



Tabriz University
of Medical Sciences

Mahmood Yousefi



1. Contact Details

📍 **Address:** Department of Health Economics, School of Management and Medical Informatics, Daneshgah St, Tabriz, IRAN

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🔍 [Mahmood Yousefi - Google Scholar](#)

2. PERSONAL DETAILS

Date of Birth: 1980-6-22

Nationality: Iranian

Languages: Turkish (Azeri), Persian, English

Education:

- PhD: Health Economics
- MSc :Health Economics
- BA : Public Health

Thesis:

- **PhD Thesis:** An investigation of the impact of using different Health-Related Quality of Life measuring instruments on decision analytic model for breast cancer patients: Chemotherapy vs. trastuzumab.
- **Ms Thesis:** the estimation of hospital production function in hospitals affiliated with Orumieh University of Medical Sciences.

Current Position:

- **Head of WHO-Collaborating Centre for Training and Research on Health System Management, at NPMC**
- **Faculty member, Health economics departments, Tabriz university of Medical Sciences**

3. Research and teaching Interests

- Health care finance and payment systems
- Economic evaluation in health care
- Health care and disease costing
- Financial analysis of health care facilities
- Hospital business plan

4. Teaching experience

- 2015-present: health economics department, Tabriz University of Medical Sciences, Iran.

5. Research experience

- **PI:** Non-Communicable disease Investment case: the case of Iran, in collaboration with WHO (2018- 2019) (using OneHealth Tool)
- **PI:** Analyzing 30 years trend of out of pocket payments in Iran (2019-2020)
- **PI:** Estimating the Direct Medical Cost of Air Pollution on the Health Sector in the I.R. of Iran.(2013-2014)
- **PI:** Cost-of-illness analysis of coronary artery disease, Iran(2016-2018)
- **PI:** Cost-of-illness analysis of Lung cancer, Iran(2016-2018)
- **PI:** Cost-effectiveness analysis of lung cancer screening, Iran(2016-2018)
- **PI:** Cost-effectiveness analysis of Chronic Kidney Disease screening (2016-2018)
- **PI:** The estimation of hospital production function in hospitals affiliated with Orumieh University of Medical Sciences.(2004-2006)
- **PI:** An investigation of the impact of using different Health-Related Quality of Life measuring instruments on decision analytic model for breast cancer patients: Chemotherapy vs. Trastuzumab.(2010-2014)
- **PI:** Cost-effectiveness analysis of colorectal cancer screening, Iran(2017-2020)
- **PI:** Cost-effectiveness analysis of dental preventive interventions in school-based children, , Iran(2017-2020)
- Cost-effectiveness analysis of helicobacter pylori screening (2019-2020)
- **PI:** Estimation of the Cost-effectiveness thresholds using WTP : Monetary valuation of a QALY(2017-2020)
- **PI:** Estimating the catastrophic payments and cost-of-illness in patients with prostate cancer (2015-2017).
- **Contribution to** Implementation the System of Health Accounts (SHA.2) in Iran. (2019- 2020)
- **PI:** Comparative analysis (cost-effectiveness) of haemodialysis and peritoneal in patients with chronic kidney: Iran`s Health Insurance Organization perspective (2020-underway).
- **Contribution to:** HTA of CO2 insufflation in gastrointestinal endoscopies (2020)
- **PI:** Efficacy and Cost effectiveness of (Sacubitril and valsartan) with (ACE inhibitors) in treatment of Chronic Heart Failure, HTA office, Ministry of Health Iran (2021- ongoing) (2020)
- **PI:** Health Technology Assessment of Left Ventricular Assist Devices (Heart mate3 3™ compared to heart transplantation and drug therapy in treatment of advanced heart failure (HF), HTA office, Ministry of Health Iran (2021- ongoing)
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6-Professional experience

- **Head of health economics department**, Tabriz University of Medical Sciences (2018-2019)
- **Head of WHO-CC for Training and Research on Health System Management**, NPMC (2018-present)

- **Focal point for conducting WHO-EMRO&NPMC (WHO-CC) joint regional Training of Training (TOT) program on hospital care management, 2018**
- **Focal point for conducting WHO&NPMC (WHO-CC) joint On-line program on “health system strengthening: learnings from COVID-19” for health system managers in Iran, Sept 2020.**

7. Publications

- **Book (in Persian):**

- **Mahmood.Yousefi**, Alireza.M.Ahari, “An Introduction to Medical Statistics, Detailed Review Series”. Jamenegar Salemi publication, Tehran, 3rd edition, 2013.

