Farimah Rahimi, PhD

Assistant professor

Health Economics and Management Research Center

Isfahan University of Medical Sciences, Isfahan, Iran.

Personal Information

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Profiles on Social Networks

Scopus	Google Scholar	Publons	ORCID
ResearchGate	Semantic Scholar	CV	LinkedIn

Education:

2005-2009	BA , Economics, University of Isfahan, Isfahan, Iran.
2009-2011	MA, Economics, Bu-Ali Sina University, Hamedan, Iran.
2011-2017	Ph.D. , Pharmacoeconomics, Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Tehran

Research Interests:

Economic Evaluation, Willingness to Pay, Discrete Choice Experiment, Economic Burden of Disease, Health technology assessment

Work Experience

2022	Vice-chancellor Health Economics and Management Research Center, Isfahan University of Medical Sciences, Isfahan, Iran.
2018 - now	Assistant professor Health Economics and Management Research Center, Isfahan University of Medical Sciences, Isfahan, Iran.
2016 - 2018	Research fellow Health Economics and Management Research Center, Isfahan University of Medical Sciences, Isfahan, Iran.
2013-2015	Lecturer Faculty of Pharmacy, Isfahan University of Medical Sciences, Isfahan, Iran.
2010 - 2013	Research Assistant Faculty of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
2011-2013	Lecturer Faculty of Health, Ahar University, East Azerbaijan, Iran.

Membership

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2017 - now	Research Council of Health Economics and Management Research Center, Isfahan University of Medical Sciences, Isfahan, Iran.
2021 - now	Advisory Working Group of the Health Products Monitoring and Supervision Office of Food and Drug Organization, Ministry of health, Tehran, Iran.
2019 - now	Guidelines and Health System Transformation Committee, Isfahan University of Medical Sciences, Isfahan, Iran.
2021	Executive Committee of Isfahan Provincial Congress and National Development (Health Sector), Isfahan, Iran.
2021	Executive Committee of the International Telemedicine Congress, Isfahan University of Medical Sciences, Isfahan, Iran.

2020	Executive committee of the 3rd Euro-Asian Pharmacoepidemiology
	Congress 2020, Isfahan, Iran.
2018- now	Iran Chapter of International Society for Pharmacoeconomics and Outcomes Research (ISPOR)

Research Projects:

- Evaluation of the direct medical costs of type 1 diabetic children in Isfahan province based on Type 1 diabetes registration program.
- Study of students' and teachers' preferences about education in crises with emphasis on Covid-19 in Isfahan University of Medical Science.
- Health technology assessment of Intense (Regulated) Pulsed Light by using E-Eye
- Cost-effectiveness analysis of PCR and Rapid tests in the diagnosis of Covid-19 in symptomatic/asymptomatic patients
- A multifaceted analysis of Colorectal cancer screening in Iran.
- Analysis of the cost of providing medical services, prevention and health promotion in Mobarake Steel Company
- Improving the knowledge of behavioral economics among professors, students and managers of the health system
- Rapid Technology Assessment (RTA) of gene expression assay for early-stage breast cancer.
- Rapid Technology Assessment (RTA) of Suprathel® in treating burned patients.
- The utility of Beta-Interferon in MS patients based on medicine attributes.
- Business Plan for Under-License Contract Manufacturing of Effervescent Supplements.

Publications:

Gheysariyeha, F., **Rahimi, F.**, Tabesh, E., Hemami, M. R., Adibi, P., & Rezayatmand, R. (2022). Cost-effectiveness of colorectal cancer screening strategies: A systematic review. European journal of cancer care, e13673. Advance online publication. https://doi.org/10.1111/ecc.13673

Zarei L, **Rahimi F**, Heydari ST, Parcham E, Lankarania KB. The Economic Impact of COVID-19 and Related Coping and Resilience Strategies: The Experience of Iranian Households. Health Behavior and Policy Review. 2022 Jul 1;9(4):996-1008.

Rahimi F, Zeinalian M, Rezayatmand R. Rapid Health Technology Assessment of Oncotype DX in Patients with Early-Stage Breast Cancer. Iranian Quarterly Journal of Breast Disease. 2022 Feb 10;14(4):75-93. https://doi.org/10.30699/ijbd.14.4.75

Amirsadri M, **Rahimi F**, Khajepour A. Cost of Illness of Multiple Sclerosis in Isfahan, Iran, From a Social Perspective: A Comparison of the Human-Capital and Friction-Cost Methods. Value in Health Regional Issues. 2022 Jul 1;30:26-30. https://doi.org/10.1016/j.vhri.2021.10.006

Afsharmanesh G, **Rahimi F**, Zarei L, Peiravian F, Mehralian G. "Public and decision-maker stated preferences for pharmaceutical subsidy decisions in Iran: an application of the discrete choice experiment". Journal of Pharmaceutical Policy and Practice. 2021 Dec;14(1):1-7. https://doi.org/10.1186/s40545-021-00365-0

Azardoost H, Rahimi F, Zeinalian M, Rezayatmand R. Cost-Effectiveness Analysis of Molecular Screening to Identify Lynch Syndrome in the Patients with Colorectal Cancer, Int J Cancer Manag. 2021 14(4): e108198. https://doi.org/10.5812/ijcm.108198.

