

## Curriculum Vitae

### Asma Sabermahani

A faculty member at Kerman University of Medical Sciences

Academic Rank: Associate Professor

Department: Department of Health Management, Policy, and Economics

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#### EDUCATION HISTORY:

Degree	Field	Graduation year	Graduated from
PhD	Health Economics	۲۰۱۳	Iran university of medical sciences
MSc	Health Economics	۲۰۰۸	Iran university of medical sciences
BSc	Health management	۲۰۰۶	Kerman university of medical sciences
High school diploma	Experimental Sciences/Mathematics	۲۰۰۲	Kerman

#### LANGUAGE SKILLS:

Persian as first language and English

#### COURSE TEACHING:

Health economics- public health- micro/macro economics - econometrics - economic evaluation- insurance

#### RESEARCH PROJECTS:

1. Assessment of Dental Caries Using the DMFT Index and Its Determinants Among Rural Insured Individuals Covered by Iran Health Insurance: A Case Study in Kerman Province

2. Health Technology Assessment of Empagliflozin Compared to Sitagliptin in the Treatment of Type 2 Diabetes
3. Impact of Financial Resource Mobilization on Research Performance and Achievements of the MPH Group at Kerman University of Medical Sciences
4. Performance Evaluation of Health Information Technology Educational Groups in Iranian Medical Universities Using Data Envelopment Analysis (Year 2011)
5. Quantitative Relationship Between Health Subsidies and Household Welfare in Urban and Rural Areas of Iran: A Structural Path Analysis
6. Socioeconomic, Cultural, and Religious Perspectives on the Use of Assisted Reproductive Technologies in Kerman
7. Relationship Between Dietary Temperament and the Incidence of Multiple Sclerosis in Kerman County (2014)
8. Socioeconomic Factors Affecting Per Capita Health Expenditures of Iranian Households by Province (1981-2011)
9. Cost-Utility Analysis of Hemodialysis and Peritoneal Dialysis Methods in Shafa Hospital, Kerman
10. Cost-Effectiveness Analysis of Dialysis Versus Kidney Transplantation in Renal Failure Patients Using DALY Index in Afzalipour Hospital, Kerman
11. Assessment of Provincial Development Levels Based on Health Indicators (Year 2013)
12. Socioeconomic Determinants of Fertility Rates in Iran: A Panel Study (1966-2014)
13. Estimation of Willingness to Pay for Breast Cancer Screening and Its Determinants Among Women in Kerman (2015)
14. Cost Estimation for Implementing the National Health Roadmap in 2025
15. Measuring Equity in the Distribution of Specialized Hospital Beds Across Iran
16. Foresight on the Number and Distribution of Hospital Beds Required in Iran by 2025
17. Health Technology Assessment of Colon Capsule Endoscopy Versus Colonoscopy in Diagnosing Colorectal Cancer
18. Evaluation of Knowledge Translation in Research Centers and Student Research Committees at Kerman University of Medical Sciences

19. Assessment of Out-of-Pocket Payments and Catastrophic Health Expenditures Among Inpatients in Kerman Healthcare Centers (Second Half of 2017)
20. Competency Evaluation of Nurses in Educational Hospitals in Kerman During Disasters
21. Health Technology Assessment of Primary Angioplasty Versus Pharmacological Therapy in Treating Acute Myocardial Infarction
22. Economic Evaluation of Existing Hepatitis C Treatments in Iran Based on National Clinical Guidelines
23. Impact of Health Expenditures on Poverty Index in Iran (1997-2017)
24. Policy Options for Implementing Premium Exemption Among Iran Health Insurance Beneficiaries
25. Economic Feasibility Study for Establishing a Stem Cell and Regenerative Medicine Technology Center in Kerman (2018)
26. Cost Estimation of Training General Medical Doctoral Students at Kerman University of Medical Sciences
27. Foresight on Access to Health Information Through Libraries and Medical Information Centers in Iran
28. Analysis of Iran's Health Technology Assessment System and Policy Recommendations
29. Economic Evaluation of Implementing an HSE Management System for Incident and Risk Management in Golgohar Mining and Industrial Company
30. Modeling the COVID-19 Epidemic in Iran
31. Development of a Model for Iran's Health Technology Assessment System
32. Estimation of the Economic Burden of Occupational Accidents Among Social Security Insured Workers in Kerman (2015-2016)
33. Outpatient Visit Tariffs and Costs: Improving Payment Mechanisms
34. Identification, Analysis, and Policy Recommendations for Clinical Practice Guidelines in Iran
35. Cost-Effectiveness Analysis of Electronic Prescribing Versus Paper-Based Prescribing Among Health Insurance Beneficiaries: Case Study in Kerman (2019)