- **Peer-reviewed publications: Google scholar :** [Mahmood Yousefi - Google Scholar](#)

1. H Ameri, **M Yousefi**, M Yaseri, A Nahvijou, M Arab “**Mapping the cancer-specific QLQ-C30 onto the generic EQ-5D-5L and SF-6D in colorectal cancer patients**” Expert Review of Pharmacoeconomics & Outcomes Research, 2019
2. **M Yousefi**, YB Sheikhrobat, S Najafi, Sh Ghaffari, H Ghaderi, SE Memarzadeh, M Barouni “**Mapping Catquest Scores onto EQ-5D Utility Values in Patients with Cataract Disease**” Iranian red crescent medical journal (IRMJ),2016.
3. **M Yousefi**, S Najafi, Sh Ghaffari, Hossein Ghaderi “**Comparison of the SF-6D and the EQ-5D in patients with breast cancer**” Iranian red crescent medical journal (IRMJ),2016.
4. Tabrizi JS, Goshayie EH, Doshmangir L, **Yousefi M. The Barriers to Implementation of New Public Management Strategies in Iran’s Primary Health Care: A Qualitative Study.** J Liaquat Uni Med Health Sc,2018
5. Tabrizi JS, HaghGoshayie E, Doshmangir L, **Yousefi M, New public management in Iran's health complex: a management framework for primary health care system.** Prim Health Care Res Dev. 2018 Jan 9:1-13.
6. Ameri H, **Yousefi M**, Yaseri M, Nahvijou A, Arab M, Akbari Sari Ali, **Mapping EORTC-QLQ-C30 and QLQ-CR29 onto EQ-5D-5L in Colorectal Cancer Patients**, Journal of Gastrointestinal Cancer, 2019
7. HeydariM, **Yousefi M**, Derakhshani N, Khodayari-zarnagh R, **factors affecting the satisfaction of medical tourists**, journal of health scope, 2019.
8. **M Yousefi**, H Safari, AA Sari, B Raei, H Ameri, **Assessing the performance of direct and indirect utility eliciting methods in patients with colorectal cancer: EQ-5D-5L versus C-TTO**, Health Services and Outcomes Research Methodology, 2019
9. A Mahboub-Ahari, S Hajebrahimi, **M Yousefi**, A Velayati “**EOS imaging versus current radiography: A health technology assessment study**” Medical Journal of The Islamic Republic of Iran (MJIRI), 2016

10. Sh Ghaffari, A Mohamadzadeh, S Akbari, P Salem Safi, **M Yousefi** “**costing in hospital services: economists and accountants' approaches**” Journal of Hospital, Tehran University of Medical Sciences, 2013.
11. AM Ahari, FS Ghyassi, **M Yousefi**, M Amjadi, A Mostafaie, “**Green Light Photo Selective Vaporization of the Prostate vs. Transurethral Resection of Prostate for Benign Prostatic Hyperplasia**” Journal of Lasers in Medical Sciences, 2012
12. A Mostafaie, AM Ahari, FS Ghyassi, S Hajebrahimi, **M Yousefi** “**Femtosecond Laser Versus Mechanical Microkeratome in Thin-Flap Laser in Situ Keratomileusis (Lasik) for Correction of Refractive Errors an Evidence-Based Effectiveness and Cost Analysis**”, Journal of Lasers in Medical Sciences, 2011.
13. M.hadian , M.R. Govhari , **M Yousefi** " **the estimation of hospital production function in orumieh University of medical Sciences**" , journal of health administration, Iran University of Medical Sciences, 2007.
14. S Hajebrahim, A Mahboub-Ahari F Ghyassi Sadeghi. A Mostafaie, **M Yousefi**, “**Holmium Laser Prostate Enucleation (HOLEP) Versus Trans-Urethral Resection of Prostate (TURP) in Treatment of Symptomatic Prostatic Enlargement;A Health Technology Assessment**” Journal of Lasers in Medical Sciences; Tehran Vol. 2, Iss. 1, (2011): 36.
15. Alireza Mahboub-Ahari, Sakineh Hajebrahimi, Fatemeh Sadeghi-Ghyassi, **Mahmood Yousefi**, **The use of Holmium and Tolmium YAG Laser-assisted technologies in benign prostatic hyperplasia surgery: A health technology assessment study**, Jorjani Biomedicine Journal, 2016
16. B Raei, **M Yousefi**, K Rahmani³, S Afshari, and H Ameri,” **Patterns of productivity changes in hospitals by using Malmquist – DEA Index: A panel data analysis (2011–2016)**” Australasian medical journal, 2017;10(10):856-864.
17. Mehdi Kian M, Raei B, Afradi Asbagharani P, **Yousefi M**, Mousavi Rigi S A, Salehi M, Mirabi Shiraz Sh, “**Comparison of the technical efficiency of the hospital sector: Panel data analysis of the Iranian hospitals using parametric and non-parametric approaches**”, Bali medical journal, 2019
18. M Abdekhoda, A Dehnad, **M Yousefi**, “**Effectiveness of training intervention to improve medical student’s information literacy skills**”, Korean journal of medical education, 2016.
19. F Keshvari-shad, S Hajebrahimi, Maria Pilar Laguna Pes, A Mahboub-Ahari, M Nouri, F seyednejad, **M Yousefi**, “**Systematic Review of Screening Tests for Chronic Kidney Disease: An Accuracy Analysis**”, Galen Medical Jouranal, 2020
20. E. Sarbazi, **M. Yousefi**, B. Khami, R. Ettekal-Nafs, T. Babazadeh, and S. Gaffari-fam, “**Epidemiology and the survival rate of burn-related injuries in Iran: a registry-based study**”, Ann Burns Fire Disasters. 2019 Mar 31; 32(1): 3–9
21. Yousef Haghnia, Taha Samad-Soltani, **Mahmood Yousefi**, Habib Sadr, Peyman Rezaei-Hachesu, “**Telepsychiatry- Based Care for the Treatment Follow-Up of Iranian War Veterans with Post-Traumatic Stress Disorder: A Randomized Controlled Trial**”, Iranian Journal of Medical Sciences, 2019

