbrogiò (Italy)
 Ines Siepmann (USA)
 Giorgio Solimano (Chile)
 Emanuele Torri (Italy)
 Paolo Villari (Italy)
 Francesco Vitale (Italy)

ISC

The International Scientific Committee (ISC) consists of experienced public health experts from around the world nominated by WFPHA, SItI and Aspher. It mainly advises the ICC on scientific matters of the conference and contributes to the scientific evaluation of the conference. We would like to thank the ISC for their support.

Aim & Scope

Population Medicine is an open-access double-blind peer-reviewed scientific journal that encompasses all aspects of population, preventive, and public health research including health care systems and health care delivery. Its broader goal is to address major and diverse health issues, to provide evidence-based information to professionals at all levels of the health care system, and to inform policymakers who are responsible for the formation of health policies that can lead to evidence-based actions.

Full Journal Title:
Population Medicine
Abbreviated Title:
Popul. Med.
ISSN (electronic):
2654-1459
Publishing model:
Open Access
Peer Review:
Double Blind
Licenses:
CC BY-NC 4.0
Publication Frequency:
Monthly
Publication Medium:
Electronic Only
Publication website:
www.populationmedicine.eu

Publisher:
European Publishing
Science and Technology Park of Crete, Greece



Editorial Board

Editor-in-Chief

Evrudiki Patelarou
MD, RN, MPH, PhD, Professor of Epidemiology, School of Nursing, Hellenic Mediterranean University, Greece

Editorial Board

Israel Agaku,
Lecturer, Oral Health Policy and Epidemiology, Department of Oral Health Policy and Epidemiology, Harvard School of Dental Medicine, MA, United States
Hend Alqaderi
Lecturer in Oral Health Policy and Epidemiology, Harvard School of Dental Medicine, MA, United States
Jay Atanda
Office of Science Policy and Analysis (OSPA), National Institutes of Health, United States
Kostas Athanasakis
Assistant Professor of Health Economics and Health Technology Assessment, Department of Public Health Policy School of Public Health, University of West Attica, Greece
Muath A. Aldosari
Lecturer, Oral Health Policy and Epidemiology, Harvard School of Dental Medicine, Harvard University, Boston, United States
Arzu Beklen
Department of Periodontology, Faculty of Dentistry, Eskisehir Osmangazi University, Turkey
Nurcan Buduneli
Professor, Department of Periodontology, Faculty of Dentistry, Ege University, Turkey
Aslı Çarkoğlu
Associate Professor, Department of Psychology, Kadir Has University, Istanbul, Turkey
Onyema Greg Chido-Amajuoyi
Postdoctoral Fellow, University of Texas MD Anderson Cancer, TX, United States
Daniel Erim
Director, Real World Value & Evidence, Market Access Analytics, Johnson & Johnson, United States
Wayne Gao
Associate Professor, College of Public Health, Taipei Medical University, Taiwan
Charis Girvalaki
Director, European Cancer Patient Coalition, Brussels, Belgium
Michele Hilton-Boon
Research Fellow in Feminist Economics, Glasgow Caledonian University, United Kingdom
Takashi Hanioka
Professor, Department of Community and Preventive Dentistry, Fukuoka Dental College, Japan
Bruce Kirenga

Pulmonology Unit, Department of Medicine, Makerere University, Mulago Hospital, Kampala, Uganda
Dilek Karadoğan
Associate professor, Pulmonary Medicine, Department of Chest Diseases, Recep Tayyip Erdoğan University, Turkey
Alexander Mathioudakis
Clinical Research Fellow and Honorary Lecturer, Division of Infection, Immunity and Respiratory Medicine, The University of Manchester, Manchester, United Kingdom
Enkeleint A. Mechili
Department of Healthcare, Faculty of Public Health, University of Vlora, Albania
Ute Mons
Professor, Group head - Cardiovascular Epidemiology of Ageing, University of Cologne, Germany
Jantel Nelson
Great Life Counseling Center, United States
Revati Phalkey
Head, Climate Change and Health Unit, UK Health Security Agency, United Kingdom
Oluwakemi Odukoya
Department of Community Health and Primary Care, College of Medicine, University of Lagos, Nigeria
Krzysztof Przewoźniak
Department of Cancer Epidemiology and Prevention, Maria Skłodowska-Curie National Research Institute of Oncology, Poland
Mays Shamout
Epidemic Intelligence Service Officer, National Center for Chronic Disease Prevention and Health Promotion, CDC, United States
Kimon Stamatelopoulos
Associate Professor of Clinical Therapeutics and Cardiology, School of Medicine, National and Kapodistrian University of Athens, Greece
Antigona Trofor
Professor of Respiratory Medicine, Department of Pulmonary Medicine, University of Medicine and Pharmacy "Gr. T. Popa" Iasi, Romania
Tina Tsafa
Centre for Food Technology and Research, Department of Mass Communication, Benue State University, Nigeria
Manolis Tzatzarakis
Associate Professor, Laboratory of Toxicology, Medical School, University of Crete, Greece
Uyoyo Omaduvie, Academic primary care physician/faculty, Tufts Medical Center, Boston, United States

Strategic Development Editor

Constantine Vardavas
Medical School, University of Crete, Greece & Harvard School of Dental Medicine, United States

Table of Contents

Musculoskeletal symptoms and disorders, and related knowledge, attitude and practices among female textile workers in Karachi, Pakistan: a cross-sectional study	47
Heart Health of Filipino senior workers	47
Awareness and practice of family planning services among married men in area of Yemen	47
Inequalities in primary and secondary healthcare use among people living with dementia in England	47
Concepts and definitions of healthy ageing: a systematic review and synthesis of theoretical models	47
The Adult Immunization Board (AIB): a platform to provide multidisciplinary support for the implementation and optimization of adult immunization in Europe	48
Impact of multimorbidity on health care utilisation in Australian older adults aged 45 years and over: a large population-based data linkage cohort study	48
Identifying risk factors for becoming obese: a record linkage longitudinal study in metropolitan Sydney using the 45 and Up Study	48
Use of wearable sensor technology to detect risk of fall in Indian older adults	49
Social wellbeing among urban elderly in India: exploring the role of multidimensional health	49
How multimorbidity affects trajectories in functional limitation and quality of life among middle-aged and older adults: longitudinal findings from the 2013-2020 survey of health, ageing, and retirement in Europe	49
Post acute care: cui prodest? A 1-year retrospective observational study	49
National Recovery and Resilience Plan - using the Health Project programming tool in Sardinia: Social Health Districts' mortality and aging index analysis from 2017 to 2021	50
Association of serum uric acid with body mass index in the United Arab Emirates UAE healthy future pilot study	50
Multimorbidity and out-of-pocket expenditure on medicine in Europe: longitudinal analysis of 13 European Health Systems between 2013 and 2015	50
The psoriasis comorbidome	50
Selenium exposure and oxidative stress and genotoxicity risk in a healthy Italian population: a cross sectional study	51
Key considerations for the implementation of active assisted living systems to support older adult care	51
Importance and determinants of advance directives and healthcare proxy use among the oldest-old	51
Transition to retirement impact on depressive symptoms: results from a longitudinal analysis within the Survey of Health, Ageing and Retirement in Europe (SHARE) project	51
Developing new models for integrated community health and social care for dependent older people: the case of Programa Maior Cuidado in Brazil	52
Patient-reported outcomes in robotic total knee arthroplasty: a retrospective cohort study with RObotic Surgical Assistant system	52
Empowerment of healthy ageing through integrated care managers in China	52
Predictors of Chronic Pain: comparison between older adults with and without life-long cognitive disability	52
Development and validation of a dietary diversity score for French older adults	53
Association of pain and depression among middle-aged and older adults of India	53
The integrated pathways of care in the social and healthcare services: the AgICOT experience in Teramo, Italy	53
Gender differences in global Disability-Adjusted Life Years (DALYs): a descriptive Analysis of the global burden of disease study 2021	54
Reliability and validity of the bone health literacy questionnaire for middle-aged and elderly women	54
Serological responses up to 9 months following COVID - 19 mRNA vaccination in residents and healthcare workers of long - term care facilities: a multicenter prospective cohort study in Northern Italy	54
Role of vegetarian and plant-based diet in the prevention of mild cognitive impairment and dementia	54
Do meta-analyses of randomized controlled trials estimate the true population effects of multiple risk factor interventions?	54
Assessing the quality of the built environment in dementia: a framework to evaluate long-term care facilities	55
Longitudinal clustering of health behaviours and their association with health outcomes in older adults in England: a latent class analysis	55
Suffering in Silence: Urinary Incontinence among Bangladeshi Women	55
Health outcomes and physiological adaptations of regular physical activity among young individuals	55
The role of the built environment in dementia: evolution and adaptation of an innovative care model through the SARS-CoV-2 pandemic ...	56
Socioeconomic differences in brain white matter microstructure and associated cognitive performance in middle to older adulthood	56
Age Differences in Incidence Rates and In-hospital Outcomes among adults with Stroke or transient ischemic attack: a 10-year time-series analysis	56
The effect of physical activity on health-related quality of life in older people living in residential care settings: preliminary results from an Italian sample	57
COVID-19 vaccination among older adults in India: a case of underrepresentation	57
Socioeconomic predictors over the life course of healthy ageing index in older Eastern Europeans	57
The role of folate metabolism enzymes snps in non-obstructive azoospermia: A systematic review and meta-analysis	58
Prevalence and factors associated with elder abuse in an eastern state of India	58
A pilot study on evaluating relationship between steps and motion in a smart home environment	58
Barriers and facilitators for the successful implementation of antimicrobial stewardship interventions in long-term care facilities: a scoping review	58
Realist evaluation of the impact, viability and transferability of an alcohol harm reduction support program based on mental health recovery: the vitae study: First results	59
Association between household air pollution and cognitive health among older adults in India: A multiple mediation approach through depression and insomnia	59

Older adults' risk profiles for intense care transition patterns: 15-year results from a swedish population-based study	59
Impact of COVID-19 on football players' injuries	59
Did covid-19 pandemic modify palliative care utilisation in 2020? a retrospective observational study comparing 2020 and 2019 administrative data in tuscany, Italy	59
Community-based program focused on social support limits covid-19 mortality: a retrospective cohort study	60
Trends in the geriatric workforce in the romanian healthcare system.....	60
A comparative analysis on the approaches of patients about stem cell treatments in turkey.....	60
Self-rated health status in south africa: the roles of neighborhood disadvantages, social trust and religion.....	60
LISA - Health Literacy cohort study.....	61
Ethical issues in long-term care in low-, middle- and high- income countries during the covid-19 pandemic.....	61
The rise of a new syndemic: characterising the interactions between dementia, infections and socioeconomics.....	61
Understanding levels of morbidity, disease pattern, and hospitalization among widowed women in west bengal, India	61
COVID-19 pandemic impact on ncds prevalence among the elderly in Italy	62
Violence against women in a Brazilian state capital city: a population-based study.....	62
Older adults' intention to use an electronic decision aid for housing decisions: an online pan-Canadian survey.....	62
Prevention policies to protect the adult population: The project "Vivere nei Parchi" in Apulia, South of Italy.....	62
Husbands' cognitive function was associated with the spouse's depression and contact with their children.....	63
Association between confinement and post-COVID-19 pandemic anxiety.....	63
Prevalence and associated factors of food insecurity among adults in Manaus	63
Knowledge and perceptions of Alzheimer's disease among geriatric nurses, geriatric nurses' practitioners and nursing students working in varied health care settings	63
Women and tobacco: smokers clinical characteristics at a Tunisian tobacco cessation consultation during a 10-year-period.....	64
Factors of high physical dependence on nicotine among Tunisian smokers consulting a smoking-cessation unit in a University Hospital in Tunisia.....	64
Significant role of the nurse in management of pain at oncology patients.....	64
Attitude of health professional students as advocates for organ and tissue donation: a community engagement effectiveness study.....	64
Exposure to alcohol and risk of dementia: a systematic review and dose-response meta-analysis	65
Health literacy for women released from prison in Brazil: construction and validation of educational material	65
Trends in prevalence of multimorbidity in Mainland China: a systematic review and meta-analysis	65
Use of health services and physical activity: evidences from a population-based study with the elderly	65
Burden of diseases and costs attributable to dietary risk factors and excess weight in Brazil.....	66
Level of physical activity in Belgrade	66
The relationship between hyperlipidemia and lifestyle factors among adults residing in Ajman UAE: a case-control study	66
Association between tooth loss and sociodemographic variables of older people attending community centers of a capital of the southeast region of Brazil.....	66
The Territorial Operative Center: an innovative management for Assisted Hospital Discharges in the health district of Vignola, Modena, Italy..	67
Workplace gender harassment, illegitimate tasks, and poor mental health: hypothesized associations in a swedish cohort	67
Work history as a life course socioeconomic position and its association with depression in mid to later adult life: a systematic review of the evidence	67
Epidemiology of abdominal obesity among adults in rural and peri-urban Bangladesh.....	67
Patient experience after a hip fracture in relation to an empowerment-oriented intervention.....	68
Association between glycemic levels and a frailty syndrome in the elderly of the longitudinal study of adult health (elsa-brasil)	68
"CODICE ARGENTO": dedicated care pathway for the frail elderly in the emergency department of cristo re hospital.....	68
Translation, cross-cultural adaptation and content validity of the model disability survey for the Brazilian population.....	68
Language and functioning by icf and slp group intervention: giving voice to people with parkinson disease, a Brazilian experience	69
Hospitalizations for malnutrition in Brazilian older adults	69
Changes in physical activity and perception of weight gain during covid-19: elsa-brasil cohort	69
Preliminary data of the model disability survey in Brazil: functioning module.....	69
Swap relations and sense of justice for distribution in agricultural families	70
Adult Health Experience with Autism Spectrum Disorder: Self Perception of Functioning in Brazil.....	70
The actions performed by the sesc women's health team to the the city of Conceição de macabu, in a partnership between sesc and the city hall	70
Towards a just transition: enabling older populations to mitigate the impact of climate change and maintain wellbeing	70
Epidemiological transitions in a life-course perspective: challenges and opportunities for healthy ageing.....	71
Supporting antimicrobial stewardship improvements in a zambian rural health post through education and digital training	71
Dispense of non-prescribed antibiotics without prescription from pharmacies in Jhelum: a cross-sectional survey	71
Group B Streptococcus maternal colonization, vertical transmission, serotype distribution and antimicrobial resistance pattern in sub-Saharan Africa: a systematic review and meta- analysis	72
Digital intervention on the knowledge regarding anti-microbial resistance amongst the school-going adolescents: a non-randomized controlled study	72
Attitudes towards use of high-importance Antimicrobials-a cross-sectional study of Australian veterinarians	72
Infection control in the intensive care unit: the Pavia experience.....	72
Coverage of policies to reduce Antimicrobial resistance in Low and Middle income countries: results from the first Global Expert Survey on Antimicrobial Resistance (GESAR).....	73

The acute toxicity, antimicrobial and anti-inflammatory profile of the ethanolic and acetone extract of the leaves <i>Teclea Nobilis</i>	73
Prescription pattern of antibiotics amongst dentists of Karachi, Pakistan	73
Antibiotic residues of drinking-water and its human exposure risk assessment in rural Eastern China.....	73
Has <i>Mycobacterium chimaera</i> became a public health concern? A bibliometric analysis	74
An innovative sanitification system in the Operating Theatre with a focus on sustainability	74
Development and sustainability of a digital auditing program to support national antimicrobial surveillance	74
Impact of new Electronic Health Record on antimicrobial stewardship policies in IRCCS Policlinico San Donato	74
Wastewater treatment plant: a hotspot of antibiotic resistance spreading?.....	75
Antibiotic stewardship: perception of general practitioners regarding emerging challenges.....	75
<i>Chondrodendron platyphyllum</i> alkaloids as a weapon in the combat of antibiotic resistance	75
Developing the monitoring and evaluation framework for 'Australia's antimicrobial resistance strategy: 2020 and beyond' using a one health approach.....	76
Predictors of knowledge, attitude, and dispensing practices of antibiotics among patent and proprietary medicine vendors in Federal Capital Territory, Nigeria	76
Evaluation of the available apps to support the Italian physicians in the Antimicrobial Stewardship implementation.....	76
Malnutrition and extended spectrum beta-lactamase-producing Enterobacteriaceae infection: a new lead against antibiotic resistance? ...	76
Impact on antimicrobial consumption of new stewardship policies in IRCCS Policlinico San Donato in 2022.....	77
Animals and animal products as sources for antimicrobial resistant bacterial infections in humans: a systematic review and meta-analysis... ..	77
The role of a Local Health Unit in fighting antimicrobial resistance: the experience of ASL TO3 in Piedmont, Italy.....	77
The dual effect of governance quality on antibiotic use and antimicrobial resistance: An analysis of European countries	77
The vaccinating hospital: Multiparametric evaluation of the post-vaccinal outcome on the development of infections, antibiotic therapy and resistance	78
Impact of the covid-19 pandemic on multi-drug resistant organisms in a large hospital in palermo (sicily).....	78
Using legislation to underpin a one health approach to address antimicrobial resistance	78
Perspective assessment of the impact of sars-cov-2 pandemic on the use of antibiotics and antibiotic resistance.....	79
Overcoming the challenges of antimicrobial resistance in developing countries.....	79
Economic and social burden of healthcare-associated infections.....	79
Awareness of antimicrobial resistance: Google Trends™ analysis to test the success of health promotion initiatives.....	79
Antibiotic use and surgical site infections: A single-center retrospective study	80
Development of prevention of multidrug resistance organisms transmission management participation model of a tertiary care hospital, bangkok Thailand	80
Antimicrobial resistance surveillance at ospedale policlinico san martino irccs, genoa north-west Italy: A focus on meticillin-resistant staphylococcus aureus.....	80
A new indicator of prescriptive appropriateness for antimicrobials: The experience of the cristo re general hospital antimicrobial stewardship team	80
Access and use of antibiotics in a group of migrants in a locality of bogota colombia in 2021.....	81
In vitro antibacterial and antifungal activities of extracts and fractions of leaves of <i>Ricinus communis</i> Linn against selected pathogens ...	81
Disease assessment and antimicrobial prescription patterns in Sonali Chicken cases in Bogura, Bangladesh	81
Mapping and characterizing early warning systems for emerging profiles of antimicrobial resistance in Italy: a national survey.....	81
Effectiveness of antimicrobial stewardship programmes on antibiotic consumption - a systematic review and meta-analysis.....	82
Establishing polymerase chain reaction-based diagnostic test for the detection of drug resistant <i>Salmonella typhi</i> in a hospital setting in the Philippines	82
Genomic comparison of <i>A. baumannii</i> isolated from COVID-19 and non-COVID-19 patients admitted to an Intensive Care Unit: preliminary results	82
Emergence of NDM-1-producing ST147 <i>Klebsiella pneumoniae</i> strains isolated from bloodstream infections during the COVID-19 pandemic, Southern Italy	83
Antibiotic resistance genes and viral genomes assessment in wastewater samples from cabo verde wastewater treatment plants	83
Impact of a structured antimicrobial stewardship program in Cittadella Hospital, Padua, Italy	83
Multidrug-resistant Cause Mortality Rates in infants Infected with Carbapenem Resistant Organisms	83
Cost-effectiveness of Imipenem/Cilastatin/Relebactam compared to Colistina-Imipenem for the Treatment of Confirmed Carbapenem Non-Susceptible Gram-negative Bacterial Infections.....	84
"Drug resistance index": A new public health indicator for antibiotic resistance	84
<i>Klebsiella pneumoniae</i> drug resistance index: an indicator evaluated in l'aquila hospital.....	84
Methicillin-resistant and methicillin-sensitive staphylococcus aureus infections in patients undergoing elective arthroplasty surgery: a prospective observational multicentre study	84
Antibiotic resistance in ocular bacterial infections: an integrative review of ophthalmic chloramphenicol	85
Potential risks of pm2.5 and silica pollutants among communities living surround the Bosowa cement plant, Maros Indonesia 2022	85
Climate vulnerability, urban health, sexual and reproductive health rights (SRHR) in Bangladesh: an explanatory analysis from Chottogram Metropolitan	85
Point-of-care testing, spatial care paths, and enhanced standards of care - preparing island communities for global warming and rising oceans.....	85
Health in sustainable development - barriers and drivers in implementing sustainable transport policy in Copenhagen, London, Mumbai, and Shanghai.....	86
A time differentiated dietary intervention effect on the biomarkers of exposure to pyrethroids and neonicotinoids pesticides.....	86

Efficacy of activated carbon for ammonia gas reduction in selected poultry farms in Ido local government area, Ibadan Oyo state, Nigeria	86
Energy conservation practices among undergraduate students of King Faisal University	86
Conceptualisations of public trust in climate science: a systematic meta-narrative literature review	87
Community knowledge, practices, and perceptions regarding environmental determinants of health in Melusi, Pretoria, South Africa	87
Occurrence of cardiopulmonary diseases after the Susa Valley wildfires of 2017	87
Nine-year exposure to residential greenness and the risk of metabolic syndrome among Luxembourgish adults: a longitudinal analysis of the ORISCAV-LUX cohort study	87
Effect of exposure to quarry dust on the lung function of exposed communities in Edo State, Nigeria	88
Analysis of the epidemiological profile of dengue cases in the Municipality of Araras between 2010 and 2021	88
Modelling the future risk of Japanese encephalitis in Victoria using Geographic Information System	88
A systematic review of evidence on the association between high temperatures, heatwaves and heat-related illnesses	88
Is it time to set skin cancer prevention targets globally?	88
Differential impact of life course exposure to PM2.5 species and contributing emission sources on children health in India	89
How can health evidence be packaged to reach actors across a complex system to influence the development of healthy urban environments?	89
Determining environmental attitudes of medical faculty students and evaluation of environmental behavior	89
Artificial light at night and breast cancer risk: the findings from CECILE study, France	89
Ciguatera Fish Poisoning: an economic evaluation of healthcare costs and assessment of current level of awareness among islanders and visitors in three Caribbean Islands	90
How do neighborhoods influence educational achievement? Reviewing qualitative studies by employing Nussbaum's perspectives	90
Is the community food environment in Chile associated with fruit and vegetables consumption?	90
The environmental health literacy of Italian general population: the SPeRA cross-sectional study	90
Forecasting malaria morbidity to 2036 based on geo-climatic factors in the Democratic Republic of Congo	91
Impacts of extreme weather events on enteric infectious disease outbreaks: evidence from New Zealand	91
Microplastic-sorbed chemicals: a threat from sand and surface water	91
Air pollution and oxidative stress in adults suffering from airways diseases. Insights from the gene environment interactions in respiratory diseases multi-case control study	91
Risk analysis for the human health derived from sewage management: perspectives for the reuse	92
Mortality and hospitalization in Italian contaminated sites of national concern for remediation: the global evaluation	92
What is the carbon footprint of food waste? results from an analysis in a hospital canteen in northeast Italy	92
Different approaches to research on urban health: a meta-narrative review	92
Adaptation planning for climate change: is the health and safety of rural women a priority for local government? a policy analysis	93
Global, local and individual context of climate change: what do medical faculty students think? A qualitative assessment	93
Carbon and water footprint of food choices by users of a hospital canteen	93
Quantification Of waste in schools: a case study in danang city, Vietnam	94
Eco-anxiety, its determinants and the adoption of pro-environmental behaviors: Preliminary findings from the Generation XXI cohort	94
Per- and polyfluoroalkyl substances (pfas) and depression: Associations stratified by body fat level	94
Evidence and practical insights on participation of vulnerable population groups and transdisciplinarity in the context of urban health	94
The case for indoor temperature in heat health warning systems: deployment of a real-time indoor temperature data ecosystem in community housing	95
Modelling the Impact of Seasonal Climate Variability on Health Sector in Mozambique	95
Cardiovascular health effects of outdoor air pollution in the most polluted city, Mongolia	95
Gender-specific variables of climate-change related health impacts: a global south perspective	95
Legionella contamination and human health: the risk of wastewater reuse in agriculture	96
Arboviral transmission risk as driven by aedes aegypti resistance to insecticides and eco-bio-social factors in disease foci, côte d'ivoire	96
Prevalence of environmental certificates in unhealthy foods commercialized in Brazilian retail	96
Incidence tendencies and projection of climate sensitive diseases in mozambique	97
Does the proportion of children with limited day-to-day activities affect the provision of accessible and inclusive public playground in London?	97
A novelty strategy on adaptation for climate change in defense of climate justice was made in antioquia, colombia	97
Assessing the impact of air pollution on health outcomes using IOT sensors	97
Estimating the environmental impact of antibiotics through drug utilisation and eco-toxicological data: The Italian context	98
Lead exposure is associated with reduced brain electrical activity in cognitively unimpaired older adults	98
Dengue fever complex over climate change scenario in Rio de Janeiro state (Brazil)	98
Urban environment walkability and its relation with Noncommunicable Diseases: a scoping review	98
The benefits of walkability: application and limits of the Walking Suitability Index of the Territory in LAquila	98
The future risk and prevention of climate-change induced arboviral diseases in the European Union through a planetary health perspective: a systematic literature review	99
Effect of climatic factors favoring dengue transmission in Islamabad Capital Territory, Pakistan, 2022	99
Epidemiological profile of dengue in State of São Paulo/Brazil from 2010 to 2021	99
Monitoring of enteric viruses in treated and untreated civil and livestock sewages in the Piemonte Region - Italy	99
Public health impact of new sustainable agronomic practices: the TOMRES project	100
Climate change and wastewater treatment: human pathogens and microbiological indicators in Alpine aquatic environments	100
Epidemiological update of human cases of Toscana Virus infections in the Emilia-Romagna region in the period 2010-2022	100

