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مرتضی عرب زوزنی

دکترای تخصصی سیاستگذاری سلامت

عضو هیات علمی پژوهشی مرکز تحقیقات عوامل اجتماعی مؤثر بر

سلامت، دانشگاه علوم پزشکی بیرجند

RESEARCH INTERESTS

Medical overuse and underuse, Health Policy, Health Technology Assessment (HTA), Healthcare Management, Cancer research, abuse and neglect

EDUCATION

Ph.D. in Health Policy, 2019. Tabriz University of Medical Sciences.

Dissertation: *Policy package for Preventing Overuse and Underuse of Healthcare Services in the Iranian Healthcare System*

M.A. in Health Technology Assessment, 2015 – Tehran University of Medical Sciences

B.A. in Public Health, 2012 – Iran University of Medical Sciences

APPOINTMENTS

- Assistant Professor, *Social Determinants of Health Research Center, Department of Public Health, Birjand University of Medical Sciences, Birjand, Iran.*
- Associate Editor, *BMC health Services Research Journal*
- GBD collaborator
- Cochran Translator Group, Cochran Iran

PUBLICATIONS

Peer-reviewed Journals

- Group Visit: A Challenge for Health System Responsiveness and Patient Rights
- Strategic Purchasing as an Evidence-Based Approach for Reducing Medical Overuse
- The Efficacy of Probiotics Supplementation on the Quality of life of patients with gastrointestinal disease: a systematic review of clinical studies
- Prevalence and Factor Influencing Intimate Partner Violence against Women during COVID-19 Pandemic: A Systematic Review and Meta- Analysis
- A scoping review of COVID-19 vaccine hesitancy: refusal rate, associated factors, and strategies to reduce
- The effectiveness of oral motor interventions on the weight gain, independent oral feeding, and length of hospital stay in hospitalized preterm infants: A systematic review and meta - analysis
- Satisfaction of Patients and Physicians with Telehealth Services during the COVID-19 Pandemic: A Systematic Review and Meta-Analysis
- Strategic Purchasing as an Evidence-Based Approach for Reducing Medical Overuse
- De novo hyaluronic acid-based biomaterial: a promising perspective to manage neurodegenerative diseases
- Factors affecting major depression in Iran: a mixed-method study, Journal of Health
- Global age-sex-specific mortality, life expectancy, and population estimates in 204 countries and territories and 811 subnational locations, 1950–2021, and the impact of the COVID-19 pandemic: a comprehensive demographic analysis for the Global Burden of Disease Study 2021
- Temporal patterns of cancer burden in Asia, 1990–2019: a systematic examination for the Global Burden of Disease 2019 study
- Overuse of computed tomography for mild head injury: A systematic review and meta-analysis
- Low-Value Surgical Procedures in Low- and Middle-Income Countries A Systematic Scoping Review
- Burden of breast cancer and attributable risk factors in the North Africa and Middle East region, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019
- Implementing Quaternary Prevention Using the Rural Family Physician Program in Iran: Grounded Theory

