

Mohammad Bazyar



Contact Information

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Address: Ilam University of Medical Sciences,
School of Public Health

Academic Rank

Assistant Professor

School

Public Health

Department

Health Management and Economics

Education

1. B.Sc

Health Care Management, Ahwaz University of Medical Sciences, Ahwaz, Iran, 2008

2. MSc

Health Care Management, Tehran University of Medical Science, Tehran, Iran, 2010

3. Ph.D

Health Policy, Tehran University of Medical Science, Tehran, Iran, 2016

Ph.D Thesis

Analysis for policy of merging social health insurance funds in Iran: understanding the challenges and requirements of, and developing an implementation plan for merging health insurance funds

Supervised by Dr Arash Rashidian, the Director of Information, Evidence and Research in the Eastern Mediterranean Region (EMR) of the World Health Organization, Cairo, Egypt.

Short Courses:

Course:	Location:	Coordinator:	Year
Health policy and Financing	Royal Tropical Institute (KIT) Amsterdam, Holland	Sumit Kane	April 2015

Current Position:

Currently working as the **Head of Insurance, Medical Tariffs and Health Standards Office, Deputy for Curative Affairs, Ilam University of Medical Sciences since August 6, 2019:** The main duties in this position are to decrease administration costs in hospitals, look for ways to increase the revenues of hospitals, carrying out cost analysis for different departments and wards in hospitals, improving mutual interactions and holding meetings with health insurance schemes to implement joint projects and solve the operational problems, implementing medical tariffs protocols in hospitals, and etc. In 2023, I developed the course of “Health Economics Training Workshop” that includes 20 different topics. I selected these 20 topics from the educational needs that I learned from working closely with hospital staffs. This course aims to empower managers and employees working in governmental hospitals in Ilam province. I sent the course to Department of Health Insurance Affairs in the Ministry of Health, as I believe the course needs to be taught to all relevant staffs in governmental hospital all over the country.

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Experiences

1. **Assistant Professor:** Department of Public Health, Ilam University of Medical Sciences, 2016
2. **Social Health Determinants Department:** The main responsibilities that I had were to create bilateral and multilateral relationships with other non-health governmental organizations in order to define and execute new joint projects aiming to work for the health and dealing with health problems there were in Ilam province. To do so, one the main project that my colleagues and I (I was the coordinator of the project) did was “Ilam province health master plan”. In this program, about 25 governmental organizations

committed to follow several projects to work for the health sector and the main health problems that we chose as the goals of “Ilam province health master plan”. This project aimed to work on the social and economic causes of health problems which required inter-sectoral collaboration. I was honored by the governor of Ilam province for developing this plan. I am interested in studying and doing research in the filed SDH.

- **Working as an advisor in Iran Health Insurance Organization (Ilam province)**

Course Teaching

1. Health financing, health policy, social determinants of health, health economics, health research, health management, health planning,

Career or Education Breaks

I have no career or education breaks. I continued my studies up to Ph.D straightly and after my graduation I started my job at Ilam Medical University without any break.

Papers

1. English

1. **Bazyar M**, Kakaei H, Jalilian M, Mirzaei A, Mansournia MA, Pakzad R. Socioeconomic inequality in self-rated health and its determinants: an Oaxaca blinder decomposition in Ilam, West of Iran during 2023. BMC Health Services Research. 2023;23(1):1203.
2. Moradi F, **Bazyar M*** et al. understanding conflicts of interest in rational drug prescription in a developing country. Journal of Preventive Medicine and Hygiene. 2023. 64: 355-366
3. Dolatshahi Z, Nargesi S, Sadeghifar J, Mezginejad F, Abdosaleh J, **Mohammad B**, et al. Economic evaluation of laboratory diagnostic test types in Covid-19 epidemic: A systematic review. Int J Surg. 2022;106820
4. **Bazyar M**, Yazdi-Feyzabadi V, Bahmani M, Sadeghifar J, Momeni K, Shaabani Z. Preferences of people in choosing a family physician in rural areas: a qualitative inquiry from Iran. Primary Health Care Research & Development. 2022;23:e57.
5. Moradi F, Ziapour A, Soroush A, Lebni JY, Mokhtari S, **Bazyar M**, Etemadi M, Chaboksavar F, Yazdi F, Seyedin H. Explore of the reasons of irrational prescribing in Iran: A qualitative study. Heliyon. 2022 Nov 1;8(11):e11557.
6. **Bazyar M**, Yazdi-Feyzabadi V, Rashidian A, Behzadi A. The experiences of merging health insurance funds in South Korea, Turkey, Thailand, and Indonesia: a cross-country comparative study. International Journal for Equity in Health. 2021;20(1):1-24.