Exposure to neighbourhood greenness and hypertension in adults: a cohort study in Taiwan.....	101
Biomonitoring the estrogenic effect of wastewaters: role of extraction phase and assay type	101
Evaluation of healthy housing: a strategy to improve environmental health	101
The association between lead exposure and crime: a systematic review	101
The global diet quality score's correlation with the EAT-Lancet sustainable dietary guidelines in Brazil.....	101
Situation analysis of drinking water quality and sanitary conditions in small scale water supply systems in rural areas in Serbia	102
Sustainable and green hospital project in the province of Padua, Italy	102
Spacial injustice: the imbalance between supply and demand for Ecosystem Services.....	102
Evaluation of indoor air quality and its architectural, environmental, and occupational determinants in a primary health care center - a research protocol.....	103
An ecological study on climate vulnerability and health in India- case for an improved risk index.....	103
Effects of mud-therapy on pain, function and quality of life in patients with rheumatic and dermatologic diseases: A systematic review and meta-analysis.....	103
Gender differences in the Effects of Urban Greenness on Cardiovascular Disease Outcomes	103
Heatwaves perceived impacts and adaptive behaviours - results of a cross-sectional study in pakistan	104
Overcoming the challenges of problem identification in complex systems of urban health	104
How can the public health community support litigation to protect public health in the context of climate change and other environmental threats to health?	104
Climate, migration and health: questions of ethics and public health.....	105
COP 27: African Perspective	105
What does the future of public health need to know about climate-health?	105
Following the COVID19 playbook and battling another infodemic: Conspiracy beliefs around human Monkeypox among the Lebanese population.....	106
Cholera outbreak investigation among children in Nishter Town District Lahore, Pakistan - May- June 2022: a retrospective cohort study .	106
Incidence and determinants of loss to follow-up of human immune virus pre-exposure prophylaxis among key and priority population groups in Addis Ababa health centers, Ethiopia	106
Tsetse flies infected with trypanosomes in three active Human african trypanosomiasis foci of the Republic of Congo	106
Assessing malaria transmission and vector dynamic in a context of larviciding trial in the city of Yaoundé, Cameroon	107
Association between house characteristics and community practices on anophelines distribution and malaria prevalence during a larviciding program in the city of Yaoundé-Cameroon.....	107
Assessing dengue and chikungunya infections among febrile patients visiting four healthcare centres in Yaoundé and Dizangué, Cameroon .	107
Tuberculosis-related knowledge, practices, perceived stigma and discrimination, and adherence to anti-tuberculosis medication among patients with tuberculosis.....	107
The first national prevalence survey of soil transmitted Helminths in Pakistan.....	108
Adherence and factors associated with Cotrimoxazole preventive therapy among adult human Immunodeficiency Virus (HIV) Patients attending antiretroviral clinics in JigJiga Hospitals	108
Measles seroprevalence national survey among a sample of the Tunisian population: is there an explanation for the 2019 measles epidemic in a mostly vaccinated population?.....	108
Short hospital stays for malaria cases despite gaps in management: case scenario for high and low malaria endemic counties of Kenya, 2021	108
The effectiveness of the prevention and control methodsapplied towards the elimination of malaria in Botswana.....	109
The increasing problem of Tuberculosis in Nepal	109
Knowledge of Monkeypox among medical students in the Eastern Mediterranean Region	109
Case of yellow fever in the Manankoro area, Bougouni health district, Sikasso region, December 2019	109
Role of genetic variability in Toll-Like receptors (TLR2, TLR4 and TLR9) in HIV-1 disease progression	110
Demographic and housing factors in Lassa fever transmission in a high disease burden State in Nigeria	110
The case for collecting, analysing, and utilizing sex-disaggregated data and gendered data to inform outbreak responses, a systematic review of the literature 2012-2022.....	110
Screening campaign for the elimination of the Hepatitis C virus in the generic risk population born between 1969 and 1989 in an Italian Local Health Authority - preliminary data	110
Private sector care-seeking pathways and delays in TB care in India, Indonesia and Nigeria in times of COVID-19	111
Candida auris: a bibliometric analysis of an emerging global health threat	111
Epidemiological and clinical differences of cases of MPOX at the Chilean outbreak.....	111
A qualitative exploration of challenges in childhood TB patients identification and diagnosis in Bangladesh	111
Vaccination strategies against seasonal Influenza in long term care setting: lessons from a Mathematical Modelling study.....	112
Diagnosis and treatment of febrile children in a Ghanaian hospital.....	112
Toxigenic diphtheria cases in North Queensland, Australia	112
Facilitators and barriers to integrated malaria prevention in Wakiso district, Uganda: a photovoice study.....	112
Outbreak investigation of cholera at district Quetta, Baluchistan 2022	113
Active provision of influenza vaccination in diabetic individuals aged 18-64 years in ASL Rome 1: experience and evaluation of results in the 2020-2021, 2021-2022 and 2022-2023 influenza vaccine campaigns.....	113
Influenza vaccination in healthcare workers in Asl Roma1: best practices, outreach offer, and trend assessment of CVA 2020-2021 and 2021-2022 and 2022-2023	113
Epilepsy care in resources-constrained settings: the nodding syndrome alliance experience in three clinics in Western Equatoria, South	

Sudan	113
Global burden of anthrax: a systematic review	114
Prevalence of hepatitis C virus among hemodialysis facilities: national screening study in Tunisia, 2021-2022.....	114
Determining levels of knowledge, worry, anxiety and intention to get vaccinated during the recent monkeypox outbreak: a cross-sectional study from the United Arab Emirates (UAE)	114
Descriptive epidemiology of visceral leishmaniasis in Afghanistan, 2018-2022.....	114
The effect of a conditional cash transfer program on AIDS morbidity and mortality among the poorest: a quasi-experimental study of a cohort of 22.7 million Brazilian	115
Tracking patient pathway for assessing public health and financial burden to community of Pulmonary Tuberculosis: Pointer from Central India	115
Networking of public health and clinical laboratories: a successful strategy to uncover promptly two enterovirus D68 outbreaks in Lombardy region (northern Italy), July 2021-November 2022	115
Respiratory Syncytial Virus: a preliminary analysis of epidemiological data in Verona University Hospital	116
Tuberculosis in the Local Health Authority (LHA) of Cagliari: study of epidemiology for a qualitative approach to the prospects of improvement in public health management	116
Reporting trends of measles cases in Italy, January 2013 to November 2022, and progress towards elimination	116
An unusual outbreak of acute infectious gastroenteritis	116
High consequence infectious diseases in Europe - the need for an expert clinical support service.....	117
Multi-country Viral Hepatitis COMMunity Screening, Vaccination, and Care (VH-COMSAVAC): Project outline.....	117
The implementation of the international health regulations on vector-borne diseases - a scoping review of the qualitative evidence performed worldwide	117
Monkeypox outbreak: observational analysis of confirmed human monkeypox virus cases in the province of padua.....	117
Costs of prevention programmes: a comparative analysis of screening campaigns including HCV.....	118
Rapid blood sample screening test for hepatitis c virus: Results of nine months of activities.....	118
Impact of a conditional cash transfer program on tuberculosis incidence, mortality, and case fatality-rate in a cohort of 53 million individuals	118
Gold miners shootup malaria transmission in indigenous areas of roraima, Brazil.....	119
Risk factors associated with COVID-19 deaths in hospitalized patients between March 2020 and March 2021 in Morocco Taza province case: Case control study.....	119
Epidemiology of and factors associated with Chlamydia trachomatis in fertility treatment-seeking patients in the Abu Dhabi Emirate, United Arab Emirates.....	119
Environment friendly vector control (Slash and clear) to accelerate onchocerciasis elimination in a high transmission area: a pilot study in the Mbam valley (Centre Region, Cameroon).....	119
Effect of multi-month dispensing on adherence to antiretroviral therapy among adolescents and young adults Tanzania	119
A joinpoint regression analysis of trends in HIV incidence in Brazil over 20 years.....	120
Patients presenting to a united states academic health center emergency department following opioid overdose show elevated rates of Hepatitis C and limited testing history	120
Anti-HCV testing acceptance and seroconversion rates among people who use drugs and are under opiate substitution treatment (Hippocrates Epidemic Detection System)	120
Epidemiological Burden of Hepatitis B Infection among Military Personnel in Khartoum State.....	120
Stigma, self-efficacy and susceptibility associated with knowledge about hiv in high school students	121
Level of knowledge of HIV / AIDS associated with risk behaviors and use of Prep / Pep in students	121
Characterising a syndemic among women impacted by syphilis and the toxic drug supply in Fraser Health Authority, Canada using latent class analysis	121
Implementation of the explicit health guarantees program for the human immunodeficiency virus and its intervention in mortality in Chile.	121
Factors associated with intention to use self-sample collection for HIV and other sexually transmitted and blood-borne infections among men who have sex with men in British Columbia, Canada.....	121
Stigma towards tuberculosis in nurses from high complexity care centers in Cartagena, Colombia.....	122
Epidemioclinical profile of cutaneous leishmaniasis in tataouine: a prospective longitudinal study.....	122
Fine mapping of ascaris lumbricoides, trichuris trichiura and hookworm infections in sub-districts of makenene in Centre Region of Cameroon	122
The impact of the disruption of the seasonal chemoprevention services on the malaria epidemic in senegalese children: a study in the Sédhiou and Kolda regions.....	123
Tb notification in children; the experience of targeted community demand creation amidst insecurity in imo state Nigeria.	123
Knowledge, attitude, and perception of monkeypox among medical/health students across media space in Nigeria.....	123
Effect of treatment on school-aged children's hemoglobin levels in a Schistosoma mansoni endemic area of Minas Gerais, Brazil.	123
Rsv epidemiological burden in paediatric outpatients in Italy: a systematic review	124
Neuroinvasive toscana virus, Italy, 2016-2021: should we invest in improving surveillance?.....	124
Incidence rates of gonococcal disease in a tertiary level hospital in madrid (Spain) between 2019 and 2022	124
Trends in confirmed cases of sexually transmitted diseases among notifications in a portuguese city, 2018-2022	124
Prevalence and risk factors associated with schistosomiasis among women living with hiv/aids in lower moshi kilimanjaro, Tanzania	125
Protecting health workforce through vaccination in low and lower-middle income countries.....	125
Strengthening Public Health Systems to Prevent and Respond to High-Consequence Biological Threats	125
Association of COVID-19 vaccination with herpes zoster: a systematic review and meta-analysis.....	126

False-positivity Results in rapid antigen tests for SARS-CoV-2: an umbrella review of meta-analyses and systematic reviews	126
Building a public health leadership curriculum for future pandemic preparedness.....	126
COVID-19 rapid diagnostic test Results and their associations with certain factors among the residents of Balochistan.....	126
The impact of the COVID-19 pandemic on the residential aged care sector.....	126
Vaccine hesitancy among the indigenous tribes of North East India: an incipient crisis	127
Stress, coping and psychological wellbeing of postgraduate student in Ireland during COVID 19 pandemic.....	127
Outcomes of home isolated COVID-19 patients and risk factors associated with the adverse outcomes: Longitudinal Retrospective Study in Shimoga, Karnataka.....	127
Psychological impact of the early stage of the COVID-19 outbreak, what have we learned? A systematic review.....	127
Knowledge and attitude of COVID-19 preventive practice in Mongolia.....	128
Informational and structural barriers to uptake of preventive behaviours among Healthcare workers working in both isolation and non-isolation sites during COVID 19 in Zambia	128
Exploring COVID-19 risks in Ghana, Cameroon, and Malawi.....	128
Multidisciplinary rehabilitation in intensive care for COVID-19 - a randomized controlled trial	128
Assessment of the usability of SARS-CoV-2 self-tests in a peer-assisted model among factory workers in Bengaluru, India	128
Inflammatory markers and hematologic indices in the prediction of severity of COVID-19: a single center study in Southern Philippines ...	129
Hand Hygiene (HH) pre and post-SARS-CoV2 pandemic: What are we missing?	129
Loneliness across the COVID-19 Pandemic: an Irish cohort study.....	129
Characteristics and outcomes of COVID-19 among people living with HIV at Eka Kotebe General Hospital, Addis Ababa, Ethiopia.....	129
Social connectedness and emotional health during the COVID-19 pandemic: a population-based latent profile analysis examining changes in connectedness and emotional health among adolescents in British Columbia, Canada	130
Strength of community engagement in controlling and preventing COVID-19 in a highly vulnerable Māori populated region in New Zealand....	130
Effects of COVID-19 vaccination type and doses on symptoms and hospitalization of healthcare professionals having SARS-CoV2 infection .	130
Pediatric COVID-19 population in Tunisia from 2020 to 2022 : clinical characteristics and risk factors of severity	130
Voices of Society: the emergence and contributions of civil-society practices aiming to engage in COVID-19 management	131
COVID antibodies in patients treated with immune suppressive drugs after 4 doses of vaccination	131
Perspectives on future of healthcare worker in post-COVID-19 Era: a comparative study of Eastern Europe and Middle Eastern economics concerning healthcare workers.....	131
Compliance to health risk warning in notification of COVID-19 close contacts of exposure and Self-monitoring requirements	131
Young people's guide to the COVID galaxy: preferences for COVID-19 research communication.....	132
Severe acute respiratory syndrome coronavirus 2 (SARS-Cov-2) infection in household contacts and related factors during the first and second waves of the COVID-19 pandemic in Chile: a longitudinal cohort study	132
Hospital hand hygiene after COVID-19: has the pandemic heightened healthcare workers' awareness?.....	132
Mitigating the psychological impact of COVID-19 on care givers at Dodoma Municipality, Tanzania	132
Caring for Long COVID patients in primary health care: a cross-sectional study among general practitioners in Belgium and Malta	133
COVID-19 pandemic on public health systems and practice in 3 districts from the perspective of public health leaders: a qualitative study in Uganda	133
Impact of COVID-19 vaccination on mortality from COVID-19 severe acute respiratory syndrome (SRAG-COVID) in Brazilian municipalities in 2021	133
Knowledge, attitudes, practices and perceptions around SARS CoV rapid antigen self-tests among urban poor communities of Mohammadpur and Bangalore, India	133
COVID-19 vaccine hesitancy in Western Balkans	134
Analysis of the preparedness for the COVID-19 pandemic in the rural areas of the Bolivian Chaco	134
Involving cases and contacts more actively and autonomously in contact tracing through digital tools: a mixed methods investigation among Dutch public health professionals involved in COVID-19 contact tracing	134
Impact of the COVID-19 pandemic on stroke and ST-segment elevation myocardial infarction patient management: French regional registry..	135
Innovative shortcuts and initiatives in Primary Health Care for rural/remote localities: a scoping review on how to overcome the COVID-19 pandemic.....	135
Micronesian community response to COVID-19	135
Socioeconomic inequalities in times of COVID-19 lockdown: prevalence and related-differences in measures of anxiety and stress in Palestine.....	135
COVID-19 preventive behaviors and information sources: a cross-sectional study in Japan	136
What the COVID-19 pandemic teaches us about modeling epidemics?	136
The impact of Long COVID Syndrome treatment and rehabilitation: systematic review and meta-analysis of patient-reported outcomes ...	136
Achieving COVID-19 vaccination equity in South Eastern Metropolitan Victoria, Australia	136
Predicting death for nursing home residents before and after COVID-19 vaccination: can we prevent the next pandemic?	137
A rapid global review of guidance to prevent and control COVID-19 in custodial settings.....	137
The effect of health literacy on delayed COVID-19 vaccine: a cross-sectional study in Hong Kong.....	137
Geographical intelligence applied to public health: the examples of Rio de Janeiro and Niterói municipalities (Rio de Janeiro, Brazil) to face SARS-CoV-2.....	138
A household survey; contamination related characteristics of COVID-19.....	138
A scalable model to ensure sustainability of resources and quality in health emergency management in public administration.....	138
Predicting inflection points in the disease curve through wastewater-based epidemiology: learnings from SARS-CoV-2 monitoring in Bengaluru, India	138

The construction of the primary health care organizational model index to fight COVID-19: scope, limits and perspectives in the Brazilian remote rural context	139
Health protection and risk reduction related to SARS-Cov-2 in health services in Brazil	139
It's the stress of not knowing: a qualitative study of the impacts of COVID-19 pandemic among young adults in Canada	139
Pentraxin (PTX-3) as a prognostic marker of clinical implication of COVID-19 in a cohort of healthcare workers from the A.O.U. 'G. Martino' of Messina	139
Mortality from COVID-19 in Belgrade	140
Have public health responses to COVID-19 considered social inequalities in health? Insights from Brazil, Canada, France & Mali	140
Strategies to fight the COVID-19 pandemic in remote rural municipalities of Piauí state, Brazil	140
Working in the territory or in the health care facility? Community Health Workers' (CHW) work process during the COVID-19 pandemic in Brazil	140
COVID-19 and financial transfers- an analysis of Minas Gerais, Brazil, from 2020 to March 2021	141
The reach of health and social protection policies for the homeless population during the COVID-19 pandemic in Belo Horizonte, Minas Gerais, Brazil	141
Lessons from slums during COVID-19 in Indore and Agra, India towards better preparedness for future pandemics	141
Symptom presentation and quality of life are comparable in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome and post COVID-19 condition.....	141
How to reshape trade for vaccine equity: gaps in policy discourse	142
Assessment of excess mortality in Italy in 2020-2021 as a function of selected macro-factors	142
COVID-19 conspiracy beliefs, government legitimacy and societal priorities in the age of pandemic	142
Trust in the scientific community and conspiracy thinking in Italy during the COVID-19 pandemic.....	142
The impact of COVID-19 pandemic on depression and anxiety symptoms: findings from the United Arab Emirates healthy future cohort study	143
Impact of the COVID-19 pandemic on federally qualified health centers in Puerto Rico during 2020	143
Investigating household transmission of SARS-CoV-2: an analysis of 1453 households.....	143
Impact of COVID-19 in Irish Nursing Homes: an assessment of variables associated with performance during first wave of the pandemic.....	144
Flexibilization of regulations of health professionals' practices in response to the COVID-19.....	144
Healthcare assistant and carers in Ireland: battling for resources during SARS CoV-2, Wave 1: a rapid-response survey.....	144
SARS-CoV-2 Delta and Omicron variant transmission and the impact of vaccine in schools and child-care settings in Australia	144
Quality of National Disease Surveillance Reporting before and during COVID-19	145
High coverage and equitable distribution: status and correlates of COVID-19 vaccine uptake in two vulnerable sites in Bangladesh	145
Roles of health professionals in infodemic management related with the novel coronavirus disease	145
One size does not fit all! barriers and drivers towards COVID-19 prevention measures in the Netherlands	145
A feasibility study about covid-19 patients management in general hospital wards in Italy: an organizational assessment approach.....	146
Identifying essential resources for pandemic response: an international delphi study within the EU-PANDEM-2 project	146
Supporting rurally dwelling adults with disabilities: the experiences of two organisations in Western Australia during the COVID-19 pandemic.....	146
Integrated environmental and clinical surveillance of viral acute respiratory infections in close communities: opportunities and challenges.....	146
Parameters in mathematical modelling of indoor spread of COVID-19: a scoping review	147
An assessment on the interplay of digital proximity app use and vaccine uptake for SARS-CoV-2 transmission mitigation in Switzerland	147
Opinions matter: public opinions on data-sharing and how they can shape pathogen genomic surveillance in Canada.....	147
A review of the association between micronutrients and risk and severity of COVID-19	148
Knowledge, attitudes, practice of people toward the COVID-19 pandemics, and its impact in Afghanistan.....	148
Inequalities in accessing COVID-19 vaccination: the findings from population-based survey in areas with high hesitancy	148
Health-related quality of life among long-COVID patients - Tunisia, 2020-2022.....	148
Reception and healthcare services for marginalised and undocumented migrants face the challenge of COVID-19.....	149
Post-acute COVID-19 syndrome in the workplace	149
Analysis and management of the migrant population for covid19 emergency in the province of Lecce.....	149
Lessons learned from Tunisia prevention, preparedness, response and resilience to COVID-19 pandemic	150
The assistance GAPS in the struggle against covid-19 in Brazil: the temporal course in the beginning of vaccination of indigenous and quilombolas peoples	150
Evidence-based comparison on COVID-19 pandemic control strategies--Taiwan as an example	150
Comparative analysis of maternal mortality in Central Asia region before and during COVID-19 pandemic	150
Lessons learned from coronavirus disease: India's preparedness and response strategies for future pandemic	151
A low burden of severe illness: the COVID-19 Omicron outbreak in the remote Torres and Cape region of Far North Queensland, Australia.....	151
Crossing the border: Adherence to the Vaccination Campaigning in multicultural provinces of South-Tyrol during COVID-19 Pandemic, a cross-sectional study.....	151
Cardiovascular and respiratory events following COVID-19 hospitalisation: a cohort study in Portuguese hospitals.....	151
The PHIRI project for measuring the impact of health crises on the European Healthcare System: the Italian case in COVID-19 pandemic.....	152
Associations Between Reported Post-COVID-19 Symptoms and Subjective Well-Being, Israel, July 2021 -April 2022.....	152
Impact of COVID-19 Lockdowns on Gastrointestinal Cancer Incidence: A Registry-Based Study in Bavaria - Germany	152
How were place of death trends for cancer patients affected by the COVID-19 pandemic? An international death certificate study	152
Effectiveness of vaccination against SARS-CoV-2 infection in the pre-delta era: a systematic review and meta-analysis	153
Risk/protective factors associated with anti-SARS-CoV-2 antibody response in a sample of workers from the emilia romagna region, Italy .	153

Early evidence on vaccine effectiveness of COVID vaccines in PLWHA	153
Wastewater monitoring system for emerging infectious diseases in Thailand	154
Vulnerability, COVID-19 and quality of acute neuro-cardiovascular care	154
Gender differences in comorbidities and outcomes of COVID-19 patients: findings from the "MASSI" study	154
The effect of COVID-19 pandemic on Google search activity on foods: an analysis of the public interest in Italy	154
Effects of bivalent Omicron-containing vaccine boosters and prior infection against SARS-CoV-2 Omicron infections in Luxembourg, September-December 2022	155
Arrangement of influenza pandemic preparation and response Plan (PanFlu) in the reality of ULSS 6 Euganea	155
Resurgence of the respiratory syncytial virus epidemic in infants after the easing of the COVID-19 containment measures: a retrospective cohort study from Tuscany Region, Italy	155
Identifying risk factors for SARS-CoV-2 infection in university students after COVID-19 vaccine release: a nested case-control study	155
COVID-19's lessons learned from Primary Care and General Practice: enduring rafts against Pandemic Waves	156
The spread of sars-cov-2 and vaccination coverage: Results of health surveillance in schools of modena province, Italy	156
Prevention and control of covid-19: A multicentric study of the Brazilian population in the territories covered by primary health care	156
Impact of national-scale targeted point-of-care symptomatic lateral flow testing on trends in COVID-19 infections and hospitalisations during the second epidemic wave in austria	157
Neutralizing anti-sars-cov-2 antibody titer after three doses of mrna vaccine in a sample of italian nursing home personnel	157
COVID-19 testing experience among users of primary health care in communities with high socioeconomic vulnerability in northeast Brazil ..	157
What makes health systems resilient? an analytical framework drawing on learnings from the covid-19 pandemic	157
COVID-19 pandemic and management of migrants on quarantine vessels in Italy	158
Inequalities in healthcare utilization among older adults during the second year of covid-19 pandemic: findings from the share cohort	158
Use of the anti-covid vaccination status to support bed management activity as a preventive measure in the development of epidemic outbreaks	158
Primary care during the pandemic: lessons learnt from five European countries	158
Household food security access and dietary diversity amidst covid-19 pandemic in nepal; an evidence from rapid assessment	159
Association between bnt162b2 vaccination and quality of life up to 18 months post-covid19 among sars-cov-2 infected individuals in israel: a cross sectional survey	159
Health system resilience based primary health services in the covid 19 pandemic situation in depok city, Indonesia	159
Assessing the degree of doubt and the role of information sources among pregnant women who received covid-19 vaccination at an italian research hospital	159
Leveraging Electronic Immunization Registry to monitor the two-year impact of COVID-19 on uptake of routine immunizations in children under 2 years of age in Sindh, Pakistan: insights from big data analysis with > 6.9 million children	160
Effectiveness of vaccination on hospitalisation related outcomes: a population-cased study in Northern Italy	160
Living rapid review update 18: what is the specific role of schools and daycares in covid-19 transmission?	160
Prerequisites and response strategies for tackling a pandemic: lessons for secondary care from five European countries	161
COVID-19 infection in healthcare workers in ancona, Italy, 2020-2022: an observational longitudinal study	161
Health needs of migrants hosted on quarantine vessels in Italy during COVID-19 pandemic	161
Epidemiological transmission patterns and use of whole genome sequencing in investigating campus based covid-19 outbreaks during the second and third waves of SARS-Cov-2 infection	161
Policies and practices to attract, retain, support and reskill health and care workers during the covid-19 pandemic and future workforce development in Thailand	162
Epidemiological profile of covid-19 deaths in tunisia, 2020-2022	162
The use of telemedicine by physicians during the covid-19 pandemic in Brazil	162
A multi-country assessment of societal resilience and preparedness during covid-19 times. A review among the coronadx horizon 2020 project	162
Gender differences in covid-19 vaccine hesitancy in Western Balkans	163
Sex differences in psychosocial and economic impact of covid-19 among migrant origin populations compared with the general Finnish population	163
SARS-CoV2 pandemic and its confrontation in indigenous people: An experience with 34 Brazilian districts	163
App-based collection of real-world data on the covid-19 pandemic and vaccines in germany 2021-2022	163
The role of ships hospital in pandemic emergencies: Public health lessons learnt from the transformation of a ferry in a covid-19 ship hospital	164
Impact of lifting COVID-19 restrictions in mental well-being: a quasi-experimental approach	164
Long-covid experience and perceptions among primary care practitioners in germany - results from a nation-wide online-survey 2022-2023 ..	164
Sulodexide as a promising treatment of post COVID 19 symptomatic patients with endothelial dysfunction	165
Physical activity promotes social relationships during "lenient" COVID19 protection strategies	165
The experience of the covid-19 pandemic in fortaleza, Brazil: Public health in turmoil?	165
Virtual mourning, the experiences of iranian diaspora during COVID-19	165
Overdose deaths and the covid-19 pandemic in british columbia, canada	166
Etiological and prognostic roles of socioeconomic characteristics in the development of sars-cov-2 infection and related severe health outcomes: systematic review of population-based studies	166
Interviewing the interviewers: capturing oral histories and other qualitative evidence to describe the impact of covid-19 contact tracing ..	166
Risk of sars-cov-2 reinfection in sicily: A population-based evaluation of covid-19 events using current health databases	167
COVID-19 travel restrictions and Mongolians stranded abroad: mental health, discrimination, and social inequality	167