22. Dariush Jafarzadeh, Ramin Rezapour, Teimour Abbasi, Jafar Sadegh Tabrizi, **Mahmood Yousefi**, “**Studies Reporting Quality as a Major Challenges in Conducting Meta-Analysis: An experience in Effectiveness of fissure sealant and fluoride varnish in preventing dental caries**”, Journal of Clinical Research & Governance, 2019.
23. Shahla Darba, Naser Safaei, Alireza Mahboub–Ahari, Shirin Nosratnejad, Gisoo Alizadeh, Hosein Ameri, **Mahmood Yousef**, “**Direct and Indirect Costs Associated with Coronary Artery (Heart) Disease in Tabriz**”, **Iran**, Risk Management and Healthcare Policy, 2020
24. Farhad Khalili, Behzad Najafi, Fariborz Mansour-Ghanaei, **Mahmood Yousefi**, Hadi Abdollahzad, Ali Motlagh,” **Cost-Effectiveness Analysis of Colorectal Cancer Screening: A Systematic Review**” Risk Management and Healthcare Policy, 2020
25. Hosein Ameri, Hossein Safari, **Mahmood Yousefi**, Reza Goudarzi, Moslem Sofi, **Interim value set for the EQ-5D-5L in Iran using the Crosswalk method**, Medical Journal of The Islamic Republic of Iran (MJIRI), 2020
26. Habibeh Mir, Farshad Seyednejad, Habib Jalilian, Shirin Nosratnejad, **Mahmood Yousefi**, **Cost of lung cancer in East Azerbaijan province, in Iran, in 2017**, International Journal of Pharmaceutical and Healthcare Marketing, 2020
27. **Mahmood Yosefi**, Rasol EntezarMahdi, Roghyyeh Jafari, **Assessing the Workload of Health Care Practitioners (Moraghebe Salamat) in Urban Health Posts of West Azarbaijan Province in 2017**, Journal of Clinical Research in Paramedical Sciences, 2020
28. Azin Nahvijou, Hossein Safari, **Mahmood Yousefi**, Marziyeh Rajabi, Morteza Arab-Zozani, Hosein Amer, **Mapping the cancer-specific FACT-B onto the generic SF-6Dv2**, Breast Cancer, 2020
29. Morteza Arab-Zozani, Fatemah Hashemi, Hossein Safari, **Mahmood Yousefi**, Hosein Amer, **Health-Related Quality of Life and its Associated Factors in COVID-19 Patients**, Osong public health and research perspectives, 2020
30. Leila Doshmangir, **Mahmood Yousefi**, Edris Hasanpoor, Behzad Eshtiagh, Hassan Haghparast-Bidgoli, **Determinants of catastrophic health expenditures in Iran: a systematic review and meta-analysis**, Cost Effectiveness and Resource Allocation, 2020
31. Rahim Khodayari-Zarnaq, **Mahmood Yousefi**, Mohammad Hajizadeh, Mahdiyeh Heydari, **Medical tourists’ perspectives on the quality of care in Iran**, Anatolia, 2020
32. Mansur Haji Esmaeili, Farshad Seyednejad, Alireza Mahboub-Ahari, Hossein Ameri, Hadi Abdollahzad, Naser Safaei, Farbod Alinezhad, **Mahmood Yousefi**, **Cost-effectiveness analysis of lung cancer screening with low-dose computed tomography in an Iranian high-risk population**, Journal of Medical Screening, 2021.
33. **Mahmood Yousefi**, Azin Nahvijou, Ali Akbari Sari, Hosein Ameri, **Mapping QLQ-C30 onto EQ-5D-5L and SF-6D-V2 in patients with colorectal and breast cancer from a developing country**, Value in Health Regional Issues, 2021
34. RaanaZakeri, ShirinNosratnejad, HomayounSadeghi-Bazargani, KoustuvDalal, **MahmoodYousefi**, **The economic burden of road traffic injuries until one-year after hospitalization: A survey study**, Accident Analysis & Prevention, 2021.