- Survival Analysis of Hospital Length of Stay of COVID-19 Patients in Ilam Province, Iran: A Retrospective Cross-Sectional Study
- A systematic review of conservative and surgical treatments for deep gluteal syndrome
- Prevalence of gram-negative bacteria and their antibiotic resistance in neonatal sepsis in Iran: a systematic review and meta-analysis
- Challenges of strategic purchasing in healthcare systems of developing countries: a systematic review and meta-synthesis of qualitative studies
- The Relationship between Air Pollution and Brain Cancer: A Systematic Review and Meta-Analysis
- Assessing the quality of hospital outpatient services in Iran: a systematic review and meta-analysis
- Future of myocardial infarction mortality in Iran: a scenario-based study
- Prevalence of household food insecurity in the marginal area of Birjand, Iran
- Intimate Partner Violence in the Middle East Region: A Systematic Review and Meta-Analysis
- Investigating the strengths and weaknesses of online education during COVID-19 pandemic from the perspective of professors and students of medical universities and proposing solutions: A qualitative study
- Therapeutic effect of turmeric on radiodermatitis: A systematic review
- Overuse of medications in low- and middle-income countries: a scoping review
- Global investments in pandemic preparedness and COVID-19: development assistance and domestic spending on health between 1990 and 2026
- Determination of a cost-effectiveness threshold for cancer interventions in Iran
- Status of Iranian schools' psycho-social environment: cultural adaptation and validation of the Persian version of the W.H.O profile to create Child-Friendly Schools
- Prevalence of physical activity using validated tools among adults during the COVID-19 pandemic in the Eastern Mediterranean region: A systematic review and meta-analysis
- Mapping development and health effects of cooking with solid fuels in low-income and middle-income countries, 2000–18: a geospatial modelling study
- Willingness-to-pay for COVID-19 vaccine in ten low-middle-income countries in Asia, Africa and South America: A cross-sectional study
- The burden of prostate cancer in North Africa and Middle East, 1990–2019: Findings from the global burden of disease study
- Epidemiologic Profile of Microscopic Hematuria in Iran: A Systematic Review and Meta-Analysis

- A systematic review of photocatalytic degradation of humic acid in aqueous solution using nanoparticles
- Vaccine hesitancy among communities in ten countries in Asia, Africa, and South America during the COVID-19 pandemic
- Retention of dental practitioners in rural health services in Iran: Experiences from Kerman province
- Hematological parameters and X-ray exposure among medical radiation workers: a systematic review and meta-analysis
- Assessment of the properties of the EQ-5D-5L in patients with type 2 diabetes mellitus: a systematic review and meta-analysis
- The occurrence, types, reasons, and mitigation strategies of defensive medicine among physicians: a scoping review
- Global, regional, and national burden of hepatitis B, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019
- Strategies for utilisation management of hospital services: a systematic review of interventions
- Perceived risk of infection and death from COVID-19 among community members of low- and middle-income countries: A cross-sectional study .
- The association between environmental cadmium exposure, blood pressure, and hypertension: a systematic review and meta-analysis
- The efficacy and safety of Favipiravir in treatment of COVID-19: a systematic review and meta-analysis of clinical trials
- Beliefs on social distancing and face mask practices during the COVID-19 pandemic in low- and middle-income countries: a cross-sectional study [version 1; peer review: awaiting peer review]
- Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life Years for 29 Cancer Groups From 2010 to 2019 A Systematic Analysis for the Global Burden of Disease Study 2019
- Disaster preparedness and core competencies among emergency nurses: A cross-sectional study
- Vaccine hesitancy among communities in ten countries in Asia, Africa, and South America during the COVID-19 pandemic
- Does strawberry supplementation ameliorate markers of cardiovascular and metabolic health? A systematic review and meta-analysis

- Portal Vein Thrombosis Might Develop by COVID-19 Infection or Vaccination: A Systematic Review of Case-Report Studies
- The global burden of adolescent and young adult cancer in 2019: a systematic analysis for the Global Burden of Disease Study 2019
- Direct and indirect cost of COVID-19 patients in Iran
- Global, regional, and national mortality among young people aged 10–24 years, 1950–2019: a systematic analysis for the Global Burden of Disease Study 2019
- Barriers and facilitators of colorectal cancer screening in Asia
- Anemia prevalence in women of reproductive age in low- and middle-income countries between 2000 and 2018
- A Systematic Review and Meta-Analysis of Stature Growth Complications in β -thalassemia Major Patients
- Using emotional intelligence to predict job stress: Artificial neural network and regression models
- Tracking development assistance for health and for COVID-19: a review of development assistance, government, out-of-pocket, and other private spending on health for 204 countries and territories, 1990–2050.
- Outcome evaluation of COVID-19 infected patients by disease symptoms: a cross-sectional study in Ilam Province, Iran, BMC infectious diseases, (2021) 21:903.
- Barriers and facilitators to patient engagement in patient safety from patients and healthcare professionals' perspectives: A systematic review and meta-synthesis, Nursing Forum, 2021.
- Intimate Partner Violence in the Middle East Region: A Systematic Review and Meta-Analysis, 2021
- Global, regional, and national burden of respiratory tract cancers and associated risk factors from 1990 to 2019: a systematic analysis for the Global Burden of Disease Study 2019.

- Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019, The Lancet, 2021.
- Effect of the Health Promotion Plan on the Performance of Hospitals: Evidences from East of Iran, 2021.
- Measuring routine childhood vaccination coverage in 204 countries and territories, 1980–2019: a systematic analysis for the Global Burden of Disease Study 2020, Release 1, GBD 2020, Release 1, Vaccine Coverage Collaborators, 2021.
- The efficacy and safety of Favipiravir in treatment of COVID-19: a systematic review and meta-analysis of clinical trials
- Physicians' Attitudes toward Unnecessary Tests and Processes in the Health Care Delivery System; a Cross-Sectional Study
- Assessment of medical equipment maintenance management: proposed checklist using Iranian experience
- Experiences of critical care nurses fighting against COVID-19: A qualitative phenomenological study
- Estimating Utility Values for Health States of DFU Patients Using EQ-5D-5L and cTTO, The International Journal of Lower Extremity Wounds
- Knowledge, attitudes, and practices of the general population about Coronavirus disease 2019 (COVID-19): a systematic review and metaanalysis with policy recommendations
- High Prevalence of Metabolic Syndrome and Its Related Demographic Factors in North of Iran: Results from the PERSIAN Guilan Cohort Study
- Hearing loss prevalence and years lived with disability, 1990–2019: findings from the Global Burden of Disease Study 2019
- Can Health Insurance Protect Against Catastrophic Health Expenditures in Iran? A Systematic Review and Meta-Analysis
- Lessons Learned on How to Manage a Crisis: Coronavirus Disease 2019 and Healthcare System Weaknesses
- Mapping routine measles vaccination in low- and middle-income countries

- Mapping the cancer-specific FACT-B onto the generic SF-6Dv2
- Knowledge, Attitudes, and Practices Among the General Population During COVID-19 Outbreak in Iran: A National Cross-Sectional Online Survey
- Gastrointestinal cancer prevention policies in Iran: A policy analysis of agenda-setting using Kingdon's multiple streams
- A systematic review and meta-analysis of pregnancy and COVID-19: Signs and symptoms, laboratory tests, and perinatal outcomes
- Exploratory factor analysis of gender-based metabolic syndrome components: Results from the PERSIAN Guilan cohort study (PGCS)
- Analysis of Documents and Media about Unnecessary Services in the Iranian Health System
- Health-Related Quality of Life and its Associated Factors in COVID-19 Patients
- Global burden of 87 risk factors in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019
- Exploratory factor analysis of gender-based metabolic syndrome components: Results from the PERSIAN Guilan cohort study (PGCS)
- Survival Rate of Colorectal Cancer in Eastern Mediterranean Region Countries: A Systematic Review and Meta-Analysis
- The Economic Burden of Abortion and Its Complication Treatment Cares: A Systematic Review
- COVID -19 in Iran: the Good, the Bad, and the Ugly Strategies for Preparedness – A Report From the Field
- Meta- analysis of pegfilgrastim over filgrastim in the treatment of chemotherapy-induced Neutropenia
- Safety and Effectiveness of Favipiravir for Novel Coronavirus (COVID-19): A Rapid Review of Available Evidence
- Sharing Solidarity Experiences to Overcome COVID-19
- Global burden of 369 diseases and injuries in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019.
- Favipiravir for treating patients with novel coronavirus (COVID-19): protocol for a systematic review and meta-analysis of randomized clinical trials

- Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019
- Five insights from the Global Burden of Disease Study 2019
- Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950–2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019
- Medical Overuse in the Iranian Healthcare System: A Systematic Scoping Review and Practical Recommendations for Decreasing Medical Overuse During Unexpected COVID-19 Pandemic Opportunity
- Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study
- Features and Limitations of LitCovid Hub for Quick Access to Literature About COVID-19
- Mapping the cancer-specific FACT-B onto the generic SF-6Dv2
- Leadership and Management Competencies for Hospital Managers: A Systematic Review and Best-Fit Framework Synthesis
- Following PRISMA in a Systematic Review: Obligation or Authority?
- Using the evidence-based medicine and evidence-based management to minimise overuse and maximise quality in healthcare: a hybrid perspective
- Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017
- The global, regional, and national burden of oesophageal cancer and its attributable risk factors in 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017
- Attitudes of nurses towards clinical information systems: a systematic review and meta-analysis
- Health sector spending and spending on HIV/AIDS, tuberculosis, and malaria, and development assistance for health: progress towards Sustainable Development Goal 3
- Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017
- The Incidence of Childhood Cancer in Iran: A systematic review and meta-analysis, The Incidence of Childhood Cancer in Iran: A systematic review and meta-analysis

- The survival rate of hepatocellular carcinoma in Asian countries: a systematic review and meta-analysis
- Survival Rate of Prostate Cancer in Asian Countries: A Systematic Review and Meta-Analysis
- Survival Rate of Breast Cancer in Eastern Mediterranean Region Countries: A Systematic Review and Meta-Analysis
- Participation of Iranian non-governmental organizations in health policy-making; barriers and strategies for development
- Medical visit time and predictors in health facilities: a mega systematic review and meta-analysis
- Inappropriate Rate of Admission and Hospitalization in the Iranian Hospitals: A Systematic Review and Meta-Analysis
- History of Health Technology Assessment in Iran
- Family physician program and burden of referral for outpatient visit in Iran: A multicenter cross-sectional study protocol
- Cement augmentation of sacroiliac screws in fragility fractures of the pelvic ring—A synopsis and systematic review of the current literature
- An Introduction to Policy Delphi; A tool for discovering the opposing views on health policy issues
- Accuracy Comparison of Data Mining Algorithms Used in the Diagnosis of Breast Cancer: A Scoping Review Study
- Prevalence of medical errors in Iran: a systematic review and meta-analysis, BMC Health Services Research.
- Medical visit time and predictors in health facilities: a mega systematic review and meta-analysis, INTERNATIONAL JOURNAL OF HUMAN RIGHTS IN HEALTHCARE.
- Methodological Issue on Reporting of Systematic Review of Diagnostic Accuracy of Rapid Ultrasound in Shock.
- Policy package for preventing overuse and underuse of health care services in the Iranian health care system: A study protocol, Medical Journal of the Islamic Republic of Iran.
- Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2017 A Systematic Analysis for the Global Burden of Disease Study.

- Shared decision making: How can it be helpful in reducing medical overuse due to medical misinformation mess? *Journal of Evaluation in Clinical Practice*
- Comparison of artificial neural network and logistic regression models for prediction of outcomes in trauma patients: A systematic review and meta-analysis, *Injury*.
- Developing and validating an instrument to assess non-hospital health centers' preparedness to provide initial emergency care: a study protocol, *BMJ Open*
- Readiness for diet change and its association with diet knowledge and skills, diet decision making and diet barriers in type 2 diabetic patients, *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*
- The challenges of implementation of clinical governance in Iran: a meta-synthesis of qualitative studies, *Health research policy and systems*.
- Patient and Health Professional Perspectives about Engaging Patients in Addressing Patient Safety: A Systematic Review Protocol, *Open Access Macedonian Journal of Medical Sciences*
- Stewardship as a Fundamental Challenge in Strategic Purchasing of Health Services: A Case Study of Iran, *Value in health regional issues*.
- Methodological Issue on Reporting of Systematic Review of Diagnostic Accuracy of Rapid Ultrasound in Shock, *Bulletin of Emergency And Trauma*
- Assessing Preparedness of Non-Hospital Health Centers to Provide Primary Emergency Care; A Systematic Review, *Bulletin of Emergency And Trauma*
- The incidence of testicular cancer in Iran from 1996 to 2017: A systematic review and meta-analysis, *Advances in Human Biology*.
- Using the evidence-based medicine and evidence-based management to minimise overuse and maximise quality in healthcare: a hybrid perspective, *BMJ Evidence-Based Medicine*.
- The prevalence of elder abuse and neglect in Iran: a systematic review and meta-analysis, *Journal of elder abuse & neglect*.
- The incidence of esophageal cancer in Iran: a systematic review and meta-analysis, *Biomedical Research and Therapy*.
- Escape from the Darkness: The Need to Provide Elder-friendly Care Policies in Iran, *Iranian Journal of Public Health*.