Using the ophelia process with marginalised communities during covid-19 crisis	167
Capacity-Building for Complex Crises: Developing public health leadership and meeting decision-makers' evidence needs.....	167
Intensive care unit hospitalizations and outcomes among patients with severe covid-19 in gauteng province, south africa	168
Learning from the COVID-19 pandemic response to strengthen undocumented migrant-sensitive health systems: case studies from four countries.....	168
Socioeconomic inequalities in vaccination against COVID-19 in Ecuador	168
Developing the individual capacity, the sense of health responsibility of hacettepe university faculty of education undergraduate students in the novel coronavirus disease (covid-19) struggle	169
Changes in behavioral cancer risk factors during the covid-19 pandemic: an umbrella review	169
Risk of covid-19 spread by undiagnosed cases in inpatients at a large tertiary hospital: transmission dynamics and learnings of two-year experience of surveillance (2020-2022)	169
Job strain during covid-19 in private healthcare facilities sousse: prevalence and associated factors (tunisia).....	169
Surveillance of sars-cov-2 load and types in open sewage streams within slum districts of medellin-columbia, caracas-venezuela, kampala-uganda, and suva-fiji: a multidisciplinary approach to inform public health on pathogen spread in low resource settings	170
Efficacy of COVID-19 vaccination campaign in elderly people residing in long-term care facilities: a retrospective observational study from Lombardy region, Italy	170
Socio-economic deprivation and sars-cov-2 related mortality: A retrospective observational study in the pre-vaccinal era.	170
From alpha to omicron: how variants shaped sars-cov-2 school transmission.....	170
Impacts of the oswaldo cruz foundation plan to combat covid 19 in the favelas of Rio de Janeiro: Community participation and inter-institutional work in response to the pandemic	171
Buffer spaces in healthcare facilities: strategies for managing and designing strategic areas	171
Mental health during the covid-19 pandemic, a population-based observational study of antidepressant dispensing	171
Brazilian northeast's responses to the covid-19 pandemic: what was missed to end the epidemic?.....	171
Risk factors associated with in-hospital death of COVID-19 patients in Khouribga province-Morocco, March, 13, 2020- March, 13, 2021 ...	172
Protection of Omicron BA.5 from previous Omicron BA.1/BA.2 infection- and vaccine-induced immunity	172
The role of biomarkers in diagnosis of COVID-19: a systematic review	172
Regional differences in population ageing and death rate due to COVID-19 in Bulgaria.....	172
Associated factors with acceptability of vaccination against COVID 19 among health workers in Koumpentoum Health District (Senegal)	173
Factors influencing the practice for COVID-19 prevention among health personnel in Tertiary Hospital, Bangkok Thailand	173
Effect of the COVID-19 pandemic on diet among university students in France	173
Impact of restrictive preventive measures during the COVID 19 pandemic on mortality in Bulgaria	173
Attitude of personnel's of Estonian nursing homes towards vaccination against COVID-19.....	174
Attitude of the Estonian-speaking population towards the COVID-19 vaccination	174
The impact of the COVID-19 pandemic on the physical activity of the population of adult residents of Lithuania	174
Study of the continuity of tuberculosis-related care during the COVID-19 pandemic between march 2020 and February 2021 in Senegal ...	174
Changes of influenza vaccination coverage rates due to the expanded free influenza vaccination program before and during the COVID-19 pandemic in Korea.....	174
Users' perceptions of medical services in primary health care during the COVID-19 pandemic in Fortaleza, Brazil	175
Suffering and pleasure in health workers on the front lines of COVID-19.....	175
Pre-COVID-19 cognitive social capital trajectories and peri-COVID-19 depression: a prospective cohort study in China, 2014-2020	175
COVID-19 outbreak: challenges reorganizing a university hospital setting and preserving non-deferrable cares in the South Italy	175
Comparative profiles of anti-SARS-CoV-2 IgG in the blood and milk of Brazilian lactating women vaccinated by mRNA and other vaccine platforms	176
KenyaRelief.org as an example of organized improvisation during the COVID-19 outbreak.....	176
Knowledge, attitudes, and practices in adapting to COVID-19 pandemic conditions: a cross-sectional survey among the Mongolian population (The second phase follow up study)	176
Healthcare workers and COVID-19 vaccination: a living systematic review.....	176
Crimes against life, health, sexual violence and accidental death during the COVID-19 pandemic in Bulgaria	177
Prevalence of postpartum depression symptoms in developed and developing countries in the COVID-19 pandemic: a systematic review with meta-analysis.....	177
Institutional care of older people during the COVID-19 epidemic in Croatia	177
Epidemiological profile of children and adolescents with COVID-19 in Tunisia, Mars 2020-August 2022	177
Citizen involvement in COVID-19 contact tracing with digital tools: a qualitative study to explore citizens' perspectives and needs	178
Brazilian National Front for strengthening long-term care facilities for older people: a necessary and efficient social movement.....	178
Perceptions on prevention measures for COVID-19 by users of Brazilian basic health units	178
Social skills associated with stress in university students after the return to face-to-face classes	178
The fight for the human right to health in the COVID-19 pandemic: the political participation of social movements.....	179
Containing Delta in Waikato New Zealand - partnering with Maaori for better outcomes.....	179
Distress and dependency during meals: the effect of COVID lockdowns on individuals with type-2 diabetes.....	179
Surveillance of SARS-CoV-2 in wastewater of Piemonte Region (Italy): trend and relationship to COVID-19 cases.....	179
Glycemic control, self-care, self-efficacy, and knowledge of people with type 1 diabetes using an insulin pump system before and after the COVID-19 pandemic.....	180
Hospital Information System administrative data to identify comorbidity and mortality among hospitalized COVID-19 patients (single center retrospective study).....	180

COVID-19 and mortality risk factors in a tertiary care center in central eastern Tunisia: a survival analyses.....	180
Brazil's primary health care response to the COVID-19 pandemic	181
Comparison, by country, of the uptake of COVID-19 vaccination by health care workers in the EU/EEA January - June 2021	181
Implementation of the international health regulations during the COVID-19 pandemic, a scoping review.....	181
Vaccination in children under 6 years old and the impact of the covid 19 pandemic. Cartagena, Colombia	181
Public perception and perspective towards COVID19 vaccination among students of University of Debrecen	181
Repercussion of the covid-19 pandemic on academic activity in graduation in health in a private education institution.....	182
COVID-19 and life expectancy in Mexico between 2019 and 2021	182
Prejudice and discrimination faced by nursing professionals in their community during the COVID-19 pandemic.....	182
Effects of the COVID-19 pandemic on access and delays in care for people with diabetes.....	182
Building on local strength: the Philippine toolkit on community-based management of COVID-19	183
Investigating Nurses' Perceptions of Organizational Resilience due to COVID-19 Pandemic	183
Uptake of non-mandatory bivalent COVID-19 booster vaccine among healthcare workers: results from an Italian teaching hospital.....	183
In vitro evaluation of virucidal activity of epoxy/clay nanocomposites	183
Environmental surveillance of Sars-Cov-2 in wastewater in Apulia region, Southern Italy	184
The safe resumption of face-to-face teaching in the COVID-19 era: precision containment strategies project (horizon Europe seeds, cup: H91121001650006).....	184
Antibiotic therapy in severe COVID-19 between March 2020 and July 2022 and correlations with outcome in an intensive care unit in central Italy	184
Registration of the activity of community health agents during the pandemic	185
Community narratives of members of a samba school in Brazil about the experiences and challenges of the COVID-19 pandemic.....	185
Barriers to leisure-time physical activity during the covid-19 pandemic: results from the longitudinal study of adult health (elsa-brasil)	185
Sociodemographic and clinical profile for the tests used for the diagnosis of covid-19 in the state of Rio de Janeiro, Brazil - 2020 to 2021	186
Lessons from the Bolivian covid-19 vaccine mandate	186
Psychosocial effects on the elderly, during the period of lockdown due to the COVID-19 pandemic, in a city in the interior of the state of São Paulo, Brazil, between 2020 and 2022.....	186
Safety and efficacy beliefs on covid-19 vaccination in perspective of the second booster dose administration: A survey experiment in the Italian population.....	186
Lessons learnt from the vaccination strategy against COVID-19 in Spain	187
Genomic surveillance of sars-cov-2 in Tunisia : January 2021-december 2022.....	187
Ethical justifications for the need for pandemic preparedness from SARS to SARS-CoV-2: a scoping review.....	187
The impact of the COVID-19 pandemic on mental health in South Korea	188
Preventing pandemics: the vital role of the law. Strengthening countries' legal preparedness for public health emergencies	188
Could humanity build a new planetary governance system able to tackle pandemics and other existential threats? a thought experiment	188
Pandemic Preparedness and Response in the post-COVID-19 era: Governance and PHSMs	189
Research use cases measuring the impact of COVID-19 on population health feeding into a federated research infrastructure	189
Global coordinated surveillance of human pathogens for public health responses to new, emerging, and re-emerging epidemics.....	189
Interventions to fight against covid-19 in different countries: Challenges and lessons learned.....	190
Simulation exercises to enhance public health pandemic/epidemic preparedness	190
From national to international health policy making: Lessons learned from ASPHER's covid-19 task force	190
Evaluation methods applied to digital health interventions: What is being used beyond randomised controlled trials? A scoping review	191
Marketing in the metaverse, noncommunicable diseases and human rights.....	191
The effectiveness of telemedicine interventions, delivered exclusively during the postnatal period, on postpartum depression in mothers without history or existing mental disorders: a systematic review and meta-analysis	191
The ethics of point of care devices and the need for AI policy frameworks in resource limited settings	192
Factors affecting successful post-discharge engagement of emergency department patients with opioid use history who received telehealth recovery coaching services	192
Pilot-testing the prototype of a smartphone application for smoking prevention and cessation among HIV care providers.....	192
CORêHealth: operating center of telemedicine for chronic conditions and clinical networks	192
Association between e-health literacy and vaccine hesitancy among non-health college students at King Faisal University.....	193
AI governance in public health systems	193
The effect of WhatsApp group-based digital health interventions on increasing anemia knowledge in college female students.....	193
Culturally safe eHealth: what is 'best practice' and who determines it?	193
A digital solution to support the Multidisciplinary Tumor Board activities: implementation process and impact analysis.....	193
How can we build public trust in personal data use in health systems? Evidence-based guidance.....	194
Promoting physical activity among university students using social media or text messaging: a systematic review.....	194
How to measure digital public health system maturity on a national level: an international interdisciplinary Delphi study.....	194
Adjusting to digital change: learnings from five hospitals using mHealth for gestational diabetes management.....	194
Exploiting digital social diffusion: problematic dissemination of prescription drug news in Latin America.....	195
Association of waiting time and satisfaction level of patients with online registration system in a tertiary level medical institute Outpatient Department (OPD)- a case control study	195
Data sharing barriers and enablers for healthcare Artificial Intelligence (AI) in Low- and Middle-income countries	195
Machine learning prediction of suicidal ideation among college students during the COVID-19 pandemic	195
Exploring maternal mortality in Southern Ethiopia: a qualitative study	196

Data quality assessment of mHealth systems: strengths, potential limitations and opportunities for improvement; Case of Yendanefe system in Neno District, Malawi	196
Medical artificial intelligence readiness of medical students in Turkiye	196
Patient satisfaction on the utilization of Video Observed Therapy (VOT) at the Vicente Sotto Memorial Medical Center (VSMMC), Cebu City, Programmatic Management of Drug Resistant Tuberculosis Satellite Treatment Center (PMDT STC) during the COVID-19 pandemic.....	196
Italy's journey throughout the pandemic: sentiments and attitudes in 2 million tweets.....	197
Prediction models for intrauterine growth restriction using artificial intelligence and machine learning: a systematic review and meta-analysis	197
Analysis of the specialist outpatient visits potentially deliverable via telehealth: a cross-sectional study	197
A novel geographic ecological momentary assessment tool used to measure wellbeing and sleep quality based on exposure to parks	197
Territorial health digitalization in a Local Health Authority of central Italy.....	198
The "PAITA" study: a multicentric cross-sectional study on physicians' attitude and trust towards Artificial Intelligence applications in healthcare.....	198
Mobile-assisted medication adherence support intervention among tuberculosis patients: a parallel group randomized control trial.....	198
The Italian national artificial intelligence platform to enhance health experience and outcomes	198
Moral health resources assessment using Mobile Application Rating Scale (MARS)	199
Support to responsive parenting through m-health	199
Health care risk assessment of the effectiveness and efficiency of COVID-19 remote patient telemonitoring	199
A global adoption of cryptocurrency and blockchain technology; assessing the challenges of integrating digital coins and blockchain technology into the healthcare system.....	199
Fluoride-related misinformation analysis on Twitter: Infodemiology study	200
Can the apple watch ECG app be successfully used for measuring stress?	200
Telemedicine in the monitoring of covid-19 patients: general practitioners' usage, facilitators and barriers in the local health authority roma 1	200
Digital divide older adults' approach to digital health: an integrative review	201
A systematic review of conversational artificial intelligence for smoking cessation	201
Evaluation of data management systems for COVID-19 vaccine rollout in Australian health systems: a public health perspective.....	201
Digitize to reach and track: An retrospective analysis of digitalized immunization data for children under one year in Bangladesh from Pre-COVID and during-COVID era	201
Changing dimensions in immunization: Implementation research on the E-tracker intervention for improving vaccination of children in Dhaka and Moulvibazar, Bangladesh.....	202
Implementation of the PANDA mHealth system for providing a positive pregnancy experience in Tanzania	202
Mortality and Adverse Health Outcomes Associated with Telehealth: Systematic Review and Meta-Analysis.....	202
Preliminary results from a multi-country survey investigating citizens' attitudes towards personalized medicine and data sharing	203
Feasibility of telemedicine in anaesthetic preoperative evaluation: the organisational management experience of a teaching hospital in Italy ...	203
Identification and classification of tobacco-promoting social media content at scale using deep learning: a mixed-methods study	203
A Scoping Review of the Existing Telemedicine Applications in India: Learnings for the Future	203
Artificial Intelligence for social media monitoring of attitudes towards COVID-19 vaccination: a scoping review.....	204
Algorithm for automatic diagnosis of COVID case	204
Fostering exchange of genomic data between European countries for clinical and research purposes: the genomic data infrastructure (gdi) project	204
Improving the effectiveness of telemedicine in rural communities: reflecting on client and provider experience of esanjeevani jharkhand	204
An exploration of mothers' and fathers' perspectives on a mhealth application to support parents in the first 1,000 days of life.....	205
Improving vaccine distribution on the "last mile" or in complex challenging situations	205
The overcome of public health research data management chaos: exploratory study on research infrastructure implementation	205
Tooth detection and numbering in panoramic radiographs using an artificial intelligence approach	205
Fighting denutrition in nursing homes.....	206
Paths to a public oral health for indigenous peoples: the use of the performance indicators evaluation matrix	206
Implementing a Pregnant Women And Birth Registry in Karachi, Pakistan to provide digital identity to newborns and administer birth dose vaccinations.....	206
Designing and developing a telehealth services implementation model for tribal areas in nashik district, maharashtra	206
Creating a clinical decision-making algorithm in order to build a one health knowledge repository to help support and improve the public health surveillance system.....	207
Assessment of quality attributes impacting end-users' experience with mobile health applications in saudi arabia: A systematic review ...	207
Infectious disease tracker-mysejahtera mobile apps	207
Human factor on data safety: Resident doctors attitude towards cybersecurity on the workplace	207
Telehealth as a tool to optimize the pre-hospital pathway: An extreme case study in southern Italy	208
The use of social media-communities by diabetes patients - a scoping review.....	208
Telemedicine and chronic patient: perceived effectiveness of asthmatic children's caregivers.....	208
Methodological approaches based on machine learning in the use of big data in public health: a systematic review	208
Exploring data visualizations as a tool to make ai more accessible for qualitative researchers in the healthcare field.....	208
Impact of digital health interventions for adolescents with type 1 diabetes mellitus on health literacy: a systematic review.....	209
A pilot randomized trial for smoking cessation app in Arabic language: a study protocol.....	209
Study on effectiveness of online learning among medical students of Bpkis during COVID-19	209
Please mind the gap between guidelines & behavior change: a systematic review and a consideration on effectiveness in healthcare	209

Implementation and evaluation of an interprofessional Tele-Care approach in home care in Germany	210
Preventing public health crises: an expert system using Big Data and AI in combating the spread of health misinformation	210
Use of telehealth resources in primary care and its association with facing the COVID-19 pandemic in Minas Gerais, Brazil	210
Mental health topics in social media during the COVID-19 pandemic - a literature review.....	210
Use of social media associated with health promotion: a new reality in Dentistry.....	211
The "Octopus" project: a digital health model for suppling glaucoma care in Italy	211
The evaluation of the use of digital media as a tool in oral health education strategy at the odontosec mobile unit.....	211
Dashboard as a public transparency tool for management and planning data in Brazilian healthcare system.....	211
Philippines's Family Planning Health Information System: From the Implementers' Lens	212
Patient Experience of Using Telehealth Services during COVID-19 in Dubai Health Authority: A cross Sectional Electronic Survey	212
Education in type 1 diabetes mellitus through virtual method and its influence on metabolic control - a pilot study	212
Enabling digital health access for the vulnerable and marginalized population in India.....	212
Health information system evaluation tools: a scoping review and tool development	213
Methodology for diagnosis of the current state of supply chain quality management in the maternal perinatal care route in disparate rural territories.....	213
How to evaluate health and medical apps in public health - what are alternatives to randomized controlled trials?	213
Learning from digital public health interventions in practice: challenges we embraced.....	214
How to achieve effective interdisciplinarity in digital public health practice	214
Human-centered design approaches to develop digital tools to enhance Indigenous health.....	214
Dealing with infodemic and health mis/dis-information: new public health organizations' proposals.....	215
Addressing the Infodemic from a Health Information Equity Lens	215
Digital Public Health Governance - navigating complex structures.....	215
Precision medicine as the future of public health	216
Insights into challenges of health interventions going digital - a perspective from human-computer interaction, law and sociology.....	216
Key considerations in digital population health interventions	216
Exploring the Use of Digital Health Innovations to Improve Health Equity: An International Perspective.....	217
100 million Brazilian cohort and the cidacs birth cohort: Record linkage national data resources	217
Analysis of reasons for rejection of biological specimens at national health laboratory service - Dr George Mukhari Tertiary Laboratory ...	218
Modern doctoral program in public health and social science in Georgian universities	218
Strengthening ethics in Ebola research: a toolbox developed with and for limited literacy adults in Ebola-affected countries	218
Educational achievement of children with selected major congenital anomalies and associated factors: a Finnish registry-study	218
Inter Professional Education (IPE) and team-based practice in Africa: the missing link	219
Training of health professionals to implement the overweight and obesity reduction policy.....	219
A capacity development framework for research ethics committee administrators	219
Serious game: educational technology for nurses of Primary Health Care.....	219
Assessment of knowledge gaps about ionizing radiation among public health specialists in Lithuania	220
Implementing Health-Promoting Schools - Focus on ergonomics: are we verifying the effectiveness of awareness educational programs? A pilot study on the experience with middle-school children.....	220
Exploring doctors' trade-offs between management, research, and clinical training in the medical curriculum: a discrete choice experiment in southern Africa	220
The discrepancy of premortem clinical and post-mortem autopsy of lung pathologies in under-five deaths and the reasons of discrepancy among cases included in CHAMPS research, a case series study.....	220
The terrible "C word": Dismantling coloniality and hegemonic structures in health education.....	221
Movement from knowledge-based to competency-based MPH curriculum in the United States.....	221
Development of innovative strategies to evaluate teaching-learning processes in public health	221
Student experiences and perceptions of content and learning processes during the fully online Postgraduate Diploma in Public Health....	221
New competences in MBA for healthcare programmes on the example of digitization	222
Field epidemiology training program in West African Portuguese speaking countries: building capacity while strengthening health systems for health surveillance and outbreak response	222
Measuring student engagement in a fully online programme in public health.....	222
Evaluation of an online-learning course in Primary Health Care for all Italian Public Health Residents.....	222
Students learn better when we design public health curricula using systems thinking principles.....	223
Investigating the international immigration tendency of intern doctors in Turkiye and related factors.....	223
Changes in cultural competency among emergency department staff in a large urban hospital following the implementation of an Indigenous Cultural Safety education program.....	223
Perceptions towards an e-learning approach Public Health students at a South African University.....	223
Piloting the Informed Health Choices resources in Barcelona primary schools: a mixed method study.....	224
How do young women perceive and shape the culture of postsecondary education in rural Canada?	224
Examining the development, implementation, and sustainability of a tuition assistance program in a rural Canadian community	224
Developing a framework for collaborative education and training of the next generation of global health professionals: experiences and challenges	224
Are students and teachers of Slovak medical university motivated for physical activity?	225
Defining the elements of a regional accreditation system for academic institutions of public health in Africa: methodological processes	225
Current problems in nursing and midwifery research in Bulgaria (2020-2022)	225

Implementation of a comprehensive approach to health promotion at the school and community levels: preliminary findings from the Alliance for Health project	225
The necessity of research skills training for nurses and midwives in Bulgaria	226
Health care professionals' knowledge on chronic noncancer pain in pediatric age	226
Pre-service teachers' experiences with students impacted by Trauma in the school setting	226
One Health, Multiple backgrounds	226
Study on the satisfaction of medical students with distance learning during the period of COVID-19 restrictions for the perspective of the Karaganda Medical University, Kazakhstan	227
Virtual, augmented, immersive reality and metaverse in the medical students training: a systematic review	227
Climate crisis and planetary health in Italian medical schools' curricula: a scoping review	227
Impact of an infection prevention and control intervention on the management of a mdrb outbreak in a medical department	227
School based HIV education affecting girls in selected countries in Sub Saharan Africa	228
Competencies of family practice for providing integrated care for people living with HIV	228
Mental health and citizenship: understanding and fighting prejudice through education	228
Are trained family planning service providers competent? analyzing the results of diagnostic workshops to improve capacity building in family planning	228
Midwives' self-efficacy during the COVID-19 pandemic	229
Association of study- and health behavior-related factors with university students' health and health literacy - A monocenter cross-sectional study in Germany	229
Using virtual reality in a blended learning course of clinical reasoning competency in primary care: a case study in Central Vietnam	229
Indian experience of tetanus - a study from South India	230
What training and competencies are required for public health practitioners to support the digital transformation of public health? A rapid review	230
Tobacco as a threat to the environment: an experimental awareness campaign targeted at youth	230
Integrated case management: a tool capacitating the resident trainees on the six roles of primary care provider	230
Training, qualification and title of health professional specialists in Brazil	231
Lessons from India: outcomes of an overseas field trip for public health students	231
Education A powerful tool for combatting health effects of climate change	231
Training in health promotion for nurses	231
Framing public health education to meet the needs of professionals for war and peacebuilding	232
Community-based strategy for peer education on sexual and reproductive rights in the community of basurí istmina, chocó colombia, 2021-2022	232
Is public health education and training adequately responding (or not) to emerging priorities?	232
Citizen diplomacy for incidence and advocacy in public health, a new model	232
Effect of therapeutic education on the adherence to nicotine replacement therapy in a smoking cessation center	233
Changes in the food consumption of university students during the years 1992-2019	233
Using popular education in health during the COVID-19 pandemic with women who suffered violence: an experience report	233
The use of social media to facilitate student-led initiatives in undergraduate medical education	233
Training of health management students in Workplace health promotion	234
Educational video to guide parents and caregivers of children using a clean intermittent bladder catheter	234
Postgraduate Education in Health: A Case Report from Cabo Verde	234
The use of multidimensional scales for the evaluation of computing students' digital health literacy	234
Factors associated with knowledge for the prescription of exercise in patients with cardiovascular risk in health personnel at the first level of care	235
DECLIC patient education program: assessment through a population health intervention research approach (LE DECLIC EPRI)	235
Barriers to breast self-examination among Tunisian women	235
Analysis of the professional master's degree as a stricto sensu modality of training SUS professionals: a case study of PROFSAÚDE-BRAZIL	235
Integrating health sector reform strategies in developing the national training manual for community health volunteers in the Philippines	236
Group work in a health promotion subject: the role of compassion for oneself, toward others, and from others	236
A literature review of recovery from different disasters for developing future trainings	236
Importance of motor development in the training of young athletes	236
Incorporating the Sustainable development goals into the undergraduate medical curriculum	236
Health Literacy with the project "Pathways to Longevity" at the Social Service of Commerce - Rio de Janeiro, SESC RIO DE JANEIRO	237
Bringing comprehensive sexuality education into Italian lower secondary schools' practice: A pilot study	237
Comparison of conventional cardiopulmonary resuscitation (cpr) training course versus video-based simulation on nursing students of dow university of health sciences	237
Permanent education as a strategy to strengthen multidisciplinary teams to work in indigenous health in Brazil	237
Role of professional training institutes in building Health Workforce Capacity: example of IAPH	238
Sharing good practice from global accreditation in public health education	238
Preparing the public health workforce through credentials, certificates and certifications	238
Closing the gap: the distribution of postgraduate medical specialty training posts to narrow health inequalities	239
Advancing and building infodemic management training for public health: introducing the Society for Infodemic Management (SIM)	239
School-based comprehensive sexual health education - from evidence to implementation and evaluation: case study from Italy	239
Updated ecdc core competencies in applied infectious disease epidemiology: Processes, outcomes and opportunities for international academic collaboration	240

World café on the health promotion posture of public health professionals	240
Public health ethics in the education and training of our public health workforce	240
Decolonizing approaches to transforming public health, valuing indigenous knowledges and human rights	241
Spatial patterns and inequalities in skilled birth attendance and caesarean delivery in sub-Saharan Africa.....	241
Mortality from chronic noncommunicable diseases in Portuguese-speaking countries and sustainable development goals targets in 2030	241
Exploring health equity in Lesotho's child grants program	241
Gypsies and Travellers' health status, access to healthcare and health prevention in relation to their environmental and living conditions in Nouvelle Aquitaine, France 2019-2022	242
Changing scenario of economic dependency and self-rated health among older adults in India from 2004 to 2018.....	242
The socio-economic inequity in child nutritional status in Low- and Middle-income countries.....	242
Whistleblowing as an anti-corruption strategy in health and pharmaceutical organizations: a scoping review	242
Models of COVID-19 vaccination services in prison in six European countries: translating emergency intervention into routine life-course vaccination	243
Multicomponent measures to assess the sustainability of diets: a systematic review	243
Use of child restraint systems in the Gulf region: a systematic review.....	243
Teaching and learning of social determinants in health in the region of the Americas	244
Employment conditions and mental health of female migrant domestic workers in Hong Kong: a parallel mediation analysis	244
Associated factors of interventions promoting COVID-19 vaccination among undeserved population in the Greater Paris area and Marseille....	244
Conditional cash transfer programs and HIV/AIDS incidence in Guatemala: an exploratory analysis	244
Enhancing health equity and public health infrastructure	245
Measuring health equity in the ASEAN region: conceptual framework and assessment of data availability.....	245
Understanding the non-use of harm reductions services by socially included women who use drugs	245
Application of health equity audit to emergency care for acute myocardial infarction.....	245
Australian child and youth health and education wellbeing policy: are we addressing the social determinants of health?	246
Defining rural surgery: the Philippine perspective	246
Catastrophic injury related disability - A social determinant-based approach to achieving optimal community rehabilitation outcomes	246
Inappropriate and inedible: public health insights into supermarket donations to an Australian food bank	246
Equity and gender orientation of antimicrobial resistance policy formulation in Australia and Germany	247
Assessing community barriers exacerbating viral non-suppression in children living with HIV (CLHIV) in Mangochi, Malawi	247
The emerging field of legal epidemiology and its global potential for better health.....	247
Complementary medicine approaches among homeless individuals in Switzerland: Desirable? Relevant? A mixed-method descriptive study....	247
From evidence to practice: implementing effective nutrition and high-quality early childhood education in low resource settings, the successful case of the Guatemala city municipal nurseries	248
Rapid methods to monitor nutrients in sustainable healthy diets of collective catering systems	248
Unemployment status subsequent to cancer diagnosis and therapies: a systematic review and meta-analysis.....	248
Observed neighborhood physical disorder and health behaviors in a large urban area	248
Maintaining personal health in a complex environment: how slum dwellers in Nigeria use lay consultation networks to make personal treatment decisions	249
Household food security and household dietary diversity in rural Bangladesh during the COVID-19 pandemic - baseline results from a community-based cluster randomized controlled trial.....	249
A posteriori derived dietary patterns of adults in Italy: results from the third Italian National Food Consumption Survey, INRAN-SCAI 2005-06....	249
Health literacy related to health care, disease prevention, and health promotion in the Italian adult population.....	249
The relationship between blood pressure variability and cognitive function	250
Disentangling the multigenerational transmissions of socioeconomic disadvantages and mental health problems by gender and across lineages: findings from the Stockholm Birth cohort multigenerational study	250
Educational trajectories and inequalities in longevity: a comparison across 14 European countries	250
Masculinities in focus: how can the consideration of gender roles pave the way for gender-transformative healthcare services and improve health for all?	250
Monitoring health in the Brazilian municipalities for the Sustainable Development Goals (SDGs)	251
Post-pandemic health inequalities: global estimates of the evolution of the health-related SDG indicators.....	251
"We've been portrayed as commodities who because of their age are a bit of a nuisance": A qualitative analysis of older people's socio-ecological determinants of health and well-being during the COVID-19 pandemic in Ireland	251
Food choices and nutrient intake of workers in the hospital canteen of San Daniele del Friuli, Italy	251
Women's collectives address health determinants in urban slums of Indore, India	252
Access to COVID-19 prevention, diagnosis and care for migrants and ethnic minorities in the WHO European Region: a systematic review.....	252
Evaluating the intersectionality of social determinants of health on AIDS using a cohort of 28.3 million Brazilians.....	252
Understanding the role of socioeconomic status on children's mental health, accounting for neighbourhood effects.....	252
Social determinants of the health behaviours of children and adolescents during the COVID-19 pandemic.....	253
The impact of celebrity and influencer endorsement on the gambling attitudes of Australian young people.....	253
Australian women's attitudes towards alcohol industry sponsorship of women's sport.....	253
Health Action Zones in Sicily: a model to identify social and health inequalities.....	253
Exploring the determinants of demand for solar systems in Ghanaian Healthcare Facilities - a choice experiment.....	254
What does the world think about working or not? World Values Survey 2017-2022	254
Knowledge and practice of biosafety among laboratory staff in Tunis governorate, Tunisia	254