7. Doshmangir L, Bazyar M, Rashidian A, Gordeev VS. Iran health insurance system in transition: equity concerns and steps to achieve universal health coverage. *International Journal for Equity in Health*. 2021;20(1):1-14.
8. Bazyar M, Yazdi-Feyzabadi V, Rahimi N, Rashidian A. What are the potential advantages and disadvantages of merging health insurance funds? A qualitative policy analysis from Iran. *BMC public health*. 2020;20(1):1-15.
9. Bazyar M, Rashidian A, Sakha MA, Doshmangir L, Rahimi N, Ranjbar M, et al. Stakeholders analysis of merging social health insurance funds in Iran: what kind of interests they may gain or lose? *The International journal of health planning and management*. 2018.
10. Bazyar M., Rashidian, A., Kane, S., Mahdavi, V., Reza, M., Akbari Sari, A., & Doshmangir, L. (2016). Policy Options to Reduce Fragmentation in the Pooling of Health Insurance Funds in Iran. *Int J Health Policy Manag*, 5(4), 253-258.
11. Bazyar M, Rashidian A, Sakha MA, Mahdavi MRV, Doshmangir L. Combining health insurance funds in a fragmented context: what kind of challenges should be considered? *BMC Health Services Research*. 2020;20(1):1-14.
12. Doshmangir L, Bazyar M, Najafi B, Haghparast-Bidgoli H. Health financing consequences of implementing health transformation plan in Iran: achievements and challenges. *International Journal of Health Policy and Management*. 2019;8(6):384-6.
13. Doshmangir L, Bazyar M, Majdzadeh R, Takian A. So Near, So Far: Four Decades of Health Policy Reforms in Iran, Achievements and Challenges. *Archives of Iranian medicine*. 2019;22(10):592-605.
14. Bazyar M, Rashidian A, Jahanmehr N, Behzadi F, Moghri J, Doshmangir L. Prohibiting physicians' dual practice in Iran: Policy options for implementation. *The International journal of health planning and management*. 2018.
15. Sakha MA, Bazyar M*, Rashidian A. Classification and Review of Health Financing Frameworks: What do they Focus on to Assess and Improve the Situation? 2021. *International Journal of Health Planning and Management*. **Under Review**
16. Pourreza A, Harirchi I, Bazyar M*. Differentiation of out-of-pocket expenditures in cancer patients; a case study in the cancer institute of Iran. *Evidence Based Health Policy, Management and Economics*. 2017;1(2):65-73.
17. Bazyar M, Noori Hekmat S, Rafiei S, Mirzaei A, Otaghi M, Khorshidi A, et al. Supply-and-demand projections for the health workforce at a provincial level from 2015 to 2025 in Ilam, Iran. *Proceedings of Singapore Healthcare*. 2020:2010105820943239.
18. Doshmangir, Leila, Bazyar, Mohammad, Doshmangir, Parinaz, Mostafavi, Hakimeh, & Takian, Amirhossein. (2017). Infrastructures Required for the Expansion of Family Physician Program to Urban Settings in Iran. *Archives of Iranian Medicine (AIM)*, 20(9).
19. Bazyar J, Safarpour H, Daliri S, Karimi A, Keykaleh MS, Bazyar M. The prevalence of sexual violence during pregnancy in Iran and the world: a systematic review and meta-analysis. *Journal of Injury and Violence Research*. 2018;10(2).
20. Rezaei, Satar, Karami Matin, Behzad, Hajizadeh, Mohammad, Bazyar, Mohammad, & Akbari Sari, Ali. (2017). Economic Burden of Smoking in Iran: A Prevalence-Based Annual Cost Approach. *Asian Pacific Journal of Cancer Prevention*, 18(10), 2867-2873.
21. Yazdzadeh, B., Shahmoradi, S., Majdzadeh, R., Doaee, S., Bazyar, M., Souresrafil, A., & Olyaeemanesh, A. (2016). Stakeholder Involvement in Health Technology Assessment at National Level: A Study from Iran. *International journal of technology assessment in health care*, 32(3), 181-189.