- Medical overuse in the Iranian healthcare system: a systematic review protocol, BMJ Open.
- Tips on Reporting a Systematic Review, Bulletin of emergency and trauma.
- Single versus double intrauterine insemination (IUI) for pregnancy: A systematic review and meta-analysis, European Journal of Obstetrics & Gynecology and Reproductive Biology.

Please see my Scholar link for more information:

https://scholar.google.com/citations?hl=en&user=SHCWzKYAAAAJ&view_op=list_works&sortby=pubdate

Research Project

- Challenges, barriers, and gaps to achieve universal health coverage: a systematic review, code 5196, Date of Approval 98/9/11
- Knowledge, attitudes, and practices of Physicians, healthcare worker and general population about COVID-19 around the globe: a systematic review, code 5409, Date of Approval 99/3/19
- Prevalence of child abuse or maltreatment in the Middle East: A systematic review (Co-authors), code 5215, Date of Approval 98/12/20
- Evaluation of health-related quality of life in Covid-19 patients, code 5399.
- A survey on the frequency of food insecurity and its related determinants in households covered by health centers in marginal areas around Birjand city, 2019, Date of Approval 99/7/5
- Stromal Vascular Fractions (SVF)

GRANT

- Stromal Vascular Fractions (SVF)

CONFERENCE PRESENTATIONS

- Nursing, health information technology and their role in preventing medical overuse in health systems, Third Conference of Information Technology and Health Promotion Focus on Nursing.
- To appraise the current evidence comparing double and single intrauterine insemination (IUI) on the reproductive outcomes in subfertile couples, Ultrasound in Obstetrics & Gynecology
- Evidence Based Decision Making about Factors Affecting Consultation Length of Physicians Worldwide: A Systematic Review and Meta-Analysis, Health Promotion Perspective.
- Manager's Personality Type: Does it Make Difference in the Application of Evidence-Based Practice Approach.
- Impossible Mission: A Critique on the Problems of Iranian Health System Evolution.
- Implementing health technology assessment in Iran: a stakeholder analysis, 5th International Society for Evidence-Based Healthcare Congress, Kish Island, Iran
- Fourth Conference on Information Technology and Health Promotion with Smart Health Focus
- Portal vein thrombosis might develop by Covid-19 infection or vaccination: asystematic review of case-report studies

TEACHING EXPERIENCE

Assistant Professor, Birjand University of Medical Sciences

Assistant Lecturer, Tabriz University of Medical Sciences

- Health Policy and System Research
- Healthcare Marketing
- Systematic Review and Meta-analysis
- Health Technology Assessment

HONORS / AWARDS

Best Student of the Year, School of Management and Medical Informatics, Tabriz University of Medical Sciences, 2017

LANGUAGES

English (Speaking and scientific writing)

Persian (native)

MEMBERSHIPS / AFFILIATIONS

Social Determinants of Health Research Center, Birjand University of Medical Sciences, Birjand, Iran.

WORKSHOPS

- *Systematic Review; Concepts & overview*
- *Ethics in Publication, Birjand University of Medical Sciences, 1398.*
- *Academic Writing, Birjand University of Medical Sciences, 1398.*