The 2008 economic crisis' impact on perinatal and infant mortality in Southern European countries.....	255
Cancer-related incidence and mortality among children and adolescents in the MENA region countries: Gap between rich and poor countries..	255
Living in poverty is associated with accelerated biological aging	255
Reframing Health in Urban Airport Regions	255
Identifying health literacy profiles among migrant communities to improve health and equity outcomes	256
IQOS marketing to points-of-sale in Israel: a cross-sectional survey with Arab and Jewish retailers	256
Socioeconomic disparities of life expectancy: Analysis of 34 provinces in Indonesia as of 2019	256
The geographical access of users with diabetes and hypertension to the 'there's a people's pharmacy here' programme (atfp), Brazil	256
Intergenerational transmission of self-reported body mass index in the context of social mobility - evidence from german longitudinal data.....	257
Sleep disorders among medical students in the Middle East and North Africa: a systematic review and meta-analysis	257
A gender equality assessment tool for the prevention plan of five italian regions	257
Social sustainability of healthcare systems: a scoping review.....	257
COVID-19, breast cancer care, and social determinants of health: a cross-sectional study to investigate the impact of a pandemic on health and health care.....	258
Exploring the association between covid-19 vaccination coverage and socioeconomic factors in high income countries	258
Understanding the social determinants of child mortality in three latin american countries: an approach with machine learning	258
Trend and magnitude of homicide mortality inequality in the city of são paulo, Brazil, 2006-2019	258
An intervention program to promote sustainable healthy consumption in foodservice.....	259
Analysis of Emergency Room accesses at IRCCS Ospedale Policlinico San Martino, Genoa, north-west Italy: differences between Italian and foreigner Liguria residents	259
Self-reported vs measured body mass index in the italian adults within cuore project 2018-19	259
Social determinants and diagnosed non-communicable disease in the adult Indonesian population: Longitudinal study from Indonesia family life survey 2007 and 2014	260
Pathways towards zero hunger - food security, safety and sustainability in India.....	260
Community mobilization in preventing non-communicable diseases through pbri model among older adults dwelling in Thailand.....	260
Intervention strategies and techniques to promote health literacy among socioeconomically disadvantaged groups - a systematic review with albatross plots	260
Primary care organisation in remote rural municipalities in Brazil.....	261
Social inequality in smoking in Mongolia	261
The changing burden of disease: causes of death and social inequality, Amsterdam; from 1854.....	261
Premature mortality and levels of inequality in years of life lost across 296 regions of 31 European countries in 2019: A burden of disease study	261
Integral strategy for the strengthening of agrifood practices and knowledge, and income generation for afro-colombian, indigenous and migrant communities in colombia, during the pandemic	262
Education and inequities in mortality: a global systematic review and meta-analysis	262
Palestinian health care providers' barriers to ask about violence: a qualitative study.....	262
Population health and burden of disease profile of south african women between 1990 and 2019.....	262
Is it acceptable to consume alcohol at scientific events?.....	263
Results of the social innovation workshops developed in dispersed rural territories, using the phases of the desing thinking methodology.....	263
Violence against women by intimate partners in the COVID-19 pandemic: an analysis of reported cases	263
Describing the occurrence of Hypoxic Ischemic Encephalopathy disease in Huye district, Rwanda,2021	263
Health literacy for Tunisian youth: What should we do for effective prevention of hemoglobinopathies?.....	264
Comparing characteristics of food insecure and food secure patients in an underserved heart failure clinic	264
Health determinants related to low levels of Vitamin D, in women of childbearing age and older people in the Chilean population, according to the National Health Survey 2016 - 2017	264
The determinants of the acceptance of restrictions on unhealthy food advertising	264
Evaluation of the health rights of sex workers: overview of rights violations	264
Knowledge, attitude and practice of healthcare providers who may come in contact with women who have experienced intimate partner violence: qualitative research.....	265
The childhood-adolescence transition in a poverty area in Brazil: promoting Public Health actions and integrating university and community ...	265
University third mission program: contributions to the care of socially vulnerable communities.....	265
The social determinants associated with the advanced stage diagnosis of breast cancer in Egypt in the previous ten years: a single-center quantitative retrospective cohort study.....	265
Sexism and the intention to use the male contraceptive injection	266
Cross-sectional analysis of family determinants of lifestyle habits in a sample of Italian primary school children: the I-MOVE Project.....	266
Estimation of the correlation between the social determinants and the obesity during the pre-adolescent age of the apulian population in Southern Italy.....	266
Challenges in Public Health: SARS-CoV-2 vaccination of hard-to-reach population during COVID-19 pandemic. Experience of a local health authority in Lazio Region (Italy).....	266
Substance use among Serbian adolescents -prevalence, trends and comparison with European countries	267
Prevalence of alcohol consumption in the population of the municipality of Mitú 2022: cross-sectional study applying the audit test.....	267
Development of health literacy in Czech Republic	267
COVID-19 infection and comorbidities: A cross-sectional study on two central Italy prisons	267
Sociodemographic characterization and access to health services in the gypsy community of barcelos, Portugal	268

Realist evaluation of effect's conditions of health mediation on healthcare utilization and participation in cancer screenings among underserved populations: The eceso protocol study	268
Evaluation of waste reduction promoted by the implementation of digital x-ray in social service of commerce dental clinic between may 2022 and november 2022 and it relation with the united nations sustainable development goals	268
Barriers to healthcare services access among nursing students	268
Occupational health surveillance in Brazil: challenges in implementing the sustainable development goals in the 2030 agenda.....	269
Equitable accessibility to health services using timely measurements.....	269
Incarceration, inclusion, and health equity: evidence, perspectives, and future directions	269
What could go wrong? How to critically analyze the unintended effects of public health interventions on health inequities	269
The political determinants of health: a local perspective	270
Sustainable Global Health Equity: acting locally, thinking globally	270
Co-building new partnerships, policies and practices for health, social wellbeing, and sustainability.....	270
Getting to the details: Understanding the commercial determinants of health by learning from local experiences and difference contexts	271
Free and charitable clinics	271
Social and environmental determinants of health inequalities	271
5 practical actions for national health literacy development.....	271
Experiences of primary care workers in the implementation of primary health care approach to address noncommunicable diseases: a qualitative case study	272
Factors associated with patients defaulting HIV treatment at Helen Joseph Hospital, Gauteng Province, South Africa	272
Association of antiretroviral therapy adherence and health-related quality of life among people living with HIV/AIDS currently enrolled at a Tertiary Government Hospital treatment hub in Cebu city, Philippines during the COVID19 pandemic.....	272
Integrating rehabilitation services into primary health care: policy options for Iran.....	273
A scoping review of community health needs and assets assessment: concepts, rationale, tools and uses.....	273
Impact of volunteering in promoting active aging	273
Health mothers' groups in Nepal: barriers, facilitators, and recommendations	273
Data-driven change: assessing health promotion in the hospital/health service setting	274
Effectiveness of interventions to reduce social inequalities of overweight and obesity in adolescents: a systematic review and meta-analysis	274
Comparative understanding and preference of Nutri-Score and NutriInform battery in a sample of Spanish consumers	274
Evaluation of the happy child program: a randomized study in 30 Brazilian municipalities	275
Impact of a high-resolution primary care emergency center over emergency department demand.....	275
Street Medical Consultation: a care model for homeless people in Brazil.....	275
What makes a health promotion intervention in school a perceived as a "success"? Correlates of perceived success of health-promoting interventions in elementary schools in Quebec, Canada.....	275
People's health development using the PI model for persons' care in a community in One Province, Thailand.....	276
Health-promoting schools in Latin American countries: a systematic review on internal and external validities	276
Major public health problems in Nigeria.....	276
Beyond standardized healthy food promotion interventions: understanding culinary practices as care among South Asian women in Hong Kong.....	276
Community-based intervention for promotion healthy ageing through MAHA mobile application	276
The need for healthcare public health to be the third domain	277
Boost smoke-free environments: how small incentives for local policy can trigger big changes	277
Nudging as a tool to prevent tobacco and alcohol use: findings from a scoping review	277
Healthy cities status analysis by a survey for healthy city managers in Korea	277
"Why will I use Family Planning? I don't want to have a family yet." Defining the Delayers, an overlooked Family Planning audience.....	278
Association between health status, behaviour and communicative health literacy-Results of a Hungarian nationwide survey	278
Health Promotion in Italy: structures and activities of the NHS.....	278
Acceptance of a blended physical activity intervention among German older adults - Results of a quantitative and qualitative feedback analysis	278
Opportunities and challenges of integrating eye care and neglected tropical diseases services in primary health care setting in sierra leone: a mixed method study	279
Human papillomavirus vaccination uptake: preliminary results of a cross-sectional study in Italy	279
The family and community nurse as a resource to promote health: The pilot experience of an health district in the metropolitan city of rome ...	279
Users characteristics of a park-based physical activity promotion in an urban context	280
Adapted physical activity for osteoporotic women with vertebral fractures: reading results of a qualitative study in a quantitative perspective	280
Engaging academic institutions in public health programs: lessons from anemia control program in India.....	280
Effect of the 'there's a people's pharmacy here' programme on hypertension and diabetes-related mortality.....	280
Mortality analysis for the state of Rio de Janeiro, Brazil: Observing the public health system conditions.....	281
Mental health-promoting interventions in elementary schools: School context correlates of availability and alignment with evidence-based practices.....	281
Measuring the sustainability of health systems using absorptive capacity: Imbibing sustainable processes and outcomes	281
Profile comparison of Brazilian and haitian pregnant women and their newborn babies in pato branco, Brazil, from 2015 to 2019	281
Implementing a community led health systems strengthening intervention in sierra leone to address shocks, increase inclusivity, accountability	

and trust, and support health system resilience	282
Ervcial cancer screening and hpv vaccination: strategies for increasing vaccination coverage in women aged 25 to 45 in asp of catania (sicily)	282
Did the use of HTPs help people to stop smoking?	282
Hospital Staff Morale Boosting Program - Focusing on the Health Promoting Hospital (HPH) Activities & Responses of Participants.....	282
Effectiveness of invitation methods in cancer screening programmes targeting the general population: a systematic literature review.....	283
Habits and lifestyles among medical students: smoking status as a possible risk factor.....	283
Are avoidable hospitalizations associated with the primary healthcare governance model? a public health perspective.....	283
Rethinking the Italian healthcare network. Community Healthcare Centers, Community Hospitals and Local Operative Centres: From the functional aspects md 77/2022 to the metaproject with the spatial features and performance requirements to be guaranteed	284
Optimizing the primary health care workforce to achieve timely healthcare that meets the population's needs: Romania's human resource in primary care.....	284
Identification of priority action areas for improving romanian family doctors' satisfaction and performance	284
Factors associated with the implementation of an improved community health fund in the Ubungu Municipality Area, Dar es Salaam Region, Tanzania	284
Dynapenic abdominal obesity and sociodemographic, clinical and nutritional factors in individuals with chronic kidney disease on hemodialysis.....	285
Facilitating policy, systems, and environment changes through community-based micro-funding in West Virginia, USA	285
Macrostructural processes and their impact on the interprofessional proposal in mental health: a study in a city in the state of São Paulo, Brazil	285
2022 Recovering beneficiary health follow-ups from the public welfare program Auxílio Brasil in a southern Brazilian state: strategies and results	285
Qualitative analysis of the use of the "evaluation of siderail use" instrument in a public emergency hospital	286
Quality and patient safety: experience report in the management of hospitals in the municipality of Rio De Janeiro	286
Net Promoter Score (NPS) in the primary health care services in Brazil	286
Sex education: determining factor for the intention to use the male contraceptive (Vasalgel)	286
Reception in urgency and emergency services: ethical-political technology in the management of health care networks.....	287
Workplace health promotion initiatives for Italian healthcare workers demonstrate an investment for workers, the organization and the society in the context of total worker health	287
Evaluation of health promoting activities by a culturally adapted "Self-Review Tool" in a Bulgarian university	287
Theoretical derivation of a telephone-based health coaching intervention	287
Factors influencing exclusive breast feeding among children born to HIV positive mothers attending public health facilities in Western Ethiopia	287
Health education in primary care in Brazil and the social production of knowledge	288
Training of public school students in the district of Conceição de Jacareí, Mangaratiba, Rio de Janeiro/Brazil as multipliers and protagonists in the dissemination of relevant topics in oral health	288
Cadmium exposure and hypertension: a systematic review and a dose-response meta-analysis	288
People's attitudes and health behavior based on their habits and experience versus scientific evidence.....	288
A better lifestyle favors the adoption of integrative and complementary therapies: the Brazilian national health survey	289
Analysis of medicines provided by court order in a children's hospital in Rio de Janeiro, Brazil	289
Equally improving human, animal, plant, and environmental health through 'One Health' approaches in the LMICs.....	289
Developing a critical global public health agenda for traditional, complementary and integrative health care.....	289
Plumbing poverty, plumbing violence: water security, gender based violence, and SDG 6.....	290
Effectiveness of household measures for the disinfection of water for human consumption in the context of Santarém, Pará, Amazônia, Brazil	290
What happened to the M.chimaera contamination of the heater cooler units? An underestimate risk	290
The shape of water - preliminary data from a cluster of patients infected by Mycobacterium saskatchewanense in Haemodialysis setting in Emilia-Romagna, Northern Italy	291
The water safety plan for the control and prevention of waterborne diseases in a hospital of Southern of Italy.....	291
India's achievement towards sustainable development goal 6 (Ensure Availability and Sustainable Management of Water and Sanitation for All) in the 2030 agenda	291
Healthcare associated infections in a neonatal intensive care unit before and during COVID-19	291
Identification and management of a toxic anterior segment syndrome hospital cluster	292
Artificial intelligence vs conventional models to predict risk contamination of Legionella in the water network of an Italian hospital pavilion	292
Outbreak of omphalitis cases in new-borns in a tertiary hospital in Madrid. Epidemiological multiple case study	292
A new efficient antibacterial nanohybrid obtained by direct conjugation of titania and silver nanoparticles	293
Healthcare personnel compliance with World Health Organization five moments of hand-hygiene at the university hospital of Modena in 2022	293
Enhanced terminal disinfection of high touch surfaces in hospital critical settings using an automated UV-C emitting device.....	293
Evaluation of correct hand hygiene for preventing healthcare associated infections: A study among healthcare workers at A.O.R.N. cardarelli	293
The impact of covid-19 pandemic on healthcare associated infections in intensive care units: findings from the spin-uti project	294
Persistence of the SARS-CoV-2 virus on the surfaces of CoViD-19 departments before and after sanitization interventions with a) hydrogen peroxide and silver ions b) after nebulization with active chlorine	294
Resveratrol reverts tolerance and restores susceptibility to chlorhexidine and benzalkonium in gram-negative bacteria, gram-positive bacteria and yeasts	294

Pre-post study on the microbiome profile of a water network treated with hydrogen peroxide in an Italian hospital.....	294
Water, sanitation, and behavioral education strategies for neglected infectious diseases in the Amazonian indigenous context: a scoping review	295
Airborne microbiological contamination: are there too many people in operating rooms?	295
A case report of 3 Saprochaete clavate disseminated infections in hematological patients at IRCCS Ospedale Policlinico San Martino, Genoa, Liguria, North-West Italy	295
Environmental factors associated with recreational water quality	296
Health care waste management at a university hospital in Tunisia: Is there a gap between knowledge and practice?.....	296
The importance of supervision practice in applying an operational plan to prevent Legionellosis in a hospital.....	296
Seroepidemiological study of Caprine Toxoplasmosis in public health.....	296
Access to water, sanitation and hygiene for homeless population: experiences from São Paulo city during the COVID-19 pandemic.....	297
Surgical site infections: 10-year prevalence trend (2012-2021) and risk factors in a Tunisian university hospital.....	297
Epidemiology of menstrual hygiene practices among school-going adolescent girls in peri-urban Bangladesh	297
Identifying determinants to Sewer Connection uptake Lusaka Zambia.....	297
Surveillance of the consumption of alcohol-based handrub in hospitals in Piedmont, Italy: an observational study, 2017-2021	298
Burden of healthcare-associated infections in Europe: a systematic literature review	298
Does protecting ourselves also protect others?.....	298
Legionella spp contamination and infections associated with thermal waters: a systematic review	298
Microbiological assessment of drinking water around Lake Atitlan, Guatemala	299
The disinfection power of Ag ions & zeolite, effectiveness of a new technology for high-touch spots	299
Measures to reduce plastic waste in the ULSS-6 Euganea Local Health Trust in Padua (Italy)	299
Prevention of Legionella infections in medical facilities : specific indications to use of point of use filters (POU) in the preventive plans	299
Healthcare-associated infections in hospital settings: New perspectives and strategies for prevention and control.....	300
Multilateral collaboration between Italy-Lombardy and Sierra Leone: an effective collaboration to boost COVID-19 vaccine coverage in the country.....	300
Evaluation of the IDSR surveillance system in The Gambia Armed Forces, 2017 - 2021.....	300
Assessment of the readiness and response toward the dengue fever outbreak in Sudan: a qualitative exploration.....	301
Public health and clinical medicine need to work in partnership in the US.....	301
Comparing health systems readiness for integrating services for domestic violence services: a multi-country synthesis	301
Barriers of West African women scientists in their research and academic careers: a qualitative research	301
Adaptation and implementation of the healthcare responding to violence and abuse intervention in Nepal, Sri Lanka, Brazil and occupied Palestinian territory: a comparative analysis and lessons learned	302
A decade of national ambulance services in India: learnings and way forward	302
The impact of COVID-19 pandemic on the Albanian healthcare system.....	302
Private healthcare and economic commodification of health are creating equity and inclusivity issues for healthcare systems in India	302
Barriers and facilitating strategies to implementing social prescribing in primary care settings in Lisbon: a qualitative study to explore key stakeholders' perceptions.....	303
Prevention as a model for taking charge of the chronic and multichronic patient	303
Multi-sectoral approach in health sector: focusing on public-private partnership under the National Health Mission in India	303
Working from home made possible in a health care facility - the experience of a tertiary hospital during the first COVID-19 wave.....	303
Which sectors should be involved in public health emergency preparedness, response and recovery?: a RAND modified consensus procedure among European Union national experts	304
One health community-based systems for prevention and preparedness to vector-borne diseases: a situation analysis of the MediLabSecure network.....	304
Using community-university partnerships to implement WHO's Intersectoral Global Action Plan on epilepsy and other neurological disorders (IGAP) 2022-2031: an example focusing on mental health in children with epilepsy and their parents	304
Success of systems thinking in prevention - community perspectives	304
The Comprehensive Sexuality Education - Adolescent Reproductive Health (CSE ARH) Convergence: a multi-sectoral service delivery intervention integrating homes, schools, and communities	305
Multisector Collaboration Model for COVID-19 Diagnostics in the Philippines	305
A systems approach to strengthening health service delivery in catastrophic injury related disability.....	305
Strengthening team building and capacity development for data quality: the case of HIV program in Delta State, Nigeria	306
Management of a West Nile virus case in the province of Catania: A one health approach	306
Understanding Consumer Perspectives to Improve the Local Food Environment and Healthy Eating Behaviors.....	306
The World Bank and Health Systems: A Policy Process Analysis.....	306
Partnership between public health and the police – needed more than ever.....	307
Development of a national human rights survey using equal explanatory power - flipping the picture in the collection of national survey quantitative data honouring indigenous populations.....	307
Intersectorality as an instrument to improve unified health system (SUS) performance: mapping the intersectoral agendas of the Ministry of Health of Brazil	307
An indigenous-centered methodology for health systems strengthening research and practice: Storytelling, relational accountability, and sovereignty	307
"Within whose remit it should be?": Views of multisectoral experts on the institutionalisation of blue-green prescribing in Scotland's healthcare system.....	308

Intersectorality: getting our joint work straight	308
Reducing social inequalities in health: assessing organizational contexts for implementing integrated access for people with severe mental illness	308
Flow of regulation of elective hospital care in dentistry in the State of Ceará, Brazil: building processes based on the constitutional principles of the SUS	308
The public-private partnership in health care settings: a multiple case study analysis	308
Travel medicine as an instrument of sanitary surveillance of the international health regulations: a scoping review	309
Primary health care vital signs profile for malaysia	309
Engaging police in public health: critical issues and perspectives	309
Resilient health systems: Mapping of the Health Information Systems in the EU, their resilience and preparedness to join the European Health Data Space	310
Breaking the health silos - once and forever?	310
How sharp are your health security arrangements against cross-border health threats? Attend the sharp joint action workshop to find out exactly that	310
Potentially traumatic experiences pre-migration in women of childbearing age among Somali-and Kurdish-origin women in Finland	311
Misconception and effect of menstruation (Chhaupadi) and delivery on women's health in Bajura, district Nepal	311
Grandparents' feeding practices: Implications for child diet quality	311
An exploratory study on understanding the use of food labels among adolescents in India	311
Women of reproductive age with intellectual disability in Bangladesh: an insight into sexual reproductive health needs	312
Antenatal coverage and quality in secondary-care hospitals of Punjab province, Pakistan	312
Therole of the built environment in mental health in childhood: Results from a street audit tool	312
Reducing neonatal mortality in Ethiopia: a call for urgent action! An evidence brief for policy	312
Factors associated with timely initiation of complementary feeding practice among children aged 6-24 months	312
Magnitude of quality Antenatal Care Service: a systematic review and meta-analysis	313
Advanced parental age increased the risk of implantation failure: interactive effect	313
Challenges and coping mechanisms, experiences of slum women in seeking abortion services during COVID-19 lockdown in 2020 and 2021: Learning from Agra, India	313
Prevalence of self-medication practice among European pregnant women: a systematic review and meta-analysis	313
Cascade approach of reaching communities for adolescents through school students and community stakeholders in rural and underserved Indian population	314
Behavioral economics-based counseling and mobile phone text educational messages to strengthen family planning services in Jordan: a randomized control clinical trial	314
Teratological effect of Levetiracetam (antiepileptic drug) in utero on the foetus of albino mice	314
Violence against adolescent girls in India during the covid-19 pandemic: a mixed-method investigation	314
Preconception body mass index and gestational weight gain and behavioural problems children and adolescents: the UK birth cohort study ...	315
Predicting low cognitive ability at age 5 - feature selection using machine learning methods and birth cohort data	315
Effect of Gutka consumption on the birth outcomes of women in Hub Town, Tehsil Hub, District Lasbela	315
Maternal alcohol use disorder before and during pregnancy and the risk of stillbirth and infant mortality in Denmark	315
Investigating the role of friendship interventions on the mental health outcomes of adolescents: a scoping review of range and a systematic review of effectiveness	316
In hospital death among under five years children hospitalized with meningitis in the eastern of the Democratic Republic of Congo	316
Examining the linkages between maternity services and postpartum modern contraceptive adoption among young women in India: Insights from the 2015-16 and 2019-21 National Family Health Survey	316
Undernutrition among pregnant adolescent: a scoping systematic review	316
Prevalence of Chlamydia trachomatis and its associated factors among sexually active women in a high HIV-burden region, Western Kenya using Point-of-Care approach	317
Effectiveness of a pilot school milk scheme in increasing milk consumption among children attending Irish early years settings	317
Teenagers' mental health problems predict probable mental diagnosis among girls, but what about the boys?	317
Social norms influence on provider provision of contraceptive services to adolescents: baseline evaluation of a vignette-based intervention in Kibra- urban informal settlement in Kenya	317
The clinical characteristics of perineal tears: a study carried out on 14 pregnant women in a tertiary center: case series	317
Maternal and perinatal death surveillance and response in Baluchistan, Pakistan-causes & contributory factors of maternal deaths	318
Determinants of mortality in Postpartum Haemorrhage in Mzimba district, Malawi	318
Ethnic minority women's experiences of accessing antenatal care in high income European countries: a systematic review	318
National and subnational burden of under-5 mortality in Ethiopia: evaluation of data from three decades using the Global Burden of Disease Study 2019	318
Utilization of antenatal care services and pregnancy outcomes of women in advanced maternal age in Sri Lanka	319
Awareness regarding prevention and management of diarrheal disease among mothers of under five children in Central Nepal	319
Association between a complex community intervention and quality of health extension workers' performance to correctly classify common childhood illnesses in four regions of Ethiopia	319
Severe malaria-related disability in African children	319
Strengthening community-facility linkage in implementing the World Health Organization (WHO) case management guideline for Possible Serious Bacterial Infection (PSBI) among sick young infants in Western, Kenya	320
The price women pay: mineral extraction sites and women's safety	320