36. Calculation of Actual Costs of Global Payments (Surgical Procedures, 6% Nursing Services, and 40% Operating Room Costs)
37. Analysis of Hospitalization Costs for Health Insurance Beneficiaries in Kerman Hospitals and Cost Management Strategies (2019)
38. Cost-Utility Analysis of Percutaneous Versus Surgical Extraction of Cardiac Lead Infections (2020)
39. Review of Palliative Care Service Delivery Models and Recommendations for Implementation in Iran
40. Analysis of Opportunities, Challenges, and Prerequisites for the Geographic Full-Time Practice Plan for Specialist Physicians in Kerman
41. Economic Evaluation of Preventive Interventions for Brucellosis in Iran
42. Per Capita Health Expenditure Estimation for Foreign Nationals in Iran (2024)

## PAPERS:

### English

1. Second-generation colon capsule endoscopy for detection of colorectal polyps: A meta-analysis
2. A Systematic Review and Meta-Analysis of the Safety and Effectiveness of Tenecteplase Versus Alteplase in Treatment of Patients with ST-Elevation Myocardial Infarction
3. Hospital Nurses' Disaster Competencies
4. A Comparative Study on Willingness to Pay for Breast Cancer and Osteoporosis Screening in Kerman, Southeastern Iran
5. Assessing Development Levels of Kerman City in Terms of Health Indicators Using the Numerical Taxonomy
6. Gender Inequality Index Appropriateness for Measuring Inequality
7. A Successful Implementation of an Idea to a Nationally Approved Plan: Analyzing Iran's National Health Roadmap Using the Kingdon Model of Policymaking
8. Blood Malignancies in Mazandaran Province of Iran

9. Markov's Modeling for Screening Strategies for Colorectal Cancer
10. Provincial Human Development Index, a Guide for Efficiency Level Analysis: The Case of Iran
11. Factors Affecting Fertility Rate in Iran (Panel Data 1966-2013): A Survey Study
12. Measuring the Technical Efficiency of Hospitals in Iran: Case of Kerman Province (2011)
13. Factors Affecting Health Care Utilization in Tehran
14. The Outcomes, Barriers, and Facilitators of Implementing Clinical Practice Guidelines in Iran: A Comprehensive Review
15. Out-of-Pocket Costs and Importance of Nonmedical and Indirect Costs of Inpatients

#### Persian

1. Socioeconomic Factors Affecting Per Capita Health Expenditures of Iranian Households by Province (1981-2011)
2. The Impact of Economic Factors on Fertility Rate in Iran: A Panel Study
3. Determinants of Access to Various Health Services in Tehran
4. Activity-Based Costing of Radiology Services in Shafa Hospital, Kerman (2009)
5. Catastrophic Health Expenditures Faced by Households in Tehran and Their Determinants: Measuring Equity in the City
6. Comparative Study of Quality of Life in Hemodialysis and Peritoneal Dialysis Patients in Kerman
7. Ethical Hazards in the Pharmaceutical Sector and Their Financial Burden on Health Insurance: An Economic Approach to Medical Ethics
8. Factors Influencing Patient Migration from Kerman Province to Yazd for Inpatient Hospital Services
9. Foresight Study of Hospital Departments
10. Analysis of the Quality of Health Technology Assessment Reports in Iran
11. Oral Health Status and Its Determinants Among Rural Insured Populations in Kerman Province, Iran
12. Knowledge Translation Status in Research Centers of Iranian Medical Universities: The Case of Kerman University of Medical Sciences

13. Rapid Health Technology Assessment of Mesenchymal Stem Cell Injection for Treating Cerebral Palsy
14. Efficiency of Financial and Human Resource Allocation in Public Hospitals by Province in Iran (2018)
15. Economic Evaluation of Generic Pan-Genotypic Antiviral Regimens for Chronic Hepatitis C Treatment in Iran: A Cost-Effectiveness Study
16. Hospitalization Costs of Dermatology Patients in Afzalipour Hospital, Kerman
17. Cost Analysis of Medical Visit Fees Across Different Healthcare Providers: Improving Payment Mechanisms

#### **BOOKS:**

1. Translated the book titled "Health Planning Principles" by Lawrence W. Green (ISBN: 978-964-8147-17-9) into Persian.
2. Compiled and authored the book titled "Health Economics with Emphasis on Economic Evaluation" (ISBN: 978-964-8147-19-3).

#### **WORK EXPERIENCES:**

- **Head of the Student Research Committee**, School of Health Management and Medical Informatics
- **Head of the Part-Time and Full-Time Faculty Affairs Committee**, Kerman University of Medical Sciences
- **Head of the Secretariat of the Promotion Committee**, Kerman University of Medical Sciences
- **Director of the Office for Health Technology Assessment, Tariffing, and Standards**, Deputy for Treatment, Kerman University of Medical Sciences

#### **COURSES AND WORKSHOPS:**

- Efficiency
- Health economics

#### **SKILLS:**

- Data Analysis (Excel, SPSS, R, Power BI)
- Health Technology Assessment
- Economic evaluation Analysis

- Microsoft Office Suite (Word, Excel, PowerPoint)
- Research Methodology
- Academic Writing & Literature Review
- Statistical Software (Stata, EViews)

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