22. Rezaei, S., Bazyar, M., Fallah, R., Chavehpour, Y., & Rad, E. H. (2015). Assessment of Need and Access to Physician and Hospital Beds: A Cross Sectional Province Based Study in Iran. *Shiraz E-Medical Journal*, 16(6).
23. Rezaei, S., Bagheri Lankarani, K., Karami Matin, B., Bazyar, M., Hamzeh, B., & Najafi, F. (2015). Determinant of Road Traffic Crash Fatalities in Iran: A Longitudinal Econometric Analysis. *Journal of research in health sciences*, 15(3), 163-167.
24. Rezaei, S., Moradi, K., Akhgar Piraebi, A., Bazyar, M., & Heidari Orejlu, P. (2015). Hospital Cost Associated with Pediatrics Urinary Tract Infection: Before and After Health Sector Evolution Program in the West of Iran. *International Journal of Pediatrics*, 3(4.1), 733-738.
25. Sakha, M. A., Rashidian, A., Bazyar, M., Sari, A. A., Yazdani, S., & Moghadam, A. V. (2017). Health financing assessment and policy analysis toward universal health coverage: a systematic review of qualitative research. *Global J Health Sci*, 9(5), 131-142.
26. Ranjbar, M., Pourreza, A., Harirchi, I., & Bazyar, M. (2017). Differentiation of Out-of-Pocket Expenditures in Cancer Patients; A Case Study in the Cancer Institute of Iran. *Evidence Based Health Policy, Management and Economics*, 1(2), 65-73.
27. Rezaei S, Hajizadeh M, Bazyar M, Kazemi Karyani A, Jahani B, Karami Matin B. The impact of Health Sector Evolution Plan on the performance of hospitals in Iran: Evidence from the Pabon Lasso model. *International Journal of Health Governance*. 2018;23(2):111-9.
28. Ranjbar M, Bazyar M, Jafari H, Pakdaman M, Pirasteh V. Investigating the effect of health transformation plan on the public hospitals performance indicators; a case study from Iran. *BMC Health Serv Res*. 2021;21(1):1–8.
29. Yazdi-Feyzabadi V, Bazyar M, Ghasemi S. District health network policy in Iran: the role of ideas, interests, and institutions (3i framework) in a nutshell. *Arch Public Heal*. 2021;79(1):1–11.
30. Rahim Khodayari-Zarnaq, Hamid Ravaghi, Ali Mohammad Mosaddegh-rad, Habib Jalilian Mohammad Bazyar. HIV/AIDS policy-making in Iran: A stakeholder analysis. *Int J Heal Plan Manag*. 2021;1–15
31. Bazyar M, Alipouri Sakha M, Gordeev VS, Mousavi B, Karimi A, Maniei R, Attari S, Ranjbar M. Criteria for the selection of complementary private health insurance: the experience of a large organisation in Iran. *BMC Health Services Research*. 2022 Dec;22(1):1-3.
32. Erfani M, Vahdat S, Bazyar M. Providing a Model for the Participation of the Health Donors in the Direction of Digital Health Developments. *International Journal of Digital Content Management*. 2022;3(5):171-94.
33. Mohammad Reza Erfani, Shaghayegh Vahdat, Mohammad Bazyar. Managing Information and Planning for Health Charities' Participation. *International Journal of Knowledge Processing Studies (KPS)*. 2022, Serial 6, 2(5): 65-75.