Young people with prior health service contacts have increased risk of repeated alcohol-related harm hospitalisations	320
Strengthening public health contributions in youth suicide prevention by reconceptualizing notions of resilience in youth mental health ...	320
Prevalence trends of loneliness and associations between loneliness, sociodemographic factors, and subjective health among Norwegian adolescents	321
Characteristics of menstruation and the prevalence of dysmenorrhea among Palestinian adolescents living in refugee camps in the West Bank and Jordan: a cross-sectional study	321
The invisible enemy: maternal smokeless tobacco use as a risk factor for low birth weight.....	321
A life-course approach to road safety - Findings from the DRIVE study	321
Female genital mutilation in West Africa, Senegal: a secondary analysis of the DHS 2019	322
Chagas disease in pregnant women from Amazon region, Brazil and control perspectives to potential vertical transmission	322
Factors associated with dietary diversity among mothers with young children living in urban slums of Dhaka, Bangladesh	322
Increase of depression and anxiety among children and adolescents after the onset of the COVID-19 pandemic in Europe: a systematic review and meta-analysis	322
Socioeconomic determinants of congenital cataract in Kazakhstan	323
Polymorphisms in miRNA biogenesis genes and the risk of pregnancy-induced hypertension among Jordanian women	323
Health characteristics, risk factors, and leisure activities of school-age children participating in bullying.....	323
Prevalence and associated factors of unhealthy diet among adolescents: cross-sectional study among Tunisian high school students	323
Risk factors for stunting in children under two years old at the Tanralili health center, Maros, Indonesia	324
Early-life exposure to ambient PM2.5 and the development of hypertension in later life	324
Exploring equitable access for special needs services among children in Klang Valley, Malaysia: a mixed method study	324
Global school-based student health survey: country profiles and survey results in the Eastern Mediterranean region countries	324
Obstetric violence: the perception of black women based on their experiences of pregnancy and childbirth in Portugal.....	325
Modelling environmental exposure in relationship with birth outcomes and perinatal pediatric Emergency Department admission: a casual mediation analysis of a three year survey.....	325
Policy analysis to assess the impact of inadequate Emergency Obstetric Care (EmOC) services on maternal mortality in Balochistan Pakistan.....	325
Keep me safe at home! Epidemiological study on domestic injuries among children and risk of hospitalization.....	325
Feasibility of preconception care services in the Nigerian health system - an exploration of stakeholders' viewpoints	326
Demands for sexual health education among middle school students in China	326
Socioeconomic markers of Congenital Zika Syndrome in Brazil.....	326
Social determinants of inadequate prenatal care utilization in homeless mothers in the Greater Paris area in France	326
The effectiveness of an integrated community-based visiting program on early childhood development in the West Bank, Occupied Palestinian Territory.....	327
The effectiveness of integrated community-based nutrition interventions in improving infant and young child feeding practices in Palestine: a randomized control trial.....	327
ADHD symptoms and educational level in adolescents: the role of the family, teachers, and peers.....	327
Abortion among French students: a 2003 to 2018 follow-up.....	328
Impact of COVID-19 on the morbidity and hospitalization of children and adolescents living in the state of Rio de Janeiro, Brazil.....	328
Bullying in private schools in the United Arab Emirates: a cross-sectional study.....	328
Combining health calendars and cash: building formal financial and health numeracy among poor women in Northern Pakistan	328
Effectiveness of treatment of acute malnutrition by community health volunteers: a cluster-randomized controlled trial in Northern Kenya	328
Health literacy levels among pregnant women: the mutaba'ah study.....	329
Trends in young adults' sunburn and use of sun-safe behaviours in a high UV outdoor festival environment.....	329
The provision of flu vaccination in pregnant and postpartum women: the experience in Local Health Authority (ASL) Roma 1 during the 2021-2022 and 2022-2023 flu vaccination campaign.....	329
Morphological patterns of anemia among children aged 6 to 59 months attending Maputo Central Hospital, Maputo City Province, Mozambique	330
Parental Knowledge and Perceptions on Prevention of SUID and Infant Care	330
Maternal phthalate exposure and dietary habits during pregnancy: what do we need to look for?.....	330
Interventions to improve maternity outcomes for migrant women in high-income countries: preliminary findings from a systematic review	330
The effects of COVID-19 disease during pregnancy and childbirth. A systematic review	331
Sexual and reproductive health of young people in Greece: knowledge, attitudes, practices and sexual health profile of 249 individuals....	331
Socioeconomic condition, mental health and quality of life in children during the COVID-19 pandemic: an intersectional analysis of a population-based study.....	331
Why do women not utilize maternal health services at Puskesmas? an explorative qualitative study of healthcare workers in Indonesia ...	332
How do adolescents see differences in online communication in supporting them to protect the health of their friends?.....	332
"We try to look beyond just [providing] an abortion": exploring healthcare providers' experiences of delivering abortion care at 20 weeks and over in Victoria	332
Burden of genitourinary tract and parasitic infections in pregnancy in rural Ethiopia.....	332
We are open-minded but not liberated: Using Human-Centered Design to hear teenage voices in the Philippines	333
Socio-demographic determinants of primary and secondary infertility in India	333
Hygienic menstrual practices among tribal adolescents in India	333
The causal effect of parent-child interactions on children's language development at 3 and 4 years.....	333
Protocol of a longitudinal population-based study evaluating the impacts of the COVID-19 pandemic on children and adolescents: the	

SEROCOVID-KIDS cohort and biobank	334
Early life exposure to phthalates and risk assessment: are we doing enough?	334
“Come te la passi?” project: Cross sectional survey investigating Physical Activity and well-being of children and adolescents during SARS-CoV-2 pandemic	334
Suicidal ideation in adolescents during the COVID-19 pandemic: prevalence and risk factors from a cross-sectional study in Geneva, Switzerland	335
A systematic review of the global implementation and impact of non-invasive prenatal testing (NIPT) during prenatal screening for Down's syndrome	335
Household head- an unspoken crucial dimension to improve maternal healthcare services utilization in Bangladesh: evidence from nationally representative surveys	335
The use of traditional medicine practitioners for childhood illness in sub-Saharan Africa	335
Acceptance of influenza and Sars-CoV 2 vaccines co-administration in pregnant women according to health action process approach.....	336
Study of the role of oral health status variables in miscarriage events	336
Factors that provide protection against intimate partner physical violence among married adolescents in Bangladesh.....	336
Monitoring clinical risk in the obstetric population through the Modified Early Obstetric Warning Score (MEOWS) at the IRCCS san raffaele hospital: a preliminary analysis	337
School-based screening to evaluate the prevalence and associated factors of irregular menstruation among adolescent girls in Bangladesh ...	337
Vulnerability to the impact of cyberbullying - the role of big-5 personality traits and gender	337
Prevalence of asthma, rhinitis and eczema symptoms and its determinants in children aged 6-7 years, Santiago island, cape verde	337
The effect of gestational weight gain on delivery and neonatal characteristics: exploring sex differences in the “MAMI-MED” cohort.....	338
Mental health matters in obesity prevention: exploring the dynamic relationships between mental well-being and obesity-related behaviours in adolescents.....	338
Treatment efficacy of vitamin C or ascorbate given as co-intervention with iron for anemia - A systematic review and meta-analysis of experimental studies	338
Preeclampsia and eclampsia-specific maternal mortality in Bangladesh: Levels, trends, timing, and care- seeking practices.....	339
Impact of poverty and adversity on perceived family support in adolescence: findings from the UK millennium cohort study	339
Implementation of a new hadrontherapy pediatric pathway: results from CNAO (National Centre for Oncological Hadrontherapy), Italy	339
Pilot experience of comprehensive sexuality education among Italian adolescents: Results from the eduforist project.....	339
Parenting stress: socio-economic determinants before and during the covid-19 pandemic. results of an Italian cross-sectional study	340
Educational outcomes of children hospitalised for head injury: a population based cohort study utilising record linkage of 766,244 Scottish schoolchildren.....	340
Effectiveness of an exclusive breastfeeding promotion strategy adopting the trans-theoretical model: a clinical study conducted at the clinical birth unit	340
Factors associated with vaccination coverage: population-based survey in Vitória-ES, Brazil	341
Effects of health education on spousal knowledge and participation in birth preparedness and institutional delivery care in Farafenni Regional Hospital, The Gambia	341
Lessons from health camp model in Somalia: ensuring equity and accessibility in child immunization	341
Adolescents, sexuality and pornographic content in digital environments.....	341
Emergency department admissions for non-suicidal self-injurious behaviors in adolescents in Italy: Eleven-year retrospective cross-sectional study and geographical risk evaluation	342
Dyslipidemia risks and severity of obesity among adolescents in United Arab Emirates	342
Qualitative evaluation of the national strategy for obstetric fistulas in Mozambique 2012 to 2020	342
Influence of the socioeconomic position (SEP) of men on child health outcomes in Nigerian households.....	342
Evaluation of the implementation fidelity of a project introducing a health innovation in West Africa.....	343
Let's move Europa: school based promotion of healthy lifestyles to prevent obesity - EUMOVE project.....	343
Adolescent health indicators in humanitarian settings: A cross-country comparison	343
Community's perceptions of the factors related to acute malnutrition in Samburu County	343
Two decades of primary health care expansion in Latin America and child mortality: A multi-country evaluation study	344
Marketing of food to children through food packaging is associated with unhealthy foods in Brazil	344
The effect of an adapted physical activity intervention for pregnant women during childbirth preparation classes: preliminary results from the well-done! study	344
Screening of visual disorders in primary schools: a cross-sectional study from Devrek, Türkiye	345
The added value of using of pulse oximeter into the integrated management of childhood illness guidelines to better identify and manage severe cases among children under-5 years old in West Africa, June 2021 to June 2022.....	345
Assessing unmet Sexual and Reproductive Health needs of adolescents living with disabilities in Zambia: A cross-sectional study.	345
Analysis of factors associated with nicotine initiation - a 3-year follow-up study among adolescents in the SOPKARD-JUNIOR study	345
Early childhood education quality and child development in Lao PDR.....	346
Proposal to improve access to the maternal and perinatal care route (ramp) through supply chain quality management and digital health interventions for dispersed rural territories	346
System fragmentation and service silos: Leveraging provider perspectives to support families living in poverty	346
Consumption and food habits of children and adolescents with autism spectrum disorder - ASD.....	346
Benchmarking of population-based childhood cancer survival by Toronto stage: From epidemiological data to proper health planning	347
Dietary habits and physical activity among a sample of Kuwaiti pregnant women: a sociocultural study	347
“In fact, that's when I stopped using contraception”: a qualitative study exploring why sexually active women discontinued contraceptive use	

in KwaZulu-Natal, South Africa	347
Beyond incarceration: improving outcomes for women and families affected by substance use disorder	347
Associations between parental psychological factors and overweight / obesity status in children with Autism or Autism Spectrum disorder	348
A scoping review of the factors that influence the uptake of IPTp among pregnant women informed by the socio-ecological model.....	348
National abortion survey in Peru.....	348
The evaluation of the impact of early sexual activities in young people aged 10-17 years on their mental health: a systematic review study ...	348
Assessment of vulnerability factors leading to psychoactive substances use among school children	349
Fathers' experiences of child care and feeding: a photo-elicitation study in urban low resource setting, Addis Ababa, Ethiopia	349
Parent adolescent communication on sexual and reproductive health issues in Pokhara, Nepal	349
Trauma informed approach: an innovative tool for assisting a victims of sexual violence	349
Prevalence of sexual violence in school children in Brazil: National School Health Survey 2019	349
Monitoring and evaluation of perinatal healthcare in Italy: data from the National Outcomes Evaluation Programme (years 2015-2021)....	350
Child development in the context of the COVID-19 pandemic: repercussions for health promotion.....	350
The associations of early formal childcare with problem behaviour trajectories from 5 to 14 years of age.....	350
New perspectives for the school medical service in Italy	350
Adolescents' knowledge, self-efficacy, and the use of implant contraceptives in west point community, Liberia.....	351
Evaluation of indicators of physical development in children and adolescent as a standard for health	351
Mortality profile of pregnant women with severe acute respiratory syndrome due to COVID-19 in Brazil: Pre- and post-vaccination.....	351
A systems thinking approach to better understand the causal relationships driving child stunting in the Lao PDR	351
Cardiometabolic profile of Brazilian children and adolescents during the COVID-19 pandemic.....	352
Dietary intake with food taboos among pregnant women attending antenatal checkups at a hospital in Narayanganj city, Bangladesh	352
Teachers' perceptions of school dropout among adolescents: a descriptive study conducted in five middle schools in Sousse Tunisia	352
Factors associated with electronic cigarette consumption in the covid-19 pandemic in young people.....	352
Food insecurity and inadequacy of micronutrient intake in Brazilian children	353
Coming of age: menstrual preparation for adolescent girls living in Palestinian refugee camps in the West Bank and Jordan.....	353
The use of essential oils in birth care	353
Knowledge, attitude and practices on second hand smoke exposure among pregnant women.....	353
Epidemiological analysis of cases of syphilis in pregnant women and congenital in the city of Indaiatuba - SP - Brazil from 2012 to 2021.....	354
Impact of the COVID-19 pandemic on smoking and vaping use among adolescents in Taiwan	354
Residential exposure to magnetic fields from high-voltage power lines and risk of childhood leukemia in an Italian population.....	354
What do children aged 5 to 14 years die from in the state of Rio de Janeiro? Analysis of the period 2000-2019.....	354
The mutaba'ah Study: a cohort profile of the largest mother and child prospective cohort study in the United Arab Emirates.....	355
Parents of children with a congenital anomaly or cerebral palsy identified needs when interacting with health services.....	355
Gaps in doctors' practice: gestational diabetes mellitus diagnosis in the United Arab Emirates	355
Teens talk vaping: a co-produced participatory study on the micro-geographies of teen vaping in Canada.....	355
Children's passive smoking - a small contribution to a big problem	356
Evolution of maternal mortality in West Africa (2000-2017)	356
Assessment of the diet quality index-international in a sample of Italian primary school children: the I-MOVE project.....	356
Femininity and gender inequalities: narratives of men authors of violence	356
Men's involvement in Early Exclusive Breastfeeding (EEBF) - "a qualitative study of the causes of low men's involvement in early exclusive breast feeding in Nigeria".....	357
Prevalence of congenital anomalies in newborns from a city in the southern region of Brazil.....	357
Fetal mortality: the challenges of knowledge and intervention (FetRisks) - research protocol, São Paulo, Brazil.....	357
The impact of palivizumab reimbursement criteria on neonatal RSV hospitalizations and drug prescriptions: an area-based cohort study from the Tuscany Region, Italy.....	357
Malnutrition and anemia in children aged 6 to 59 months in the Autonomous Region of Príncipe and its relation to maternal health	358
Correlates of Adolescent Pregnancy in The Context Of COVID-19: A Community-Based Study in India.....	358
Impact of covid-19 pandemic on lifestyle habits and mental health among italian adolescents: Results from the coalescent (change among italian adolescents) study	358
Adjusting protocol for outdoor food marketing exposure for piloting in serbian school's neighborhood developed by working package six of the best remap joint action project	359
Preconception health in women of childbearing age and lifestyles	359
Factors influencing the practice of breastfeeding among healthcare workers mothers	359
Perinatal anxiety and depression and birth-related post-traumatic stress disorder: Prevalence and determinants in a cohort of portuguese women.....	359
Prevalence and associated factors to cigarette smoking among school adolescents in tunisia, 2021	360
The epidemiological burden of pediatric metabolic syndrome in Europe: A systematic literature review	360
Do children experience inequality of opportunity in childhood malnutrition in pakistan: evidence from pakistan demographic and health survey.....	360
Serbia oral health problems among children and mothers indicated need for maternal oral health initiative in serbia.....	361
The association between lifetime history of drug use and experience of stillbirth among adult women in the united states: findings from the national health and nutrition examination survey 2009-2018.....	361
Cannabis use in tunisian high school adolescents: medspad 2021	361
Human milk banks during covid-19 pandemic	361

Prevalence of micronutrient deficiency in Brazilian pregnant women.....	361
Availability, awareness, and quality of adolescents' sexual and reproductive health services in cameroon: a mixed methods study	362
Prenatal care for women in drug abuse in the context of primary health care in the Brazilian healthcare system.....	362
Knowledge of adolescents about contraceptive methods and prevention of sexually transmitted infections.....	362
Assessing the effects of knowledge and attitude on high school students' milk consumption in hoang mai district, hanoi, vietnam in 2022....	362
Astute exploration of collective mental health events among the residents of elderly care homes in Bangladesh	363
The relationship among social contact pattern, crowded living space and the anxiety level of young adults in Hong Kong during the COVID-19 pandemic.....	363
Physical Distancing and Mental Well-Being in Youth Population of Portugal and Brazil during the COVID-19 Pandemic.....	363
Eating patterns according to NOVA classification and mental health: COVID inconidentes population survey	363
Adverse perinatal outcomes among Aboriginal women with mental health disorders	364
The mediating effect of internet addiction on the relationship between exposure to extra familial violence and sleep disorder among youth ..	364
Estimated impact of the COVID-19 pandemic on the prevalence and treatment of depressive symptoms: an interrupted time series analysis in 2014-2021.....	364
Mental well-being of COVID-19 survivors in Karachi, Pakistan: an exploratory case study	364
Nutritional interventions for the prevention of cognitive deterioration in patients with mild cognitive impairment and Alzheimer's disease: a network meta-analysis of randomised controlled trials	365
Work life balance and its association with job satisfaction among government medical officers in Ampara district	365
Integration of peer-support groups into public AOD treatment.....	365
What young adults need in order to not feel lonely.....	365
The cost of mental illness for patients attending the outpatient department at Queen Elizabeth Central Hospital, Blantyre	366
Influence of core-self evaluation on academic burnout among Pakistani university students: mediating role of life satisfaction.....	366
Effectiveness of a structured training program on mentoring and mental well-being for officers and instructors in the Indian air force	366
Fear of cancer recurrence and its predictive factors in Moroccan cancer survivors	366
Can interventions to improve social wellbeing reduce health care utilisation? A systematic review and meta-analysis	366
How is the association of childcare attendance in the first five years of life with psychological wellbeing between 11-17 years confounded by socioeconomic position?	367
Evaluation of the National Suicide Prevention program and its association with suicide mortality in Chile.....	367
Schizophrenia's patient journey: a participatory model.....	367
Quality of life among the partners of the TBI survivors.....	367
Art in mental health: more than a therapeutic approach.....	368
Is community Health workers mental health affected by community violence? A study in a Brazilian metropolis.....	368
Assessing the acceptability of group model building as a method of engaging people with lived experience of mental ill-health and recovery ...	368
The relationship between the strength of atheistic and theistic beliefs and risky drug use: a public health issue	368
Socioeconomic and transcultural determinants of mental health in medical students of four countries	369
Physical activity and workers' quality of life during the COVID-19 pandemic: a possible strategy to deal with emotional exhaustion	369
Exploring the impact of task shifting to widen access to treatment for depression for patients with non-communicable-disease and depression multimorbidity on health workers in South Asia.....	369
Neighborhood deprivation and aging sexual minority people's mental health	369
Depression in healthcare workers in Czechia during COVID-19 pandemic	370
The moderating effect of socio-demographic variables on the 'character-strengths' of rural frontline workers: a formative study in India ..	370
Depression, anxiety, and quality of life of Afghan women under the Taliban Government	370
Study conditions and university students' mental health 20 months after the COVID-19 outbreak in Germany - Results from a cross-sectional study	370
Comprehensive mental health needs assessment study: the case of Slovenia	371
Evaluation of a university medical faculty students in terms of mental disorders with SRQ-20	371
Multidimensional and intergenerational impact of severe mental health conditions	371
Self-reported knowledge and confidence of clinical associates in South Africa in providing mental health services.....	371
Healthcare workers' emotions, perceived stressors, and coping strategies at workplace during the COVID-19 pandemic in Palestine.....	372
Loneliness in emerging adulthood: a qualitative study using cultural probes and in-depth interviews	372
Association between physical and mental illness comorbidity, self-harm repetition and highly lethal self-harm acts: a mixed methods study among individuals with frequent self-harm episodes	372
Evaluating COVID-19 mental health and child welfare supports at the under one sky friendship centre in New Brunswick, Canada	372
Loneliness, internalizing and externalizing problems, and suicidal ideation among Chinese adolescents: a longitudinal mediation analysis....	373
Perception level of public health professionals regarding mental health and illness	373
Factors associated with low workplace wellbeing in Hong Kong.....	373
Racial disparities and anxiety symptoms association with nutritional status during the COVID-19 pandemic.....	374
Exploring diffusion and spillover effects of an evidence-based mental health intervention among peers and caregivers of youth in rural regions of Sierra Leone.....	374
The effectiveness of integrated mental health and psychological support interventions in reducing postpartum depression of mothers in palestine: a randomized control trial.....	374
Male victims of intimate partner violence in Greece during the COVID-19 pandemic: prevalence and risk factors.....	374
Determining associations between co-use of tobacco & cannabis products and mental/behavioral health outcomes: a narrative literature analysis	375

Roles of wantedness of pregnancy and childbearing on depression among married adolescent girls in Bangladesh: evidence from a nationally representative cross-sectional survey.....	375
Experiencing Domestic Violence in Urban Spaces- Issues of Psycho-Social Wellbeing.....	375
Risk and protective factors of youth crime: An umbrella review.....	375
Self-efficacy, work-related autonomy and work-family conflict and their role on employee's stress level during home-based remote work ..	376
Anxiety and depression among young people in Lithuania under the exposure of the war in Ukraine	376
Together at Social Sciences - the ABCs of mental health at the university.....	376
Movimento Biologico: an innovative training program based on mindful movement that can contribute to salutogenesis.....	376
Assessing risk perception and its associated factors of university students in the COVID-19 era	377
Levels and sources of stress in medical students at a pakistani medical school pertaining to year of study and gender	377
Promoting family well-being at scale: Optimising and re-designing a digital parenting programme for reducing violence against children in Imics using the 6squad framework	377
Mental health complexity in post-acute care for acquired brain injury: informing mental health screening development.....	377
Mental health in serbia - transitional context or are we going towards reform	378
Psycho-behavioral response of residents in prince hassan refugee camp during covid-19 pandemic: A cross sectional study	378
Patient engagement in cancer care: A focus group study on their physicians.....	378
Prevalence and associated factors of suicidal ideation among married women in himalayan mountain villages: Project silkroute to healthy future.....	378
A qualitative study to explore various meanings of mental distress and help-seeking in the yamuna valley, north India	379
Examining the economic approaches in mental health promotion targeted towards black asian and minority ethnic communities in the uk: a critical discourse analysis.....	379
A clustered randomized controlled trial to evaluate the effectiveness of a school-based intervention on the mental health of adolescents.....	379
Sex differences in psychiatric medication use in patients with cluster b personality disorders: Trends from 2002 to 2018	379
Burden on caregivers of schizophrenic patients at polyclinic outpatient psychiatric department, edward francis small teaching hospital, the gambia	380
Examining the association between sports participation and mental health of adolescents.....	380
Study-related stress among healthcare students in a university of southern Italy	380
Organizing primary mental healthcare for older persons in India: Challenges and opportunities from the perspective of key stakeholders.....	380
Increasing antidepressant consumption among adolescents and young adults following the covid-19 outbreak: Results from an interrupted time series analysis on the population of the emilia-romagna region, Italy	381
Using integrated data to explore the geography of citizens in mental distress in aotearoa new zealand	381
Health behaviours and subsequent mental health problems during the COVID-19 pandemic: A longitudinal analysis of adults in the UK.....	381
Remote delivered psychosocial support to improve the wellbeing and functioning of adults affected by covid-19 in new york city: Remote problem management plus (pm+).....	382
Age of depression, age of melancholy? age, period, and cohort trajectories of mental health in ten countries between 1991-2020	382
First step for the cross-validation of the arabic emirate version of "the subjective scale to investigate cognition - emirates" (sstic-e)	382
A global lens of Party n Play/ Chemsex: mental health and resilience for GBMSM, and cultural and clinically competencies for clinicians working with GBMSM.....	382
Prevalence of bullying victimization and associated factors in Brazilian teenagers	383
Childhood neighborhood quality, peer relationships, and trajectory of depressive symptoms in middle-aged and older Chinese adults	383
Polydrug use and suicidal behaviors among secondary school students in a nationally representative sample in Puerto Rico	383
Using community-based research to enhance mental health services for teen mothers	383
Mediating role of physician's empathy between physician's communication and patient's satisfaction.....	384
"A whole fruit salad there": a systematic review exploring collaboration between traditional healing systems and biomedicine in mental illness.....	384
Pilot evaluation of a digital mental health first aid program for adolescents	384
Senior managers' experience with health, happiness, and motivation in hospitals and the perceived impact on health systems: the case of Meru county, Kenya.....	384
Demographic and behavioural differences between gamblers with and without Gambling Disorder.....	385
BURTOOLA: a digital evidence-based tool to reduce burnout syndrome in medical students	385
East coast kitchen party - Creating an inclusive community for queer and transgender immigrants through cooking and conversation in Halifax, Canada	385
Building mental health and psychosocial support capacity in higher education: psychological first aid training to support displaced Afghan student refugees	385
Interventional components for mental health apps: a scoping review	386
Translation of the Malay Version of the Depression Literacy Questionnaire (D-Lit)	386
Mental health in asylum seekers and refugees: early detection at SAMIFO Center.....	386
The impact of loneliness on post-stroke memory decline and depression in elderly (Bulgaria, 2019-2021)	386
Difficulties faced by caregivers of children with Autism spectrum disorder in getting their child diagnosis in Kazakhstan	386
Employment status and bereavement after parental suicide: a population representative cohort study	387
Patterns of healthcare utilization prior to suicide according to educational attainment: a nationwide register-based population study	387
Impact of the COVID-19 pandemic on the mental health of health-care workers vs the adult general population in South Africa	387
The effects of social capital and built environment on depression in urban residents in South Korea	387
Comparison of suicidality among Pacific Islanders in the Western Pacific and the United States	388