35. Adineh Jafarzadeh, Alireza Mahboub-Ahari, Moslem Najafi, **Mahmood Yousefi & Koustuv Dalal, Medicine storage, wastage, and associated determinants among urban households: a systematic review and meta-analysis of household surveys**, BMC Public Health, 2021.
36. Maryam Sarmasti, Manouchehr Khoshbaten, Farhad Khalili, **Mahmood Yousefi, Cost-Effectiveness of Screening Helicobacter pylori for Gastric Cancer Prevention: a Systematic Review**, Journal of Gastrointestinal Cancer.
37. Rona Bahreini, Masoumeh Gholizadeh, Fethiye, Gulin Gedik, Mahmoud Yousefi, Ali Janati. **Components of contributing conditions to strengthen health system management and leadership capacity building: a systematic review and decision making framework**, Leadership in Health Services, 2021
38. **Mahmood Yousefi**, Ilker Dastan, Farbod Alinezhad, Mansour Ranjbar, Christoph Hamelmann, Afshin Ostovar, Alireza Moghisi, Sima Mohammadi, Awad Mataria, Asmus Hammerich, Slim Slama, Nasim Pourghazian, Alireza Mahdavi Hezaveh, Behzad Valizadeh, Parisa Torabi, Mehdi Najmi, Mohammad Moradi, Alieh Hodjatzadeh, Fatemeh Keshvari-Shad, **Prevention and control of non-communicable diseases in Iran: the case for Investment**, BMC Public Health, 2022

PUBLICATIONS IN PROGRESS

- A 30 years analysis of health care out-of-pocket payments in Iran.
- Estimating the catastrophic payments and cost-of-illness in patients with prostate cancer.
- Cost-effectiveness analysis of chronic kidney disease screening.

8. Honours and awards

- Ranked among the top three applicants in the masters entrance exam throughout Iran(2004)
- Ranked among top two candidates in PhD entrance exam and awarded a PhD scholarship from Iran's ministry of health (2009).
- Selected as distinguished teacher in 2017 among the academic members in the School of Management and Medical Informatics, Tabriz University of Medical Sciences.
- Awarded best researcher award for 2021 in the School of Management and Medical Informatics, at Tabriz University of Medical Sciences.

9. Workshops and courses attended

- International **Cost-Effectiveness workshop in health & medicine**, Kermanshah University of Medical Sciences, Iran, 17th -20th Jan 2011.
- **Economic Evaluation for the WHO-EMRO region** in Cairo, Egypt, 14-18 December 2014.
- **Health Technology Assessment (HTA)**, School of Health and Related Research, University of Sheffield, 2013(**Online course**)

- Regional Training Workshop to Develop **Non-Communicable Diseases (NCDs) Investment Cases, using OneHealth tool**, in the Eastern Mediterranean Region, 5-8 November 2018, Beirut, Lebanon.
- **Building Resilience, Developing Sustainable Health Care Systems and Advancing Universal Health Coverage in Developing Countries**, A joint WHO and Harvard Medical School Course on Health Systems, March 31, 2019 – April 3, 2019, Dubai, UAE.
- Advanced course on health financing for UHC 2022, WHO facilitated online course, April 2022
- Health financing for universal health coverage , WHO online training course, February 2022