Rahimi, F., Rezayatmand M.R., "Use of a biosynthetic wound dressing to treat burns: a systematic review" 2020, *Journal of Wound Care*, Dec 1; 29(Sup12) :S16-S22. https://doi.org/10.12968/jowc.2020.29.sup12.s16

Amirsadri M, Zargarzadeh A H, **Rahimi F**, Jahani F. Cost evaluation of chemotherapy and epidemiology of five most common cancers in Isfahan Province in Iran. Tehran Univ Med J. 2020; 78 (4):226-232. http://tumj.tums.ac.ir/article-1-10537-en.html

Rahimi, F., Rasekh, H.R., Abbasian, E., Peiravian, F. 2018. "Using discrete choice experiment to determine willingness to pay for interferon-beta drugs by multiple sclerosis patients" *Iranian Journal of Pharmaceutical Sciences*, 14 (4), pp. 71-78. https://doi.org/10.22034/IJPS.2018.37550

Rahimi, F., H.R. Rasekh, E. Abbasian, and F. Peiravian. 2018. "A New Approach to Pharmaceutical Pricing Based on Patients' Willingness to Pay." *Tropical Medicine and International Health* 23(12):1326-1331. https://doi.org/10.1111/tmi.13157.

Rahimi, F., Rasekh, H.R., Abbasian, E., Peiravian, F. Selecting reference countries in external reference based pricing: The case study of Iran (2018) *Iranian Journal of Pharmaceutical Sciences*, 14 (3), pp. 36-48. https://doi.org/10.22034/IJPS.2018.35926

Rahimi, Farimah, Hamid Reza Rasekh, Ezatollah Abbasian, Farzad Peiravian, Masoud Etemadifar, Fereshteh Ashtari, Ali Mohammad Sabzghabaee, and Mohammad Reza Amirsadri.

2018. "Patient Preferences for Interferon-Beta in Iran: A Discrete Choice Experiment." *PLoS ONE* 13 (3): A726. https://doi.org/10.1371/journal.pone.0193090.

Vasheghani Farahani, Ali, Hamidreza Rasekh, Sheyda Najafi, **Farimah Rahimi**, Maryam Akbari, Faegheh Salehnia, Homa Hemati, and Fatemeh Jajali. 2018. "Evaluation of Affordability and Impoverishment Effect of Cardiovascular Medicines in Iran." *Iranian Journal of Pharmaceutical Sciences* 14 (2): 65–74. https://doi.org/10.22034/ijps.2018.33739.

Amirsadri, Mohammadreza, **Farimah Rahimi**, Seyyed Sharifnia, and Niloofar Zehtab. 2017. "Evaluation of Effect of Insurance Coverage on Sale Volume and Price of Entered Drugs in Insurance List in 2012 in Iran." *British Journal of Pharmaceutical Research* 15 (2): 1–6. https://doi.org/10.9734/BJPR/2017/31882.

Mohammadzadeh, Mehdi, **Farimah Rahimi**, Forough Rahimi, Seyed Mohammad Aarabi, and Jamshid Salamzadeh. 2013. "The Effect of Capital Structure on the Profitability of Pharmaceutical Companies the Case of Iran." *Iranian Journal of Pharmaceutical Research* 12 (3): 573–77. https://doi.org/10.1108/09596110710757561.

Shahabadi, Abolfazll, and **Farimah Rahimi**. 2012. "Investigation the Effect of Intellectual Property Rights on Export." *Roshd -E- Fanavari* 8 (32): 11–21.[in Persian]

Ebrahimi, mohsen, and **Farimah Rahimi Mougoui**. 2011. "Threshold Effect of the Economic Growth Rate on the Renewable Energy Development from a Change in Energy Price: Evidence from D8 Countries." *Economic Development Research* 1 (4). http://jrer.ir/article-1-92-en.html. [in Persian]

CONFERENCE PRESENTAIONS

- 2020 **Poster:** "Evaluation of cost of illness of multiple sclerosis in Isfahan", 3nd Euro-Asian Pharmacoepidemiology Congress 2020, 16-18 December 2020, Isfahan, Iran.
- 2020 **Poster:** "Cost-Effectiveness of Molecular Screening to Identify Lynch Syndrome in Iranian Patients with Colorectal Cancer", ISPOR Asia Pacific 2020, South Korea.
- 2019 **Poster:** "Use of Suprathel® for burns: a systematic review". 2nd Euro-Asian Pharmacoepidemiology Congress 2019, 13-15 November 2019, Tehran, Iran.