The emergency departments frequent user in Rome: an observational study in 13 hospitals	388
Intimate partner violence among young women and men in KwaZulu-Natal, South Africa	388
Intimate partner violence against women and common mental disorders: an integrative literature review	388
Is the prevalence of Cardiovascular risk factors in patients with schizophrenia higher than in the general population? a cross-sectional study in Navarra (Spain)	389
Mental Health Literacy Scale (MHLS) validation studies: a scoping review	389
Evidence-based status of forest healing program in South Korea	389
Mental health services in the school environment - future visions	389
Defense strategies developed by military workers in the intervention in suicide crises	390
Effectiveness of a meditation technique sudarshan kriya yoga (sky) on depression and anxiety: - A systematic review and meta-analysis.....	390
Resilience in the covid-19 pandemic: New meanings and evolution	390
Mental Health of those who care: how can epidemiology help address the burden of depression?.....	390
ABCs of mental health promotion in a world of Turmoil	391
Moral distress and moral injury in the public health workforce during the pandemic.....	391
Public health mental health - challenge for public health	392
Discourses of sexual violence and safety among transwomen of colour: an online forum analysis	392
Cardiovascular health of the population in situation of Rua de São Paulo 2019/2020.....	392
Feasibility and acceptability of involving Bilingual Community Navigators (BCNs) to improve access to health and social care services in general practice setting of Australia	392
The mitigating role of sense of belonging on the impact of racism on life satisfaction for Asian communities in Aotearoa New Zealand during the COVID-19 pandemic	393
Process adaptations in delivering an epidemiological mental health survey for Urban Indigenous Australians.....	393
Te Reo Hauora: protecting the prosperity of the māori language in Aotearoa's Health sector.....	393
Supporting Syrian refugee mothers in the resettlement period in Canada: a longitudinal study using participatory action research	393
"My family abandoned me so I have to charge for sex in order to survive": exploring risk sexual behaviors among men who have sex with men in urban Uganda	393
Predictors of changes in physical activity and sedentary behavior during the COVID-19 pandemic in a Turkish migrant cohort in Germany.....	394
A systematic review of qualitative research on substance use among refugees	394
Impact of fairness-based techniques in optimization of vaccine allocation among refugees during pandemics: a scoping review	394
Experiences and needs of Chilean autistic communities for inclusion and well-being: a phenomenological study.....	394
Using eco-map to explore the social network of Ukrainian refugees as a determinant of mental well-being: a pilot study	395
Promoting cultural safety in health care: co-developing an intervention with three Atikamekw communities in Québec, Canada.....	395
Migrant status disparities in blood pressure: a multiple mediation analysis of modifiable factors.....	395
Gendered differences in experiences of school violence and mental health among transgender and cisgender youth	395
Trends in LGBT+ research: a bibliometric analysis.....	396
Reflections on an Indigenous Led COVID-19 response in Aotearoa (New Zealand)	396
Sociocultural determinants and health inequities in cardiac care provision among migrant populations in Australia	396
Health access for transgender people in Latin America: a scoping review	397
Challenges encountered by female migrants in accessing primary health care services - a case study of an urban informal settlement in South Africa.....	397
Facing the COVID-19 pandemic: a mixed-method analysis of asylum seekers' experiences and worries in the canton of Vaud, Switzerland.....	397
Migration Background and hospital emergency department use by children : evidence from a cohort study in the Metropolitan Area of Lisbon, Portugal, in 2019 and 2020	397
Determinants of access to primary healthcare for formerly incarcerated women transitioning into the community: a systematic review	398
Tuberculosis in migrants arriving by boat to Malta, 2011-2021	398
The cultural safety of publicly available maternity services in New Brunswick, Canada.....	398
What are effective ways of building trust and increasing inclusion of underserved communities in public health research?	398
Possible Worlds - Where Glances Meet	399
Mental health status, discrimination experience and resilience level among sexual and gender minorities of Kathmandu Valley	399
How can it be also queer? LGBTQIA+ adolescents' perceptions of gender tailoring and portrayal in a generic virtual reality-based alcohol-prevention tool	399
Antenatal care, birth outcomes and child survival among immigrants in Brazil: a nationwide data linkage study.....	399
COVID-19 and health disparities: a bibliometric summary of 5000 research publications by scholars from 165 countries	400
Calling for a community-driven pandemic response for Indigenous peoples: What can we learn from the HIV pandemic in Vancouver, Canada?.....	400
COVID-19 infection rates and use of SARS-CoV-2 testing among immigrants in Portugal: a longitudinal study for Amadora, Metropolitan Region of Lisbon, Portugal	400
A culturally competent systems intervention in primary health care to reduce domestic violence among immigrant communities: HARMONY a pragmatic cluster-randomised controlled trial in Melbourne, Australia.....	400
Indigenous health and wellbeing program evaluation commissioning models: results from a scoping review	401
Global Mental Health: A Systematic Review of Burnout Syndrome in Latin American and Caribbean Teachers.....	401
Racial harassment and workplace violence in hospitals towards physicians and nurses from Indigenous minority and non-Indigenous groups	401
FörGes 5 - An intervention for strengthening self-management competencies of family caregivers of persons with dementia of Turkish origin	401

in Germany.....	401
Differences in preterm births and birth weight between new-borns of roma and non-roma mothers in Slovenia	402
Attitudes and self-assessed knowledge on substance use among people who work in migrant centers in Serbia.....	402
Coming across a hidden problem in an excluded population: professionals' experiences of disclosures of sexual violence by young migrants	402
Towards more effective multilingual crisis communication - applying social marketing principles to the reality of covid-19 epidemic in finland	402
The russo-ukrainian war crisis and the role of the healthcare services in the health management of ukrainian minors in an italian city.....	403
Quality of Life and its influencing Determinants for People with Acquired Brain Injuries	403
Differential impact of COVID-19 by citizenship and degree of urbanisation in five Italian regions from February 2020 to July 2021: results of a collaborative study (supported by Ministry of health)	403
Promoting afghan migrants' health through participatory research.....	404
Evaluating vaccine and health literacy in European prisons: A cross-sectional study	404
Oral health socio-epidemiological characterization of an indigenous population in the northeast region of Brazil	404
Changes in lifestyle habits and sociodemographic characteristics associated with these among migrant origin populations in Finland compared with the general population.	404
Health literacy and COVID-19 in migrants: Results from the sprint2 project.....	405
Violence against women by an intimate partner in primary care services: From neglect to medicalization.....	405
Implementing video consenting for an indigenous australian diabetes clinical trial	405
Black women's maternal health in the us and uk.....	405
Ten years (2013-2022) of health research among indigenous minorities in Colombia, Latin America.....	405
The right to be yourself: a comparison of legal gender recognition policies in EU countries. The case of Hungary, the Netherlands and Malta ...	406
Health of migrants and ethnic minorities - medical and social aspects in Bulgaria	406
Impact of work and working conditions on low back pain among fisher women: a cross sectional study in Trivandrum.....	406
Evidence on tuberculosis in migrants at Brazil's international borders: a scoping review	406
Perceived importance of interviewees' information when giving health support interviews to former prisoners: a cross-sectional study of public health nurses in charge of lifestyle-related diseases in Japan.....	407
Addressing health inequities using cultural responsiveness in a student-implemented remote area health service	407
Violence against sexual minorities in Brazil: analysis of the National Health Survey, 2019.....	407
Causa-mortis: sex, gender, race, and ethnic disparities in AIDS obituaries in the US: 1982-2000.....	407
The impact of the COVID-19 pandemic on the mental health of Filipino migrant domestic workers in Hong Kong	408
At all times, we were accompanied by the association: the experiences of refugee families in access to health care in Portugal	408
Sociodemographic factors associated with the degree of medical knowledge in the care of transsexual and transgender patients in Veracruz, Mexico.....	408
Attachment and disordered eating: a cross-sectional study of young Lebanese adults encompassing gender and sexual orientation differences.....	408
Health care access in times of COVID-19: the experiences of refugees in Lisbon	409
International immigrant health access and vulnerabilities in the context of COVID-19 dissemination in Brazil.....	409
Surgical-reparative and psycho-social interventions in women with Female Genital Mutilation of III type (deinfibulation)	409
Immigration as a determinant of COVID-19 testing among children: a cohort study in Amadora, Lisbon Metropolitan area, Portugal	409
The cedar project: indigenous experiences of connection and survival amidst conflicting colonial responses to the opioid, housing, and health crises of the COVID-19 pandemic	410
The role of socioeconomic situation and social support on health perception among Ukrainian refugees in Czechia	410
Violence and depression among men who have sex with men in Tanzania	410
Corpus delicti: the medico-legal evaluation of somatic outcomes in asylum seekers victims of torture and other inhuman and degrading treatments in the Metropolitan City of Rome, Italy	410
Migration as a health determinant for asthma symptoms in children born in 2015, Lisbon region.....	411
A qualitative approach for understanding the health perceptions in a group of women in situation of prostitution	411
Cytology in Brazilian transgender men: reflection of the shortages of health care assistance	411
Care crisis: pandemic repercussions on the experiences of university women-professors in espírito santo - Brazil	411
Facilitating access to vaccinations for temporarily present foreigners: the experience of asl roma 4	412
Language barriers during covid-19 vaccination for ukrainian refugees - the perceptions of healthcare professionals	412
Healthcare access in people with functional diversity: A comparative health study between Greece and Spain.....	412
Mortality among guarani indigenous peoples in south and southeast Brazil over a 15-year period (2000 to 2015)	412
Practices to enhance diversity, equity, and inclusion in the health services research workforce: An environmental scan of us veterans health administration research centers.	413
Diversity, equity and inclusion in public health: a multidisciplinary analysis	413
Queering global public places for health and wellbeing.....	413
New methods and tools to monitor health outcomes among minorities and indigenous people	414
Health needs of newly arrived forced migrants: ethical, legal, and policy considerations	414
Strengthening Pathways to High Quality Maternity Care for Migrant Women in Europe: Taking an Equity Lens	414
The way forward: strengthening health equity through social justice-based approaches in public health education.....	415
Development process of a clinical guideline to manage type 2 diabetes in adults by Ayurvedic practitioners.....	415
A qualitative meta-synthesis of women's critical experiences with the Pap smear for the development of a novel cervical cancer screening device.....	416

Health litigation and cancer survivorship in patients treated by the Brazilian public health system in a big Latin-American city	416
Assessment of awareness about the impact of tobacco on head and neck cancers via mass media: a case-control study from India.....	416
What happens with cancer screening participants with a positive faecal test that do not complete colonoscopy?	416
Deaths caused by non-communicable disease among people with a history of youth justice system contact	416
Impact of oral diseases on oral health-related quality of life among Indians: a systematic review and meta-analysis	417
Long-term consumption of ten food groups and cardiovascular mortality: a systematic review and dose response meta-analysis of prospective cohort studies	417
Multimorbidity and adverse longitudinal outcomes among patients attending chronic outpatient medical care in Bahir Dar, northwest Ethiopia	417
Recommendations to guide implementation of palliative care services among patients with cervical cancer	417
Disability-adjusted life years (DALYs) avoided by quitting smoking after acute coronary syndrome	418
Polarization of body mass index among adults in Finland	418
Evaluation of the level of knowledge, attitudes, and behaviors about cancer screening tests in individuals over 30 years of living in the Aydinevler District	418
Abdominal obesity according to the conicity index in a renal population on hemodialysis	418
Comparative analysis of knowledge, attitudes, behavior and practices of self breast examination in Mexico and Nicaragua	419
Utilization of dental health services and its associated factors among adult population in Ernakulam district, Kerala, India: a mixed-method analysis	419
Association between the knowledge of oral health and the intention to visit the dentist among King Faisal University students	419
Association between risk for Prediabetes and Type 2 Diabetes Mellitus prevention practices among King Faisal University faculty members and administrative staff	419
Incidence of cerebrovascular accident (CVA) and its factors among hypertensive patients in a community hospital setting in Thailand: a retrospective cohort study from 2011 to 2022.....	420
Decrease in oncological surgery activities during pandemic: a retrospective study from an Italian Southern Region	420
The burden of leading sites of cancer in India in terms of Disability-Adjusted Life Years (DALYs).....	420
Economic burden for the Brazilian Health System attributable to excessive sodium consumption.....	420
Differences in incidence trends (1987-2018) of cancers by sex in the Veneto Region, North-East Italy	421
Epidemiology, quality of care, and costs of a soft tissue sarcoma cohort: results from a high-resolution regional registry	421
Sex-related difference in the risk of second primary cancers among cutaneous malignant melanoma survivors	421
Association between body mass index and dental caries among adolescents	421
Adherence to Mediterranean diet and risk of pancreatic cancer: systematic review and meta-analysis.....	422
Is reformulation capable of changing the nutritional quality of diets at population-level? A modeling study using real food market data....	422
COVID-19 diagnosis and mortality in patients with Acute Myocardial Infarction admitted in Italy during the National Outbreak	422
Impact of national smoking bans on per-capita tobacco consumption, in Europe: a time trend analysis	422
The role of human rights law in preventing oral NCDs: states' imperative to regulate the cariogenic (living) environment.....	423
Associated factors to known but non-controlled high blood pressure in Senegal: a secondary analysis of the WHO STEPwise survey	423
An e-learning course to support monitoring of food industry compliance with regulation to promote healthier diets in South-East Asia	423
Cervical cancer screening based on urine self-sampling to reach un(der)-screened women: study protocol of the ScreenUrSelf trial	423
Sexually and non-sexually transmitted infections and the risk of Prostate Cancer: results from the EPICAP study	424
Capitalizing experiential knowledge from interventions promoting breast and cervical cancers screening to enhance uptake in France.....	424
It takes two to tango: a couples-based lifestyle approach to reducing multigenerational risk of metabolic syndrome.....	424
Policies to reduce tobacco availability through regulating retail environment: a scoping review	425
Depression increased the incident risk of obesity among a community population in southwest China	425
Validity of Finnish diabetes risk score in Turkish population and developing a predictive model for Type 2 diabetes mellitus	425
Potential impact fractions of body mass index reductions on the non-communicable disease burden in Belgium using G-computation	425
Assessing cervical precancer treatment rate among people utilising the Johannesburg public sector through record linkage of laboratory data	426
Association entre l'âge à la première utilisation des contraceptifs oraux et la survenue de cancer du sein chez les femmes, Nouakchott, Mauritanie, Mai - Octobre 2021.....	426
Predictors of eating behaviour in patients with type 2 diabetes and /or coronary heart disease	426
Individual, contextual, organisational and structural factors associated with the primary healthcare use of acute myocardial infarction patients in French region.....	426
Evaluation of the impact of the COVID-19 pandemic on routine care of people with chronic disease: a qualitative study	427
The potential impact of achieving Kenya's obesity reduction target on health outcomes, healthcare costs, and productivity: a modelling study	427
Preventing non-communicable diseases through the law: the role of civil society and academia. Experiences from East Africa and South Asia.....	427
Improved self-care practices among people with type-2-diabetes following a low budget health literacy intervention; evidence from a before and after quasi experimental study.....	427
Association between continuity of primary care and health outcomes among people with type 2 diabetes and/or hypertension at primary care settings in Central Vietnam	428
Early childhood caries: exploring the ethical implications for dental neglect in South Africa	428
Trends in the Extent and Nature of Food Advertising Targeted to Children and Adolescents in Uganda (The FACe-U project protocol).....	428
Role of purchasing agreements for quality of chronic disease care: systematic scoping review	429

Inequities in breast cancer screening utilisation in Spain - Using decision trees to identify intersections.....	429
Patients' and caregivers' perspectives on outcomes of self-management interventions for type 2 diabetes mellitus: an overview of reviews.....	429
Inborn errors of metabolism: systematic review and meta-analysis of gut microbiome in patients with phenylketonuria treated with dietary therapies.....	430
Prevalence and predictors of waterpipe/shisha use smoking among youths in Senegal: global youth tobacco survey, 2020.....	430
Profile of risk factors for Non-Communicable Diseases (NCDs) in a highly urbanized district of India: findings from Puducherry district-wide STEPS Survey, 2019-20.....	430
Effectiveness of individual compared to group dietary intervention in patients with type 2 diabetes: a systematic review and meta-analysis.....	430
Association between screen time, weight trajectory, and perception of weight change during the COVID-19 pandemic.....	431
The right to palliative care: the state of art in the Reggio Emilia province, Northern Italy.....	431
Reform of the health insurance funding model to improve the care of noncommunicable diseases patients in Saudi Arabia.....	431
Enhanced measurement of sugar sweetened beverages marketing in grocery store environments.....	431
An integrated healthy lifestyle toolkit for the Pacific Islands region.....	432
Performance of world health organization updated cardiovascular disease risk prediction charts in a low-resource setting - findings from a community-based survey in Puducherry, India.....	432
Descriptive epidemiology of gynaecologic cancers in southern Ethiopia: Retrospective cross-sectional review.....	432
Prevalence of Metabolic Syndrome According to ATP III, IDF and Harmonized Criteria Among Adults Aged 18-40 Years in the United Arab Emirates: The UAE Healthy Future Study.....	432
Study on Depletion of ovarian function and Late-life chronic diseases in India.....	433
Epidemiology of Anaplastic Large Cell Lymphoma Associated with Breast Implants: a quantitative analysis.....	433
Inequalities in the burden of noncommunicable diseases across European countries: a systematic analysis of the 2019 global burden of disease study.....	433
Genetic susceptibility to Insulin resistance and its association with estimated longevity in the hungarian general and roma populations.....	434
Flash glucose monitoring for indigenous Australians with type 2 diabetes: a randomised pilot and feasibility study.....	434
Vegetable and high sodium food intake, nutritional status and metabolic syndrome among adolescents in makassar, Sulawesi Selatan, Indonesia.....	434
Assessing the predictive performance of published polygenic scores for prevalent and incident coronary artery disease in multiple genetic ancestries.....	434
Lunch dietary pattern in association with overweight in Brazilian adults.....	435
Law and Policy Gap Analysis to promote physical activities in Bangladesh Context.....	435
Acute myocardial infarction in a decade in Italy: Impact of age, gender and heart failure.....	435
Does the healthcare system sufficiently promote cancer screening among those in its care?.....	435
Madodiet: Comparison of dietary habits and lifestyles between residents of madonie mountain area and those of the metropolitan area of palermo.....	436
Mapping of the state-of-the-art and bottlenecks for the adoption of personalised preventive approaches in health systems.....	436
Health seeking behaviour among cancer patients using Geographic Information System: A Mixed-Methods study from Western India.....	436
The characteristics and outcomes of COVID-19 positive Haematology patients at a Tertiary Hospital in Western Cape South Africa.....	437
Challenges in access to care among diabetes patients during COVID-19 pandemic: A hospital based mixed method study.....	437
Transforming multiple sclerosis care in Italy through Integrated Care Pathways and local networks of service providers. A survey on clinical centres.....	437
Association between diet and circulating bile acids in an italian general population.....	437
Public health interventions to promote oral health and well-being in patients with type 2 diabetes: a systematic review.....	438
Risk stratification of non-communicable diseases with sars-cov-2 virus disease severity in dubai, united arab emirates.....	438
Residential segregation, breast cancer mortality and the effect of a conditional cash transfer (bolsa família) programme: Results from the 100 million Brazilian cohort.....	438
Unmet dental needs and impact on the oral health related quality of life of adolescents in ibadan, Nigeria.....	439
Non-communicable disease risk factors and mental health status among school students in nepal: a mixed-method study.....	439
Oral contraceptive use and breast cancer risk: A link beyond hormones.....	439
The use of mobile app survey data to examine compliance with occupational smoking bans: A case study of seven countries.....	439
Public health and clinical utility of "dica" classification, " coda" score and fecal calprotectin in the management of patients with diverticular disease.....	439
Improving access and information with and for people with inflammatory bowel disease: co-design using the Ophelia (Optimising Health Literacy and Access) process.....	440
Forecasting smoking deaths to 2050: a forecasting analysis for the global burden of disease study.....	440
The effect of spirituality and health perception on screening behavior of people with and without a family history of cancer.....	440
Prediabetes in Delaware: a snapshot and a wake-up call.....	440
Road traffic injuries in the National Capital Region, Philippines (2011-2020).....	441
Perceptions of barriers towards dental appointment keeping among patients of a tertiary care setting: a mixed method exploration.....	441
How does sugar-sweetened beverages consumption impact health costs in Brazil?.....	441
Prevalence and associated clinical factors of GERD (Gastro-esophageal Reflux Disease) in Filipino hemodialysis patients: a cross sectional study.....	441
Prevalence and associated factors of hypertension among women in Southern Ghana: evidence from 2014 GDHS.....	442
The feasibility of applying individual patient data to assess inequity in cancer treatment retention in Northern Ghana - early results.....	442
Prevalence, awareness, treatment and control of diabetes among Iranian population: results of the national cross-sectional STEPwise	

approach to surveillance survey	442
Multilingual campaign encourages smoking cessation in Arabic	442
Content and quality of clinical practice guidelines for managing type 2 diabetes in India: a systematic review	443
Assessment of the Israeli healthcare system's functionality among Ultra-Orthodox Jews and Non-Ultra-Orthodox Jews	443
Assessment of women's autonomy towards oral care utilization and its association with cognizance, attitude, and oral hygiene practices in Sri Ganganagar, India	443
Hysterectomy and thyroid cancer risk: a systematic review and meta-analysis	443
Effectiveness and safety of self-management interventions among adults with type 2 diabetes mellitus in sub-Saharan Africa: a systematic review and meta-analysis	444
Dental care during the COVID-19 pandemic at the São Gonçalo Unit of the Social Service of Commerce, Rio de Janeiro (Sesc-RJ)	444
Consumption of energy drinks among Italian university students: a cross-sectional multicenter study	444
Combined association between physical inactivity and non-white skin color exacerbates the chance of diabetes during the COVID-19 pandemic: a population-based study in Brazil	444
Body Mass Index and physical activity habits: an observational study on modifiable risk factors for Noncommunicable diseases on students and employees of the University of L'Aquila	444
Availability of B-type natriuretic peptide testing in Brazilian public health system	445
Sinonasal intestinal type adenocarcinoma: increased incidence in Portuguese woodworkers	445
Factors associated with muscle pain in university students during the online class period	445
Polychlorinated biphenyls in meat products and its effects on human health	445
Determinants of cardiovascular diseases among Indian expatriates residing in Ajman, UAE-A Pilot study	446
Assessment of pain/discomfort and their associated factors among cancer patients with chemotherapy in Bangladesh	446
Metal exposure and obesity in Chile: a cross-sectional analysis of the National Health Survey 2017	446
Serum selenium concentrations and adherence to the MIND diet in a Northern Italian population: a cross sectional study	446
Alcohol intake and risk of hypertension: a systematic review and dose-response meta-analysis of cohort studies	447
Tea and coffee consumption and risk of dementia: a systematic review and dose-response meta-analysis	447
The role of health literacy as a factor associated with tooth loss	447
Body shape trajectories are associated with birth weight, current body mass index and sociodemographic conditions in participants of the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil): a multiple correspondence analysis	447
Cycling in Czechia: associations with cardiometabolic and mental health	448
Mortality trends in cardiovascular diseases in belgrade and perspective	448
Factors influencing shisha smoking among youths 15-35 years in juba city council, South Sudan	448
Prevalence and determinants of musculoskeletal problems among university students in Ajman UAE	448
The effect of visual-based health education on the Perception and Willingness To Pay (WTP) on Human Papillomavirus (HPV) Vaccination among Male Chinese University Students in Hong Kong SAR: a pre-post interventional survey	449
Consumption of processed meat increases the incidence of hypertension: ELSA-Brazil cohort	449
Malaria endemicity in sub-Saharan Africa: Past and present issues in public health	449
Chronic kidney disease in Slovakia - the key role of general practitioners in prevention and screening	449
Designing a Communication Strategy Toward the Promotion of Children's Oral Health Among Parents/Caretakers in Calamba City, Laguna, Philippines: An Action Research	450
Smokeless tobacco cessation support in dental hospitals in Pakistan: Dentists and dental patients' perspectives on current practices, support needed and opportunities available	450
Inequalities in the use of dental care among the elderly in 14 European countries	450
Assessment of non-communicable diseases risk factors among pre-school children's: a cross-sectional study in Sousse, Tunisia	450
Epidemiological survey of oral health in an adult population in São Tomé and Príncipe	451
Pediatric dental healthcare in serbia before and during COVID-19 pandemic	451
Screening for risk factors of big four diseases-social accountability research from Ajman UAE	451
Personalized cancer cellular therapies: a socio-economical impact of a therapeutic modality on the rise for mass-adoption	451
Countermeasure policy for chronic noncommunicable diseases in Ukraine	452
Compliance with the cervical cancer screening program among women living in low-income settings in Cali, Colombia	452
Physical activity of patients with colorectal cancer, according to sociodemographic factors, in mato grosso, Brazil, 2019-2021: A Descriptive Study	452
Socio-demographic determinants of obesity in adults: findings from the IAN-AF survey in Portugal	452
Health of mothers: integration of oral health and tobacco control into antenatal care	453
The evolving chronic disease landscape: lessons for the post-pandemic world	453
The role of law and human rights in promoting healthy diets to prevent NCDs: the experience of East Africa	453
The integration of occupational medicine and public health to improve cardiovascular health in the workplace and community	454
Holding us back? tackling inequalities in the detection and treatment of structural heart disease in Europe	454
Workshop on the sustainability of chronic care programmes with a focus on providers' acceptance during programme development and implementation	454
Workshop on estimating burden of disease metrics - experiences from the German Burden of Disease Study	455
The compliance status of tobacco control law (TCL) in Bangladesh: approach in a private university setting	455
Access, affordability and barriers to cancer care in India: stories of patient journeys	455
Assessment of surgical, anaesthesia and obstetric workforce providers in Somalia	456
A systematic review on frugal tele-otoscopy for low resource settings	456