2. Farsi

1. Bazyar Mohamad and et al. *Medical and non-medical direct costs of cancers in patients hospitalized in Imam Khomeini cancer institution – 2010 [In Persian]*, Journal of Hospital, Published: 17.12.2011
2. Bazyar Mohamad and et al. Letter to Editor about article “*Cost Analysis for Cancer Subgroups in Kerman*” [In Persian], Iranian journal of Epidemiology. Published: 2013; 9(2)

3. Bazyar M (Ph.D) Soofi M (MS.c) Rashidian A* (MD Ph.D). *Ways to Control Moral Hazard in Health System: Demand-side and Supply-side Interventions (review article) [In Persian]*. Journal of Tollo-e-Behdasht. Published: (6-2012)
4. Soofi M (MS.c), Bazyar M (Ph.D), Rashidian A* (MD Ph.D). *Types of moral hazards and its effects on insurance marketing and health system [In Persian]*. Journal of Hospital, Published: 14.3.2012
5. Soofi M, Rashidian A*, Aabolhasani F, Akbari Sari A, Bazyar M. *Measuring the Exposure of Households to Catastrophic Healthcare Expenditures in Iran in 2001: the World Health Organization and the World Bank's Approach [In Persian]*. Journal of Hospital, Published: 2012.6.9
6. Naser HamzeKhanloo M, Bazyar M. *Role and Necessity of Health Technology Assessment (HTA) in Health System [In Persian]*. Journal of Health. Published: November, 2010
7. Abolghasem Pourreza, Mohamad Bazyar. *Health Insurance and Aged Population [In Persian]*. Journal of Teb va Tazkiyeh. Accepted: July 23, 2012
8. Doshmangir L, Rashidian A, Bazyar M. *Universal Health Coverage in Thailand: Achievement and Experiences Learned*. Hakim Health Sys Res 2015; 18(3): 217- 232.

Current researches using discrete choice experiment:

- Elicit attributes and levels for benefit packages complementary health insurance and estimating consumer's willingness to pay: a discrete choice experiment (It is completed)
- “Public Preferences and Willingness to Pay for Social Health Insurance in Iran: A Discrete Choice Experiment”. The manuscript is now under review in international journal of “Health Policy and Planning”.
- What do Iranian value most when choosing a hospital? Evidence from a discrete choice experiment (Data has been gathered and entered into Excel ready for analysis)
- Investigating the preferences of people for introducing new cost-sharing methods (deductible) in group complementary health insurance contracts in Iran: a discrete choice experiment (I am working on the proposal now)
- Identifying factors influencing people’ trust to refer to and use the health services of Behavioural Diseases Centres in Cities of Ilam and Kermanshah in 2022-2023: a mixed-method study
- Impact of COVID-19 on CT Scan tests utilization in Shiraz, Iran: an Interrupted Time Series Analysis
- Investigating moral hazards in complementary health insurance contracts in Iran using Time Series Analysis

Workshops:

Workshops held for IUMS’ students:

-How to work with EndNote

- How to work with MAXQDA to analyze qualitative data
- How to work with Prezi
- Principles of qualitative studies
- Sampling and data gathering methods in qualitative studies
- How to run a journal club

Workshops held for employees working in District Health Networks, also hospitals' managers:

- Health Policy analysis
- Health system (functions and goals)
- Mechanisms to curb health care expenditures
- Strategic Purchasing in Health System

Skills

- **Endnote**
- **Prezi**
- **Qualitative studies**
- **MAXQDA**
- **SPSS**
- **STATA**
- **Interrupted Time Series Analysis**
- **Mendeley**
- **Conjoint Analysis**
- **Discrete Choice Analysis**

Inventions

Language:

- **English: IELTS, Overall 7, test date 07/10/2023**
- **Farsi, native**
- **Kurdish, native**

Honors

- ✓ Elected as Top Researcher of Health Insurance for two successive years (2020, 2021) by the National Center for Health Insurance Research

Memberships

Research Interests:

- **Conjoint Analysis**
- **Discrete Choice Analysis**
- **Behavioral Economics**
- **Public Health and Primary Health Care**
- **Health Policy**
- **Health Financing**
- **Health Insurance**
- **Health Economics**