- **Poster:** "Can we reduce chemotherapy costs in breast cancer by using gene expression assays?", 2nd Euro-Asian Pharmacoepidemiology Congress 2019, 13-15 November 2019, Tehran, Iran.
- **Poster:** "Cost evaluation of Chemotherapy for 5 Common cancers in Isfahan, Iran". 2th International Congress on Pharmacy Updates, 6-8 February 2019, Tehran, Iran.
- **Poster:** "A Valuation of Patients Willingness to Pay For Interferon-Beta in Multiple Sclerosis". ISPOR Asia Pacific 2018, Tokyo, Japan, September 2018. (Value in Health, Vol. 21, S2 (September 2018))
- **Poster:** "Patient Preferences for Interferon-Beta in Iran: A Discrete Choice Experiment". ISPOR 20th Annual European Congress, 4-8 November 2017, Glasgow, Scotland.
- **Poster:** "Patient Preferences for Interferon-Beta in Iran: A Discrete Choice Experiment." Value in Health 20 (9). 2017, Elsevier: A726. https://doi.org/10.1016/j.jval.2017.08.1963.)
- **Poster:** "The importance of investing in R&D in the pharmaceutical industry and ways to increase its profitability", the first conference on the economics of medicine and treatment (national experiences in economic studies of medicine and treatment), Shahid Beheshti University of Medical Sciences and Health Services Tehran, January 30, 2012.
- **Poster:** "Analysis and review of outsourcing processes related to human resources", 8th International Conference on Industrial Engineering, Amirkabir University, February 15, 2012.
- **Poster:** "The effect of economic growth on the development of renewable energies in Iran", the first national conference of the Iranian economy, University of Tehran, November 23, 2011.
- **Presenter**: "Comparative study of Pharmacoeconomics guidelines in six selected countries", 2nd health economics seminar, 2013.
- **Presenter**: "Investigation of the effect of capital structure on the profitability of Iranian pharmaceutical companies", the first national conference on Pharmacoeconomics and pharma management, June 24-26, 2011.

Teaching

Undergraduate Microeconomics

Knowledge, preparation, and distribution of medicines

Pharmacoepidemiology

Graduate Health economics

Economic evaluation in HSE

Supervised Thesis

Ph.D. Finished

- Presenting a suitable model for direct and indirect drug subsidy allocation- using a discrete choice experiment

In process

Investigation of the quality of life of patients with colorectal cancer in Isfahan province

MD Finished

- Estimating the treatment costs of children with gastroenteritis hospitalized in the children's hospital of Isfahan.
- Calculating the economic burden of MS disease: a case study of Isfahan city
- willingness to pay for interferon beta drug in MS patients in Hormozgan province.
- Calculation of cost of chemotherapy drugs in 5 common cancers in Isfahan.
- Calculating the total cost of pharmacy education in the Faculty of Pharmacy of Shahid Beheshti University of Medical Sciences by using the time-driven activity-based costing method (TDABC)

In process

- calculating the cost of pharmacy education in the Faculty of Pharmacy of Isfahan University of Medical Sciences by using the time-driven activity-based costing method (TDABC)
- Estimating the willingness to pay trauma patients for acute pain relief drugs
- Estimating the willingness to pay of receiving pharmacist-oriented services for patients with type 2 diabetes in urban

- Estimating the willingness to pay of receiving pharmacist-centered services for patients with high blood pressure in Tehran

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MSc Finished

- Cost and consequences analysis of colorectal cancer screening program in Isfahan province
- Evaluation of the economic burden of colorectal cancer in Isfahan province A systematic review of colorectal cancer screening: cost-effectiveness studies
- Estimating the total cost of providing health care package at the hepatitis counseling center of Jundishapur University of Medical Sciences, Ahvaz
- Cost-effectiveness of molecular screening methods in colorectal cancer patients to identify Lynch syndrome in Iran

In process

- Cost and consequences analysis of breast cancer screening program in Isfahan province

Skills

ICT

JMP (SAS), Eviews, SPSS, STATA, Microsoft Package (Word, PowerPoint, Excel, and Outlook), Mendeley, Endnote, E-draw Max.