Strengthening the public health partnership and telehealth infrastructure to reduce health care disparities.....	456
Attitude and practice of medical students in Khartoum state toward advocacy as a core component of medical professionalism 2022.....	456
Exploring interventions to address unhealthy commodity industry influence on policy.....	457
Improving adolescents' cooking skills and food literacy in Portugal: a youth-led policy idea as a lifelong health-promoting strategy. The CO-Create European Project	457
Let's Control Flu: the use of gamification in health decision-making for flu vaccination. Application to new countries.....	457
Food classification guidelines across Australia - concordance and implications of differences	457
Generating political priority for domestic alcohol policy reform: a framework to guide advocacy and research	458
Immunisation: Time to consider new preventative solutions beyond vaccines.....	458
How is the EU implementing the tobacco products directive ban on characterising flavours in cigarettes and roll-your-own tobacco?.....	458
Impact of advocacy towards integrating nursing into National Surgical Obstetric Anesthesia Policy in LMICs: Nigeria perception	458
Evaluation of the Philippine National Unified Health Research Agenda 2017-2022.....	459
Rewriting/Re-Righting first nations, métis, and inuit public health research in Canada: a commentary of the public health agency of Canada's maternity experiences survey.....	459
Birth and death registration: qualitative exploration of barriers and gender differences in selected locations in Bangladesh	459
Evaluating a peer-led intervention to support clients to vacate warrants following release from prison: a case study from British Columbia, Canada	459
Guiding principles of a peer-led intervention to support the transition to community among people released from prison in British Columbia, Canada	460
The health halo effect of 'better for you' alcohol products on women	460
Strategies to engage young people in climate decision-making: Perspectives from young Australians	460
Perceptions and experiences of women about their help seeking behavior for domestic violence in Chitral, Pakistan	460
Taxation on sugar-sweetened beverages: a systematic review and time series analysis	461
A joint action task to assess and strengthening of IHR core capacities among ten countries in Europe.....	461
Implementation research in public health programs: experience from Anemia Mukht Bharat in India	461
Global Rise of India: Evidence from Millennium Development Goals to Sustainable Development Goals	461
The agenda of civil society organizations in global health: weaving networks of social engagement and participation	462
Effects of rate of use of aphrodisiac drinks on some health parameters of commercial bus drivers in Ife-Central local government and inadequacy of information on the packs of many sampled aphrodisiac drinks	462
Advancing rare disease policy in Latin America: a call to action.....	462
Benchmarking local government policies for creating healthy, equitable and environmentally sustainable food systems	462
Unhelmeted riding, drunk riding, and unlicensed riding among motorcyclists: a population study in Taiwan during 2011-2016.....	463
Blood donation practices during COVID-19 pandemic among students of the College of Applied Medical Sciences, King Faisal University	463
Research project: Easier choices for public health -behavioral insights in policy making.....	463
Public acceptance of default nudges to promote healthy and sustainable food choices	463
Embedding sustainability in medical education and practice: the student Medaid London approach	464
Association of climate variables with malaria morbidity in a local municipality, Ghana.....	464
Dokha use-prevalence, predictors and the perception of youth residing in the UAE	464
Global challenges in implementing the international health regulations: a scoping review	464
Therapeutic pluralism policies in latin america: advances, gaps, and opportunities towards inclusive, people-centered health care systems	465
PHIRI Rapid Exchange Forum (REF): a key tool for cross-country exchange in times of crisis and beyond.....	465
Developing comprehensive public health responses to gambling research, policy and practice.....	465
"There was a lot of that [coercion and manipulation] happening and well, that's not very trustworthy": a qualitative study on COVID-19 vaccine hesitancy in Canada	465
Non-smoking outdoor environments in the health care sector in region Östergötland, Sweden.....	466
Mis/disinformation in a public health crisis: supporting the wellbeing of individuals with lupus through evidence-informed advocacy.....	466
Rural-urban variation in willingness to donate blood in Ibadan region, Nigeria.....	466
Communicating about COVID-19 vaccines with young adults: preferences, attitudes, and influences on decisions to get vaccinated.....	466
Multilevel and multidimensional communications for health equity: experiences of the health equity network of the Americas	467
Challenges for menstrual hygiene practice among adolescent school girls in West Midnapur district, West Bengal, India	467
Prevalence of Plasmodium falciparum infection in children under 15 years in two oil palm plantations in Aboisso, Côte d'Ivoire.....	467
Safety education and child safety behavior on the Road in The Gambia	467
Do the same message effect differently vaccinated and unvaccinated?.....	468
Health agencies Facebook performance before and during the COVID-19 pandemic: insights for infodemic control	468
Heating versus Eating - The framing of food and fuel poverty in UK media.....	468
The newspaper coverage of public health policies and scientific research: lessons learned by the Italian National Institute of Health during the COVID-19 pandemic.....	468
TV medical drama: how to talk about public health in Italian primetime.....	469
A health policy dialogue on emergency use authorization during COVID-19: a case of a YouTube influencer with millions of subscribers.....	469
Managing the financial risks and harms from gambling: a lived experience perspective	469
Infectious diseases risk framing in Bulgarian media during early COVID-19 pandemic and the Ebola crisis.....	469
Evaluation of the exposure to COVID-19 vaccination-promoting communication campaign in Armenia.....	470
Rational use of antimicrobials: use of technological resources for teaching-learning and health promotion	470
Sources of information on formaldehyde-will it modify behavior among students?.....	470

Public health observatories: information and communication networks for knowledge production and dissemination of reliable information in the COVID-19 pandemic	470
The use of Instagram for health promotion and prevention: a scoping review.....	471
Social networks and pandemic: netnography of a group about maternity and concerns with covid-19	471
Knowledge and sources of covid-19 information in Nigeria during the covid-19 pandemic: a case study for evaluating outbreak health communication practices in Nigeria	471
Effect of female education on contraceptive use in a selected costal area of Bangladesh	471
An assessment of COVID-19 vaccine communication from Canadian federal actors' Instagram accounts and the implications for vaccine-hesitant young adults	472
Health-related social media advertising is affected by Message Appeals	472
One health Melioidosis public knowledge measurement for driving public awareness	472
General ombudsman in Brazil: Communication to support the management of the unified health system.....	472
Experience report of dental care in schoolchildren in the municipality of Japeri-Rio de Janeiro, through the atraumatic restoration technique (ART) in the midst of the covid-19 pandemic	473
Communicating data to enhance comprehension and relevance	473
Communicating data effectively: making statistics stylish	473
Health emergency communication: which key elements?.....	473
The health information portal for better health research and policy decisions.....	474
It's (not) rocket science! a quick guide to a successful scientific communication in public health	474
Applying the principles of communication during a public health crisis to safeguard health security and democracy	475
Ethical and practical implication of COVID-19 vaccine among pregnant women	475
A critical look at science-based policy-making during the covid-19 pandemic: the case of EU covid passes and lessons learned for the future	475
The role of law and human rights in public health: setting the agenda	475
An examination of sugar-sweetened beverage tax regulations in six jurisdictions: applying a social justice perspective to beverage taxation and exemptions.....	475
A public health ethics exploration of a novel mobile health application for public health surveillance.....	476
Simplifying the information letter in health research to fit the needs of low literacy participants: a Delphi consensus study	476
Public health and humanity losses: A reiterated plead towards Jonathan Mann's principles.....	476
Moral suffering experienced by health workers in covid-19 screening centers in Brazil	477
Protecting passengers from exposure to tobacco smoke by enforcement tobacco control law & Bangladesh railways act	477
A critical study of the ethico-legal implications of expanding cadaveric organ donation and transplant in Kenya: lessons for Kenya & Africa	477
Citizens' perceptions of ethical issues in covid-19 containment measures: A comparative quantitative study.....	477
Clinical safety of natural compounds, an evidence-based approach	478
How including scientific evidence in legal decision-making can help us answer questions in public health law. Case study: justifiability and proportionality of discrimination in EU Digital COVID Certificates.	478
Research ethics in times of pandemic: the case of proxalutamide to treat COVID-19 in Brazil	478
The world healthcare I would not want... ..	478
Advancing public health and health equity through human rights law	478
There is no public health without ethics - Code of ethics and professional conduct for good public health practice	479
Impact of the 2022 flood and the incidence of Malaria in Sohbatpur District, Balochistan-Pakistan.....	479
Population health trends analysis and burden of disease profile observed in Sierra Leone from 1990-2017	479
Investigation of the performance of public policies in risk management in the face of disruptive events in Brazil	479
Improving access to primary health care for refugee women and children using Health Emergency and Disaster Risk Management Framework during pandemic: a mixed method study in three countries.....	480
Changes in drug demand when a pandemic coincides with other outbreaks in a war zone country.....	480
Factors, health system preparedness, and response strategy for the recent cholera outbreak in Syria	480
SHARP Work Package 7: EMERGE Laboratory Network	480
Poisoning assessment and patients' behavior seeking healthcare within urban and rural communities of Burundi.....	481
Differential ethnic approach as a strategy to reduce disaster risk in multicultural communities: the case of Colombia.....	481
Societal disruption as a disaster	481
Direct and indirect economic impact model for imported hemorrhagic fevers outbreaks in the EU, UK and US.....	481
Gender roles and intra-household decision-making on child feeding practices: a qualitative study exploring gender power dynamics in Somalia	481
Reaching the unreached in high-risk population of Nepal - Mobile COVID-19 Vaccination Service.....	482
The impact of violent conflict on pharmacy practice in the Middle East	482
Implications of an intensive care unit urgent transfer in terms of clinical and infectious risk	482
Implementation of Case Management in emergency departments: the influencing factors	482
Climate change and threats to public health in Pakistan: a gender analysis of vulnerable communities.....	483
The effect of violent conflict on prescription/nonprescription drug misuse and abuse in four Middle Eastern countries.....	483
Public health consequences of flooding: evaluation of Cholera outbreak in Nigeria	483
20-year disaster epidemiology in Italy: what have we learned and how prepared are we?	483
Preferable model of Public Health Emergency Operation Center in the regional level of Indonesia	484
Long term post-traumatic stress disorders among the earthquake affected people of Sindhupalchwok, Nepal	484
Identifying and scoping new options for healthcare system strengthening in North East Syria	484

Global capacities for Implementation of International Health Regulations	484
The new normal: Ensuring Continuity of Family Planning and Reproductive Health Services During Health Emergency Response in Davao City, Philippines	485
Implementing Public Health Policies in practice: how Local Health Authority Roma 1 managed the Ukrainian refugee crisis	485
Evaluation of individual preparedness for emergencies / disasters among members of health professions' chambers in Ankara - Turkey	485
War and peace in public health education and training - a scoping review	485
Local response to humanitarian crises: the experience of Roma 2 Local Health Authority with the Afghani and Ukrainian crises	486
Impact of Russian war in Ukraine on COVID-19 dynamics in Italy	486
Ukrainian refugees and migrants' access to healthcare services in Tuscany	486
What are the psychosocial health realities of women surviving wartime sexual violence in africa? a rapid qualitative systematic review	486
Malaria transmission in the coastal zone and in the center of the Ivory Coast during the dry season	487
Knowledge, attitude, and preventive practices regarding dengue fever among sudanese citizens and associated factors in Khartoum state, Sudan	487
Knowledge, attitudes, and practices related to disaster preparedness among students of the College of Applied Medical Sciences at King Faisal University	487
Climate effects and health emergencies: analysis of response actions to floods in Bahia, Brazil	487
Pandemic surveillance system pilot	488
Adaptation of the hospital structure in response to covid-19 in Bahia, Brazil, year 2020	488
Quality of life in patients with type 2 diabetes mellitus in a city in southeastern Brazil	488
Impact of infrastructure disruptions on Puerto Rican household capabilities, health, and well-being	488
Clinical-epidemiological description of the Ukrainian refugees in Italy: the experience of the local health authority roma 1	489
Nuclear Anxiety in a context of Russian-Ukrainian War 2022 (RUW-22): Descriptive Cross-sectional Study	489
Knowledge, attitudes, and behaviors towards proper nutrition and lifestyles in ukrainian diabetic patients during the covid-19 pandemic	489
The experience of an italian local public health department in floods preparedness and response	489
Public health governance and outcomes in ukrainian citizens moved in a part of the veneto region, Italy	490
War in eastern Europe: a humanitarian disaster	490
Public health in emergencies, disasters, and wars: what is needed for regulatory preparedness?	490
Prevalence of violence against health care workers in the emergency department of a teaching hospital in Nigeria	491
Strengthening public health capacity in Africa - the case of advanced public health education and training in Cabo Verde	491
Organisational policy to support oral health equity in Aotearoa New Zealand	491
Impacts of industrial actions, protests, strikes and lockouts by health and care workers during COVID-19 and other pandemic contexts: living systematic review	491
Implementation of advanced practice nursing in primary health care in Brazil	492
Second victim phenomenon in Italian healthcare workers: IT-SVEST survey and latent profile analysis	492
Public Health workforce development	492
Individual and psychosocial study environment characteristics associated with exposure to sexual harassment at a large public university in Sweden	493
Understanding the impacts of COVID-19 on the mental health and intention to leave among the Canadian public health workforce	493
Implementation of policy and management interventions to improve health and care workforce capacity to address the COVID-19 pandemic response: living systematic review	493
Public health roles and responsibilities 2022-2030: a job task analysis	493
Interprofessional collaborations to improve the implementation of prenatal oral health care in primary health care	494
Widespread racism in the UK's health and social care sector is a significant threat to public health	494
In the eye of the storm: Hospital leaders' resilience during the COVID-19 pandemic	494
Physician profiles according to determinants of scope of practice in Brazil	494
Is 'muddling through' the way forward for NCD program management in Nepal?	495
Leadership styles, which one fits better? A bibliometric analysis	495
Determinant factors of choosing public health as a medical residency in Portugal	495
The Portuguese national health accreditation program - does it fit a public health unit reality?	495
Variability of patient safety culture among nursing home staff: a cross-sectional cohort study	496
Midwives struggle for recognition: a constructivist grounded theory study	496
Definition of the staffing standard of the family or community nurse	496
Integration of oral health with primary health care, an interprofessional collaborative approach in udupi district, South India	496
Distribution and availability of medical doctors in the state of Rio de Janeiro, Brazil: The need for medical workforce regulation	497
Continuity of care service for the benefit of difficult discharges	497
Exclusive versus expanded, and shared scopes of practice of medical specialties in Brazil	497
The reflection of the covid-10 pandemic on physicians' work practices in Brazil	497
Patterns of physicians' circularity in health regions in Brazil: a cluster analysis	498
Public health workforce capacities and the challenges for preparedness	498
Supporting the ukrainian health professionals - war refugees - to study czech language and czech health system in one place	498
New trends of practice arrangement among specialist doctors in Brazil	498
Interprofessional collaboration and the law: the importance of interdisciplinary research approach	499
The institutional support and its impacts on healthworkers'groups in two Brazilian public hospitals	499
Quantitative research on the structural empowerment of nurses and the emotional intelligence of their managers in a Moroccan tertiary	

hospital.....	499
Relationship between working conditions and incidence of Arterial Hypertension in ethylene production workers	499
Cultural aspects and the work of community health workers: community values and health services	500
Strengthening public health functions in azerbaijan through community oriented primary care training.....	500
Strengthening advanced practice nursing and collaboration in PHC in Brazil and Germany	500
Emerging young health leaders and their roles in tackling global public health challenges.....	500
The public health leadership coalition: a valuable experience during hard times	501
Leading out of the turmoil - perspectives from early career public health professionals as future leaders on the vision of public health for the 22nd century	501
Industry responses to the work of those involved in exposing the harmful practices of corporations	502
The impact of care continuity on health care use and costs: evidence from movers	502
More for less: why some primary health care centers in Addis Ababa are more efficient than others	502
Governing the commercial determinants of health: the role of non-government organisations	502
Addressing the corporate determinants of ill-health and health inequity: a scoping review and proposed solutions-oriented research agenda.....	503
Children's food environment	503
A global policy index to create healthy, equitable and environmentally sustainable food systems at national and local levels	503
Is implementing a national preeclampsia screening program worth it?	503
Determinants of COVID-19 vaccination worldwide: a retrospective observational study.....	504
Cost-effectiveness analysis of procalcitonin and lung ultrasonography guided antibiotic prescriptions in primary care.....	504
Arguments made by the alcohol industry in submissions to the WHO consultation for the Alcohol Action Plan 2022-2030.....	504
The macro-economic determinants of health outcomes in EU member states.....	504
Aiding empirical research on the commercial determinants of health: a scoping review of lobbying research	504
Implementation evaluation of regional health consortia in Bahia, Brazil.....	505
How ready is the Italian healthcare system regarding the use of genomics in medicine? An application of the Beyond 1 Million Genomes (B1MG) Maturity Level Model (MLM)	505
Where is the evidence supporting voluntary and public-private partnership policies for promoting healthy food environments? Findings from four evidence syntheses	505
Chronic diseases attributable to a diet rich in processed meat in Brazil: Burden and financial impact on the healthcare system	506
Territorialization of health care equipment in Minas Gerais, Brazil.....	506
Issues of high relevance for sustainable health: a validation study in Portugal, 2021.....	506
Seeking to be seen as legitimate members of the scientific community? An analysis of the involvement of two transnational tobacco companies in scientific events	506
Feasibility of the requirements and recommendations of the Brazilian school feeding program	506
Diagnostic technology: trends of use and disponibility in the last decade among sixteen OECD countries	507
Healthcare costs of the progression of chronic kidney disease in patients with type 2 diabetes mellitus in Colombia	507
Efficacy of low-level laser therapy in reducing local manifestations of bothrops atrox envenomations: a randomized clinical trial	507
How can public participation improve health equity? a case study comparison of citizens' juries and health impact assessment.....	507
Organizational setups and strategies for new healthcare models: integrated practice units	508
The extent of financial risk protection among households enrolled under national health insurance schemes in West Africa	508
The costs of psoriasis and atopic dermatitis in Europe: a systematic literature review	508
The shift to domestic healthcare before and after COVID in South-East Tuscany.....	508
National recovery and resilience plan: a framework to strengthen the italian territorial health care system.....	509
Healthcare Homes and Community Health Homes: strengthening community-based care to build resilient health systems. The case study of the Romagna Local Health Authority.....	509
Global and regional governance of One Health and implications for global health security	509
The impact of two decades of conditional cash transfers on child health in Latin America: An integrated evaluation and forecasting analysis to mitigate effects of the economic crisis	509
Effectiveness of regional health polyclinics in the state of Bahia, Brazil.....	510
Are hospital beds endowment a driver of patients' migration?.....	510
Hunters' behavior change preferences and perceived risk of Tuberculosis and Brucellosis infection from bison in Canada	510
A sustainable resource management model: Establishment of an orphan drug-day for the administration of patisiran.....	511
Delivering prevention in an ageing world: the healthy ageing and prevention index.....	511
The community pharmacy integration in colorectal cancer screening: the italian model	511
The experience of approaching child labor in a Brazilian public school.....	511
Economic impacts of covid-19 on patients with type 2 diabetes in Tanzania and Kenya: a costing analysis	512
Relations between the public administration and the private sector in the contracting of health services in a hospital complex in the city of Rio de Janeiro, Brazil.....	512
Public health actions implemented by the Lombardy Region to revamp cervical cancer prevention	512
A conceptual framework to evaluate the socioeconomic impact of in-silico models for implantable medical devices	513
Dots therapy as an "idealized body" making project: Participation of pulmonary tuberculosis patients in the national tuberculosis control program (ntp) of Bangladesh.....	513
The comprehensive health impact of cash transfer, social pensions and primary health care in Brazil: An integrated evaluation and forecasting analysis to mitigate the effects of the global economic crisis	513
Analysis of melanoma-related cost factors based on clinical and pathological features	513

Opportunistic hepatitis c screening in emergency department to curb undiagnosed fraction	514
Primary healthcare and health district : Regulatory, functional and application aspects	514
Understanding the normative leadership of the world health organization (who): a mixed-method approach	514
The role of family practitioners in the primary healthcare system in Rio de Janeiro	514
COVID-19 'infodemic' management: Russia's key tool for influencing geopolitics	515
Impact of covid-19 policy responses on health, socio-economic and environmental dimensions in five countries	515
Acceptance rate, cost avoidance of clinical pharmacy interventions: A follow up interventional study from Palestine	515
The association between informal care and labour market outcomes in South Africa and Zambia: a cross-sectional analysis of data from HPTN071 (PopART) study	516
A qualitative exploration of dentists' insight, perceptions, and acceptability related to different payment mechanisms and incentive schemes: the perspective of a group of Italian key informants	516
Framework for implementing and monitoring the national public health policy in Sweden: towards a new national public health infrastructure	516
Confidence in midwives in prevention of HPV - associated diseases in Bulgaria.....	516
Impact of COVID-19-related economic crisis and mitigation effects of social protection on AIDS and Tuberculosis: a mathematical modelling approach.....	517
Towards the implementation of the first National Health Policy in Tunisia	517
Is the Portuguese National Health Accreditation program suitable to its reality? - a review	517
Cadmium and risk of cardiovascular disease and stroke: a systematic review and dose-response meta-analysis	517
Cervical cancer elimination in Italy: current scenario and priority actions for a values-based prevention	517
Institutional support as a device for implementing policies in Brazil's unified health system.....	518
New wine in old bottles: wicked problems associated with inter-LGU cooperation and its implication on the governance of integrated local health systems.....	518
Impact of price reductions on pharmaceutical expenditure in Greece	518
Conflicts of interest (Col) and undue corporate influence in public health: from the international context to local interventions	519
Governing for planetary health equity	519
Anemia and its determinants among apparently healthy women from pastoralist communities of Ethiopia: a community based cross sectional study	519
Ending the epidemic: High- and middle-income country responses to scaling HIV prevention strategies in real world settings	519
The commercial determinants of health: models, tools and solutions.....	520
Is the HIC/LMIC country classification still relevant in today's health equity dialogue?	520
EU4Health Programme and the role of national focal points for 2023 and beyond.....	520
Decolonising Global Health: understand, reflect, improve.....	520
Geospatial Analysis of Type 2 Diabetes Mellitus and Hypertension in South Sulawesi, Indonesia	521
Understanding what really drives 'healthy' public policy: the human systems coherence framework.....	521
Co-creation of health-enabling initiatives in food retail: academic perspectives	521
Development and internal validation of a diagnostic prediction model for psoriasis severity	521
Antitumor activity of Xiaoaiping injection on human gastric cancer SGC-7901 cells	522
Food literacy, food environments and monitoring and surveillance in public health	522
Positionality, reflexivity and ethics in global public health research	522
Times trends of atopic dermatitis among the Chinese population, 1990-2019: a joinpoint and Bayesian age-period-cohort analysis.....	522
Identifying predictors of frequency of 1-year readmission in adult patients with diabetes using count data regression models	523
Biased, wrong and counterfeited evidences published during the COVID-19 pandemic, a systematic review of retracted COVID-19 papers	523
The use of anthropology, ethnography and cognitive sciences for understanding the influence of online communities on public health: measles outbreak and anti-vaccination movement - lesson not learned	523
High risk of death from multiple causes following release from incarceration: an individual participant data meta-analysis of 1,471,526 adults in eight countries.....	523
Modelling HIV/AIDS epidemiological complexity: a scoping review of Agent-Based Model and their application.....	524
Prevalence and profile of Tinnitus in Brazilian primary health care.....	524
Supporting the achievement of global goals for health and wellbeing through social prescribing: defining the concept.....	524
Student involvement in implementation and evaluation of a school-based health promotion program in upper secondary school: a participatory research approach.....	524
Heller's concept of needs: a theoretical approach to analyze health management practices.....	525
Holism vs. Individualism in public health methodology: a case study of capitalism and infant mortality.....	525
Linking 1.7 million non-EU migrants and refugees to hospital data in England: linkage process and quality	525
Integratedness of qualitative research Results into public health measures and policies in the Republic of Serbia.....	525
Reaching and targeting more effectively: a local experimentation of segmentation to improve access to preventive health examinations.....	526
Analysis of burnout and fulfillment levels in rehabilitation health professionals	526
Is Vitamin supplementation effective in the prevention and management of SARS-CoV-2 infection and in Long COVID? A systematic review of randomized clinical trials	526
Nanoparticle concentration in Exhaled Breath Condensate as a novel biomarker for assessing exposure to nanomaterials in occupational environment.....	526
Bayesian approaches in public health: a cross-campus comparison of sexual violence victimization	527
A territorial turn in research on health inequities	527

Small-area deprivation index does not improve the capability of multisource comorbidity score in mortality prediction	527
The impact of COVID-19 pandemic on HIV screening scientific production	527
The use of artificial intelligence and natural language processing for visualizing social media discussions surrounding the repeal of Roe v. Wade in the United States of America	527
Nutrition literacy assessment in oncology informal caregivers: preliminary data of a cross-sectional study	528
Use of quasi-experimental studies to evaluate causal effects of public health interventions in Portugal: a scoping review	528
The social determination of the health-disease process approach in dialogue with racial inequities in Indigenous peoples' oral health	528
Experiences in the application of logic models in the context of workplace health promotion - a focus group study.....	529
Early Assessment of expansion of New Born Screening panel in the Italian context	529
Professional health literacy - first results of a pilot study in Austria, Germany, and Switzerland.....	529
Audit & feedback design and implementation in emergency care: a regional level experience within the easy net program.....	529
Characterization of complex multimorbidity patterns through network models: epidemiology and impact on mortality and health services use	530
The View of the Approaches of Health Professionals and Patient Relatives to Stem Cell Treatments	530
Conducting rapid reviews for health policy makers during the pandemic in an evolving evidence ecosystem: New synthesis methods and dissemination plans	530
Congenital anomalies and environmental exposure - susceptibility to atmospheric pollution	530
Conspiracy theories about vaccines in Portugal: Using the vaccine conspiracy beliefs scale to study the association between conspiracy beliefs and behaviours/attitudes towards vaccination against COVID-19.....	531
A framework for implementing pilot studies on medical deserts in Cyprus, Finland, France, Hungary, Italy, the Republic of Moldova and Romania	531
Investigating the impacts of an alcohol outlet zoning policy on substance misuse and violent crimes : A spatial agent-based simulation.....	531
Developing health research impact assessment in Italy: The case of piedmont region.....	531
A comprehensive one-year correlation analysis between prevalence and number of sars-cov-2 rna copies detected in wastewater from 8 sicilian cities in Italy	532
A multi-step methodology to identify the food biodiversity that underlies Brazilian diets	532
The case for a socio-ecological approaches in the evaluation of mosquito larval source management for malaria control in Haiti	532
Title- exploring the experiences of black, asian, and minority ethnic family members living with black, asian, and minority health care workers in the UK during the covid-19 pandemic: an interpretative phenomenological analysis	533
Challenges and facilitators to conduct community-based participatory research to improve health equity among homeless people in Switzerland: an ethnographic fieldwork.....	533
Thirty years of global research on transgender-related topics: a bibliometric analysis and visualization.....	533
Toxicological assistance in the context of a public and universal health system: a normative evaluation	533
Effects of selenium supplementation on blood lipids: a systematic review and a dose-response meta-analysis.....	534
Analysis of a historical series of oral health care provided by the Odontosesec project in Rio de Janeiro state in the period between 2015 and 2019	534
Visualizing social media discussions of policy-relevant issues surrounding the opioid crisis in the United States	534
Development and validity evidence of a questionnaire to assess the risk of hypertension in primary health care	534
Respondent-driven sampling, methodological developments and applications to public health.....	535
The impact of health systems and health services on inequalities in population health	535
Methodological innovations in climate change research applied to communicable and non-communicable human diseases	535
Using a systems thinking approach to support healthy and sustainable food systems	536
Research methods for global public health oriented health services research - what can we learn from each other?	536
Bagasse dust exposure and chronic respiratory health symptoms among workers in the sugar factories in Ethiopia: a longitudinal study design.....	536
Knowledge, attitudes, and practices regarding ergonomic hazards among healthcare workers in a Saudi Government hospital	537
Have work-related accidents and ill-health in Brazil declined since the introduction of the accident prevention factor?	537
Knowledge and adherence to the Mediterranean Diet in subjects who practice regular physical activity	537
Assessment of knowledge, attitude and practice and associated factors on the prevention of occupational health risks among solid waste collectors in Lideta Subcity	537
Study of the viability of community-based mutual health insurances in the Department of Vélingara in 2019 in Senegal	538
The role of local health and community actors in delivering social protection during the COVID-19 pandemic in Gujarat, India	538
Equity in mobility: an intersectional policy analysis from India	538
Access to healthcare among the elderly suffering from COVID-19 and catastrophic health expenditure in West Bengal, India	538
The mediating effect of sleep quality and psychological distress on the relationship between precarious employment and physical health.....	539
Evaluation of the number of accesses with "codice rosa" to the emergency department of Azienda Ospedaliero-Universitaria Pisana (A.O.U.P.): a care path for victims of violence/abuse	539
Effects of smart working on productivity and personal and job wellbeing in a sample of employees of the university of l'aquila: analysis two years after the COVID-19 Emergency	539
Assessing perceptions on the burden and health systems preparedness for snakebite in Odisha, India: a qualitative study.....	539
Return to work after total hip arthroplasty.....	540
Implementation integrated total worker health approaches for promoting worker safety and health, and well-being in southern Thailand	540
Impact of social assistance on poverty-related infectious diseases: A longitudinal study in 51 countries	540
What are the attributes of a household vulnerable to catastrophic health expenditure? using national survey data to analyse health expenditure	

for non-communicable diseases in India	540
The impact of covid-19 on child drowning prevention activities in rural Bangladesh	541
Authors of sexual violence: a scope review	541
Occupational exposure to chemical pollutants among warehouse workers at logistics companies	541
Community member perspectives on gun violence intervention in the Southeast United States	541
A case report: Erythema Pernio or Perniosis, with SARS-CoV 02;.....	542
Predisposing factors affecting the psychomotor vigilance of nurses working night shift	542
Mortality due to motorcycle accidents in Mexico.....	542
Jet fuel and hearing loss: a systematic review of impacts to the auditory system	542
Quadbike Injury Risk Clusters - A Cluster Analysis of Emergency Records in Dubai, United Arab Emirates.....	543
The acceptability of implementing an ongoing surveillance tool of behavioral risk factors for noncommunicable diseases in the Republic of Moldova.....	543
Assessment of sterilization services in Mongolia from public health perspective.....	543
An epidemiological early warning system for COVID-19 dynamics.....	543
Ten years of surveillance of Surgical Site Infections (SSIS) in Piedmont: trends and burden for hip prosthesis and colon surgery.....	544
Mycobacterium chimaera surveillance: lessons learned over 5 years of samplings	544
Surgical site infections during and after the pandemic: a retrospective cohort study on outcomes after abdominal surgery in Italy	544
Prevalence of healthcare-associated infections and antimicrobial use in Italian long-term care facilities: results from a national cross-sectional study (2022).....	544
Healthy Finland survey as the latest uptake for 50 years' of population health monitoring in Finland.....	545
Integrated surveillance of foodborne diseases: the organization of the Piemonte region (Italy)	545
EASY-NET program: methods and preliminary results of an audit and feedback intervention in the emergency care for Acute Myocardial Infarction in the Lazio region, Italy.....	545
Point prevalence survey of healthcare associated infections in acute-care hospitals: a validation study in Italy, 2022.....	545
Digital platform for surveillance of COVID-19 in primary health care services in Brazil.....	546
Social support and medication compliance among myasthenia gravis patients in China: mediating role of mental health and self-efficacy.....	546
Change in quality of life in adults with late-onset Pompe disease receiving under-dose of enzyme replacement therapy in a nationwide registry: a retrospective matched cohort study from China	546
Assessment of the regional healthcare services' resilience during the COVID-19 pandemic: the Italian model	546
Impacts to health equity from changes in ontario, Canada's regulation of alcohol, cannabis, and vaping product sales	547
Elective surgery in the time of COVID-19: a lesson learnt	547
Impact of a benchmarking and feedback intervention on surgical site infections following hip arthroplasty and colon surgery procedures: an interrupted time series analysis.....	547
Acute respiratory virus emergency department admissions in a tertiary care hospital in Central Italy and the relative impact on bed occupancy, January 2017-May 2022.....	548
Pilot study to evaluate the impact of respiratory syncytial virus in the community, in children under 5 and adults over 65	548
Food price trends during COVID-19 pandemic in Brazil	548
Feasibility and validity of a semi-automated system for the surveillance of surgical site infections in an Italian acute healthcare setting ..	548
Frequency of provincial custodial involvement and its relationship with illicit drug poisoning events, mental illness and substance use disorder diagnoses in British Columbia, Canada.....	549
Assessment the capacity of whatman filter papers as support for storing stools for molecular diagnostic of soil-transmitted helminth infections.....	549
Improving public health surveillance systems for acute post-streptococcal glomerulonephritis in Far North Queensland, Australia	549
Arboviruses and leptospirosis among non-malarial outpatients with acute febrile illness in areas affected by Cyclones Idai and Kenneth in Mozambique	549
An equity-focused health impact assessment of the COVID-19 pandemic and associated response.....	550
Informing suicide prevention strategies through completed coronial files: an Irish example.....	550
Factors associated with tuberculosis preventive treatment incompleteness: a retrospective Cohort.....	550
Burden of road traffic crashes in the middle east and north africa: an ecological study	550
Difficulties in accessing health services and the avoidance of medical care during covid-19 pandemic: The experience on italian the elderly population.....	551
Associations between not performing in the recommended timeframe cervical, breast and colorectal cancer screening and socioeconomic characteristics and behavioural risk factors: data from the italian passi nationwide surveillance	551
Antibiotic use in surgical wards: how long does prophylaxis last?	551
Developing a core outcome set for patient safety in perioperative care (SAFEST project)	551
Alert Microorganisms Procedure: Surveillance, Monitoring And Prevention Of Health Care Associated Infections	552
The association between smoking and the development of diabetes type 2 - results from the Germany burden of disease study	552
Assessment of sars cov-2 genomic surveillance in Tunisia, January 2021 to february 2022.....	552
Monkeypox's management in the lombardy region: data analysis and preparedness for future outbreaks.....	553
Spain's compliance with the dublin declaration on partnership to fight hiv/aids	553
Comparing estimates of intimate-partner violence against women across different data sources in Brazil.....	553
Data completeness of medical records of patients with Hypertension and Diabetes in primary health care centers, Nabeul, Tunisia 2019 ..	553
Instruments for surveillance and monitoring physical activity among the Brazilian population: a scoping review	554
Detection of bacillus anthracis rods in animal and human specimens, Uganda 2015-2020.....	554

Assessment of cetyltrimethylammonium bromide-based method for the extraction of soil-transmitted helminths DNAs from stools for molecular diagnostic of soil-transmitted helminth infections	554
Early identification of Clostridium Difficile patients in the Emergency Department: Observational study in acute care hospital in Sicily.....	555
A point prevalence survey on healthcare-associated infections in an acute care hospital in central Italy: preliminary results	555
Oral Adverse Events of COVID-19 Vaccines in Europe: Analysis of EudraVigilance Database.....	555
Wastewater surveillance of sars-cov-2 variants in Italy: a powerful tool for tracking the spread of sars-cov-2 variants/subvariants in the population.....	555
Seroprevalence of SARS-CoV-2 specific antibodies in Portugal May 2020 - June 2022: results of four serial seroepidemiological surveys	556
Prevalence study on healthcare-related infections and the use of antibiotics in humanitas mater domini	556
The relationship between increased hospital length of stay and accessibility to care settings with lower levels of complexity in Italy.....	556
Agroecology versus agribusiness: An experience of popular health surveillance against the impacts of agribusiness in a region of Brazil	556
Analysis of violence reports in the town of nova iguaçu/state of Rio de Janeiro/Brazil, from 2014 to 2020.	557
Household survey as a tool for detecting the determinants of health: de facto census survey in rural settlements of shamakhi region, azerbaijan	557
Popular surveillance of pesticides	557
Excess mortality associated with voc-specific covid-19, flu and extreme temperatures: A comprehensive time-series analysis approach to estimate attributable mortality during the covid-19 pandemic in Portugal.....	557
New incidence of lung cancer in Hanoi in the period 2015 - 2019	558
The future of health impact assessment- setting the Research Agenda	558
Public health surveillance: lessons from the pandemic.....	558
Challenges in the surveillance of chronic diseases in an era of big data	559
Impact of the COVID-19 vaccination on the trend of COVID-19 in Ireland: a joinpoint regression analysis	559
Development of a road map to scale up the uptake and utilization of Influenza vaccine in 22 countries of Eastern Mediterranean Region.....	559
Human Papillomavirus vaccination delivery systems within National and Regional Immunization Programs: a systematic literature review	559
Cape Verdean immigrant parents report very low knowledge of HPV: an urgent call for culturally grounded and sensitive education to reduce HPV-associated cancers and disparities	560
Children and young people's understanding of vaccines in the United Kingdom.....	560
Immune responses to the adjuvanted recombinant zoster vaccine in immunocompromised patients	560
Early Results on safety of monkeypox vaccine using active surveillance, a bicentric study in Italy.....	560
Attitudes towards vaccinations in Italian cohort of IBD patients.....	561
Efficacy and safety of quadrivalent conjugate meningococcal vaccines: a systematic review and meta-analysis	561
Barriers and strength factors of adult immunization plans in seven countries of the European Region	561
Analyzing COVID-19 vaccine hesitancy among Nepalese people: a cross-sectional study at National level.....	562
Immunize BC's informed choice program	562
Characteristics of effective educational interventions targeting healthcare workers to improve advising about vaccinations for older adults: a systematic review.....	562
The use of test-negative case-control studies to determine the effectiveness of influenza vaccination in pregnancy: results from a systematic review and meta-analysis.....	562
Understanding the barriers to HPV vaccine uptake: an exploration of the Canadian landscape on HPV immunization programming opportunities.....	563
Vaccination coverage in diabetic patients in the Lombardy region.....	563
Determinants of vaccine hesitancy towards pediatric and adolescent vaccinations and interventions aimed at contrasting that issue in Europe: an overview of systematic reviews	563
Vaccination hesitancy among parents of school children in the United Arab Emirates: a cross-sectional study.....	563
The vaccination coverage rate in under-five children in Nasiriyah (Iraq) before and during the COVID-19 pandemic.....	564
Prevalence of observed BCG scar in a cohort of health care workers from three Lusophone sub-Saharan African countries: cross-sectional comparative study	564
Vaccination among HIV+ patients: an Italian cross-sectional survey.....	564
Hospital-Territory Vaccination Center: pilot study on a multidisciplinary model for administration of recombinant zoster vaccine in fragile patients	564
Human Papillomavirus (HPV) vaccination recovery campaign in Emilia-Romagna region, Italy: impact on vaccination coverage in women up to 25 years	565
Routine immunization of older adults and frail people during the SARS-COV2-pandemic in Italy: a national survey by Italia Longeva	565
Pediatric COVID-19 vaccine hesitancy based on parents' attitudes towards mandatory and recommended vaccination in Southern Italy ...	565
The frequency of missed opportunities for simultaneous vaccination and their impact on vaccination of children in The Gambia	566
Kids boost immunity: inspiring learning through global citizenship.....	566
Exploring waning COVID19 vaccine effectiveness against reinfections in the pediatric population: a retrospective population analysis	566
Potential side effects after paediatric anti-COVID19 vaccination in subjects with existing comorbidities, congenital and otherwise	566
Sustained effect of pneumococcal vaccination in the Stockholm area: a follow up between 2012 and 2016.....	567
COVID-19 Pandemic and the increasing measles attack rate among under-five children in Gezira state, Sudan, 2020-2022	567
A pilot experience of a clinic for the evaluation of contraindications to vaccine administration: results from the first year of activities in Puglia, Italy	567
Determinants of timely administration of the hepatitis B vaccine birth dose in Senegal in 2019: Secondary analysis of the demographic and health survey.....	567

Reasons for non-uptake of Influenza Vaccination: comparison between high-risk and non-high risk groups in Portugal	568
Impact of influenza vaccination strategy on medically attended influenza in Portugal in five pre-pandemic seasons (2015/16 to 2019/20).....	568
The “access to vaccination for newly arrived migrants” project: barriers and solutions in the vaccination offer among the consortium countries.....	568
Adverse events following immunization with recombinant adjuvated anti-herpes zoster vaccine: data from active surveillance in Puglia, Italy ..	569
From birth to booster and beyond.....	569
Glossary on Essential Definitions related to vaccines: strengthening vaccine literacy and promoting a participatory approach.....	569
Knowledge and Attitude Towards the Tdap (Tetanus, diphtheria, acellular pertussis) Booster Vaccination in Healthcare Workers in a Large Academic Hospital in Southern Italy in 2022: a Cross-sectional Study	569
The public health challenge of addressing communities with sub-optimal uptake of routine childhood vaccinations in Israel.....	570
Systematic review and meta-analysis of the effectiveness of vaccine catch/mop/keep-up remind or recall interventions in comparison to standard vaccination offer	570
Retrospective multicenter study on ‘real life’ experience on the use of two different hexavalent vaccines in 5 local health authorities of the sicilian region from 2016 to 2019	570
COVID-19 vaccination effectiveness: one year of observation	571
Exemption or hesitation? Analysis of COVID-19 vaccination exemption requests in a health district in marche region.....	571
Observatory of immunization programs of Ibero-America: Year 2020.....	571
Evaluating the impact of COVID-19 vaccination and vaccine timing on SARS-COV2 infection in healthcare workers in the real-world healthcare practice	571
Refugees from ukraine in the pandemic context: the approach of a Public Health Unit in Tuscany, Italy.....	572
How to guarantee more dTpa boosters doses in Italy?	572
Moving the needle: Improving uptake of adult vaccination in Japan	572
Widening disparities in teen hpv vaccinations during covid-19 pandemic: A case study Italy.....	573
Interventions to increase vaccine uptake in prisons: A global systematic scoping review	573
Co-administration of vaccines against rotavirus and group b meningococcus is associated with an increased rotavirus vaccination coverage: a 5-year retrospective population study	573
Real life experience of knowledge, attitudes and acceptance rate of covid-19 and influenza vaccine administration in one of the main vaccination hub of sicilian region at the university hospital of palermo, Italy.....	573
Between compulsory vaccination and the COVID-19 pandemic: effects on the vaccination coverage trend in a province of Southern Italy ..	574
Monkeypox (mpox)-related knowledge and vaccine hesitancy among czech healthcare professionals	574
What is the difference between choosing to vaccinate for a mandatorily or recommended vaccine?	574
Digital Assessment and Intervention based on HPV vaccination hesitancy and related cognitive biases	574
Delivery of international vaccinations at the territorial units (uts) of the air and maritime border health offices and seafarers’ health services (usmaf-sasn) of the ministry of health in the period 2017-2022.....	575
Building towards vaccine acceptance -community co-design framework	575
COVID19 vaccine hesitancy among an urban population during lockdown in India	575
Outcomes of cervical cancer screening among vaccinated and unvaccinated women against papillomavirus: a study protocol and preliminary data in the metropolitan area of palermo	575
Vaccine service quality and confidence assessment results of a survey in outpatient clinics of the Catania ASP	576
From vaccines to vaccinations ...listen to the professionals involved on the vaccination of newly arrived migrants in Italy.....	576
COVID-19 in high-risk exposure population: vaccine efectiveness in the portuguese navy.....	576
European immunization week as an opportunity for raising awareness on prevention function of the primary health care services in rural settings: 2022 shamakhi-azerbaijan case	577
Immunisation of people with HIV: an analysis of current pathways	577
Herpes zoster vaccination pathway in the immunocompromised patients	577
Active offering influenza vaccination for frail people during hospitalization: a pilot study in Sicily (Italy).....	577
Effectiveness of covid-19 vaccine booster dose among healthcare workers: a systematic review	578
COVID-19 vaccination hesitancy in people affected by diabetes and strategies to increase vaccine compliance: A systematic review and meta-analysis	578
Factors associated with covid-19 vaccine hesitancy: Cross-sectional study.....	578
Preventable post-measles Subacute Sclerosing Panencephalitis (sspe) in Northern Pakistan: a call to investigate vaccine failure	578
Sentiment towards vaccinations in Chinese healthcare workers: preliminary results from an international survey.....	578
Symbolic barriers for access to health services in Guatemala: children’s immunization as marker	579
Insights and expectations of health care professionals on the implementation of the new pediatric Regional Immunization Calendar in Calabria, Italy	579
The first 9 years of use of 4 components meningococcal B vaccine administered to nearly 3 million subjects in Italy: an outstanding achievement in public health.....	579
Results of the first national survey on vaccines co-administration knowledge and beliefs carried out among Italian health assistants.....	580
Risk factors for reinfection after booster dose of the anti-SARS-CoV-2 vaccine BNT162b2 among healthcare workers.....	580
Knowledge and practices among healthcare professionals regarding measles vaccination: is there a gap?.....	580
Assessment of vaccination coverage in patients with functional or surgical asplenia: analysis of vaccination coverage for pneumococcus and influenza in the population of Azienda Sanitaria Universitaria Friuli Centrale.....	580
Assessment of vaccination coverage in Diabetic patients: analysis of vaccination coverage for pneumococcus and influenza in the population of Azienda Sanitaria Universitaria Friuli Centrale	581

The vaccination coverage of the poliovaccine in Brazil: a time-series analysis from 2012 to 2022.....	581
Impact of the covid-19 pandemic on the children's immunization program in the Federal District, Brazil.....	581
Perception of the health providers on the factors affecting vaccine hesitancy and acceptance.....	581
Influence of vaccination of pregnant women on the epidemiology of pertussis in infants under one year of age, Spain 2006-2019.....	581
Herpes Zoster vaccination trends: can more be done?.....	582
Results of a pilot onsite school-based intervention aimed at increasing influenza vaccination coverage among children in an Italian local health authority.....	582
Vaccine Hesitancy in Albanian university healthcare students: preliminary results.....	582
Baseline survey on the determinants of hesitancy to vaccination against covid-19 in 10 priority provinces in Chad.....	583
COVID-19 vaccine hesitancy among a sample of students in Tunisia.....	583
Using the card (comfort ask relax distract) system to deliver influenza vaccinations in university pop-up clinics.....	583
Actions for counteracting vaccine hesitancy: a deep dive into three multicentre projects conducted in Europe.....	583
Vaccine literacy: strategies and tools to improve vaccination uptake for newly arrived migrants and people living in prisons.....	584
Using the card (comfort ask relax distract) system for vaccination delivery: Review of tools, implementation approaches, and positive impact on vaccination safety and experiences.....	584
Public health workforce in Indonesia: A dilemma between professional worker and way of life for health worker.....	584
International guidelines for controlling aerosol infections in dental services: which countries were prepared?.....	585
Bringing greater accuracy to Europe's healthcare systems: the unexploited potential of Next generation sequencing and biomarker testing in the role of public health.....	585
Moving towards a cross-border cooperation in public health: local evidence and experiences.....	585
What is the mandate of public health professionals in practice? making our mark for the public's health.....	585
Gender, power and privilege: Opportunities and challenges for women leading in a world of turmoil.....	586
Eliminating HPV globally: from strategy to implementation.....	586
The BRICS' contribution to developing a public health-oriented model of vaccine production and distribution.....	586
Spotlight on Cardiovascular CARDIO-vascular risk Stratification, Management And Refining Treatment.....	587
Genomes Over a Lifetime (GOAL): An innovative approach to personalized patient empowerment through early diagnosis and treatment for cancer patients and rare disease.....	587
Driving Resilient Pediatric Immunization Programs Globally.....	587
Equitable access to vaccines: Contributions from the Global South.....	587
The public health impact of innovations in vaccine technology.....	588
Approaches to increasing health equity.....	588
Immunisation for All Ages in an Evolving Pandemic: Building Resilience, Capacity, Confidence and Vigilance.....	588
Peripheral arterial disease - in Slovakia a matter of general practitioners.....	589

exceeded that of Italians (+32.5% and +31.0% in April 2022).

Differences by citizenship were more pronounced in urban areas, particularly among males for hospitalisations (+296% in September 2020) and mortality (+103% in April 2021).

Conclusions: In the five analysed regions, immigrant residents showed higher rates of hospitalisation and mortality due to COVID-19 in summer 2020 and from February 2021, with greater excesses in urban areas among men and in the last months of the study period, when the impact of vaccination campaign became important in the control of the pandemic.

Nicola Caranci Emilia-Romagna Region Regional Health and Social Care Agency, Emilia-Romagna Region via A. Moro 21, 40127 Bologna. Italy Letizia Bartolini Azienda Unità Sanitaria Locale-IRCCS di Reggio Emilia Epidemiology Unit, Azienda Unità Sanitaria Locale-IRCCS di Reggio Emilia Italy

Popul. Med. 2023;5(Supplement):A1378

DOI: 10.18332/popmed/164638

Promoting afghan migrants' health through participatory research

Susan Coan¹, Louise Warwick-Booth¹

¹Leeds Beckett University United Kingdom

Background and objective: A UK university collaborated with an NGO which provides housing and support services in a neighbouring city to conduct some participatory research. The NGO invited volunteers and the people they support through the Afghan Relocations and Assistance scheme to undertake some peer research (also called community research).

Methods: Four people chose to become Community Researchers on this project: 3 Afghan men living in temporary hotel accommodation and one British woman who volunteers with the NGO. They received training and support from a university health promotion researcher; three training sessions on research, survey design, and research ethics. They chose to do some research on the mental health of Afghan people living for long periods in hotel accommodation. They designed a survey to investigate meaningful occupation that promoted good health and then spent 5 weeks collecting data. The Community and University Researchers analysed the data from the survey together.

Results: The Community Researchers spoke to 14 men individually and 15 women in a group. The respondents were aged 16 to 65. Cultural norms meant that the men could not ask women questions directly, so the female volunteer spoke to a group of women with an interpreter.

Respondents reported physical activity, social interaction and developing skills as the most significant factors in maintaining good health. Barriers to taking part in activities to promote health included language, caring responsibilities, and a lack of money. The Community Researchers produced recommendations regarding support which included: offering more opportunities to learn English; supporting independence through use of public transport; and facilitating connections with local people.

Conclusion: Community Researchers are experts by experience and bring important community knowledge. They gained a range of skills and increased confidence through the project and provided the NGO with practical advice on how best to support their community's health.

Popul. Med. 2023;5(Supplement):A1379

DOI: 10.18332/popmed/164650

Evaluating vaccine and health literacy in European prisons: A cross-sectional study

Davide Petri¹, Laura Baglietto¹, Lara Tavoschi¹, Sara Mazzilli¹, Nicola Cocco², Roberto Ranieri², Vlad Busmachiu³, Babak Moazen⁴, Alicia Rosellò⁵, Fadi Meroueh⁶, Josefina Mavrou⁷

¹University of Pisa Italy, ²ASST-Santi Paolo e Carlo, ³National Administration of Penitentiaries Moldova, Rep, ⁴University of Frankfurt Germany, ⁵UK Health Security Agency United Kingdom, ⁶University Hospital Centre Montpellier France, ⁷Cyprus National Addiction Authority Cyprus

Background and Objective: Vaccination reduces the risk of getting infectious disease by increasing the body's natural protection provided by the immunity system. Prison population should be a priority target for vaccination, but vaccine coverage is low due to several factors including high turnover and low vaccine literacy. This study is part of RISE-Vac, a 3-year EU co-funded project looking to increase vaccine literacy and uptake in prison populations across Europe. The aim is to evaluate the vaccine literacy among people living in prison (PLP) and custodial staff.

Methods: This is a cross-sectional study carried in 18 different European prisons from Italy, France, Germany, Cyprus, Moldova and UK. For each country the sample include 500 PLP and 400 custodial staff; the questionnaire comprises the following sections: lack of confidence, risk perception, general health literacy,

vaccine literacy and intention to vaccinate, in addition to some demographic information. The questionnaire has been administered in local languages by trained personnel for PLP or self-administered for custodial staff.

Results: Data collection is still ongoing; so far, we collected 142 questionnaires from PLP and staff in Italian prisons and described the principal demographic variables (age, gender, country of birth, education level, previous house and work condition for PLP). For the scores retrieved regarding the parameters described above, we found no differences except for general health literacy section where PLP showed lower scores than staff (Kruskall-wallis p-value: <0.0001).

Conclusion: Assessing vaccine literacy in prison population is crucial for advocacy decisions and it is a difficult-to-reach field. This is the beginning of a study that will last until 2024 with a repeated cross-sectional study design. An intervention devoted to increase vaccine and health literacy among PLPs and staff will be carried out between the two cross-sectionals and its effectiveness will be evaluated in the next survey.

Popul. Med. 2023;5(Supplement):A1380

DOI: 10.18332/popmed/164290

Oral health socio-epidemiological characterization of an indigenous population in the northeast region of Brazil

Herika Mauricio¹, Lucas Santos², Tainá Mafra², Thatiana Fávoro¹, Rafael Fiocruz Pernambuco³

¹Universidade de Pernambuco Professor Brazil, ²Fiocruz Pernambuco PhD Student Brazil, ³Researcher Brazil

Background/Objective: The Xukuru do Ororubá people, one of the largest indigenous populations in Northeastern Brazil and the largest in the State of Pernambuco, have their Indigenous Land of 27,550 hectares organized into 3 socio-environmental regions (Serra, Ribeira and Agreste) and 24 villages located in the municipality of Pesqueira, sheltering 7,857 people. The aim was to characterize the indigenous people aged 18 to 23 years of age of the Xukuru do Ororubá ethnic group regarding the use of dental services, self-perception of oral health, oral hygiene practices and caries experience, as well as socioeconomic and demographic aspects.

Methods: This is a population-based cross-sectional study, nested in a cohort initiated in 2010, developed in the limits of the Xukuru do Ororubá Indigenous Land in 2018. Based on the performance of oral examinations and application of questionnaires, the study involved the participation of 131 indigenous people in the age group of 18 to 23 years old. Data were collected using Epi-Info software, and the statistical program SPSS 20.0 was used to develop descriptive statistics. To compare the pattern of caries experience identified among indigenous individuals with results from the National Oral Health Survey (SB Brazil 2010), graphs were constructed in the R software.

Results: The caries experience verified by the DMFT Index obtained a mean equivalent to 7.4 (SD=5.1), with the mean of the components of the Index corresponding to 22.8 for healthy teeth, 2.4 for decayed teeth, 0.2 for filled and decayed teeth, 3.5 for filled teeth, and 1.4 for missing teeth.

Conclusion: The oral health status of indigenous people is characterized by significant inequality when compared to the results of epidemiological surveys conducted in the country involving other population groups.

Popul. Med. 2023;5(Supplement):A1381

DOI: 10.18332/popmed/164678

Changes in lifestyle habits and sociodemographic characteristics associated with these among migrant origin populations in Finland compared with the general population.

Natalia Skogberg¹, Tyler Prinkey¹, Eero Liija¹, Päivikki Koponen¹, Anu Castaneda¹

¹Finnish Institute for Health and Welfare Finland

Background and Objective: Impact of COVID-19 on lifestyles of migrant origin populations has been largely understudied despite evidence that this population group was more strongly impacted by the pandemic. This study compares the impact of COVID-19 on lifestyles of migrant origin population with the general population, and examines the sociodemographic characteristics of those reporting adverse changes.

Methods: Data from the Finnish population-based MigCOVID Survey conducted 10/2020-2/2021 among foreign-born persons aged 20-66 years (n=3668) was used, with participants in the FinHealth 2017 follow-up study (n=3490) as the reference group. Lifestyles included physical activity, snacking, and fruit and vegetable intake. Logistic regression was applied to examine the association of sociodemographic characteristics with adverse changes in lifestyles.

Results: Physical activity decreased more frequently in migrant (39.5%, 95%CI 36.6-42.6) than general population (30.4%, 95%CI 28.1-32.8), whereas differences