

Curriculum Vitae

Reza Goudarzi

A faculty member at Kerman University of Medical Sciences

Academic Rank: Associate Professor

Department: Healthcare Management and Economics

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EDUCATION HISTORY:

Degree	Field	Graduation year	Graduated from
PhD	Health Economic	2014	Tehran University of Medical Sciences
MSc	Health Economic	2007	Iran University of Medical Sciences
BSc	Healthcare Management	2004	Tehran University of Medical Sciences
High school diploma	Experimental science	1999	Broujerd

LANGUAGE SKILLS:

- Persian
- English
- Arabic

COURSE TEACHING:

- Teaching “The fundamental of micro and macroeconomics,” PhD program of Pharmacoeconomics, School of Pharmacy, **Tehran University of Medical Sciences.**
- Teaching “Economic evaluation,” PhD program of Pharmacoeconomics, School of Pharmacy, **Tehran University of Medical Sciences.**
- Teaching “Economic evaluation,” PhD program of Pharmacoeconomics, School of Pharmacy, **Shahid Beheshti University of Medical Sciences.**

- Teaching “Financing in health system” and “Economic evaluation,” PhD program of healthy policy, School of Health Management & Information Sciences, **Kerman University of Medical Sciences**.
- Teaching “Economic evaluation,” Department of Health Technology Assessment (HTA), School of Public Health, **Tehran University of medical Sciences** and **Shahid Sadoughi University of medical Sciences (Yazd)**.
- Teaching “Economic evaluation,” MPH, School of Public Health, **Tehran University of Medical Sciences**.
- Teaching “Research methods,” “econometrics,” “health economic,” and “economic evaluation”, Masters’ program, School of Health Management & Information Sciences, **Kerman University of Medical Sciences**.
- Teaching “Health economics” and “economy of engineering and economic evaluation,” department of MPH, School of Public Health, **Kerman University of Medical Sciences**.
- Holding several workshops on health economic, performance assessment and efficiency, financing systems in healthcare, and economic evaluation in Abadan, Ahvaz, Tabriz, Tehran, Kerman, Yasuj, Yazd province, etc.

RESEARCH PROJECTS:

- A research project titled “**Iranian EQ-5D-5L valuation by EQ-PVT** “, EuroQol Research Foundation, 2020
- A research project titled “**hospital cost management: An Approach of Health system and implementation of proposed pattern in shafa hospital**“, Kerman University of Medical Sciences, 2019
- A research project titled “**Cost estimation of postgraduate parasitology education in Kerman University of Medical Sciences** “, Kerman University of Medical Sciences, 2019
- A research project titled “**systematic review of clinical efficiency, costing, and comparing the cost of technology efficiency (FMRI) to determine and survey the process of mental diseases and sleep disorders comparing with other diagnosis systems like PET, MIR, and SPECT**,” The National Institute of Health Researches, Tehran University of Medical Sciences, 2017
- A research project titled “**annual analysis of budget space of health sector and forecasts for 2020, 2025, and 2030**” The National Institute of Health Researches, Tehran University of Medical Sciences, 2017
- A research project titled “**cost-benefit analysis of infertility treatments based on willingness to pay (WTP) approach**,” The National Institute of Health Researches, Tehran University of Medical Sciences, 2016

- A research project titled **“Health technology assessment to provide services to acute stroke in Stroke Unit comparing with ICU,”** The National Institute of Health Researches, Tehran University of Medical Sciences, 2016
- A research project titled **“Assessment of safety and efficacy of non-invasive ventilation technology (constant positive pressure on the respiratory way) before hospitalization in treatment of acute respiratory disorder,”** Students Research Committee, Kerman University of Medical Sciences, 2018
- A research project titled **“Assessment of computed digital absorptiometry (CDA) technology comparing with bone density central assessment in osteoporosis patients and individual prone to the disease,”** The National Institute of Health Researches, Tehran University of Medical Sciences, 2015
- A research project titled **“safety, efficacy, and cost-effectiveness of providing rehabilitating services to patients with acute stroke at hospital comparing with homecare services,”** The National Institute of Health Researches, Tehran University of Medical Sciences, 2016
- A research project titled **“A social preference value set for EQ-5D health states using Time Trade-Off in Iran,”** The Institute of Researches on using Health Technology, Tehran University of Medical Sciences, 2012
- A research project titled **“Determining technical performance of hospital affiliated with Tehran University of Medical Sciences using data envelopment analysis(DEA) and stochastic frontier analysis(SFA) 1996-2008,”** Tehran University of Medical Sciences, 2008
- A research project titled **“Estimating production function in the hospital affiliated with Tehran University of Medical Sciences,”** Tehran University of Medical Sciences, 2009
- A research project titled **“Surveying attitudes of policymakers and providers of family physician program with regard to adaptability of the program with the aspects of policy making in 2011,”** Tehran University of Medical Sciences, 2011
- A research project titled **“Determining technical efficiency of hospitals affiliated with Lorestan University of Medical Sciences using data envelopment analysis and stochastic frontier analysis 2001-2007,”** Lorestan University of Medical Sciences, 2007
- A research project titled **“Efficiency of Isfahan City in realization of human development index (HDI) using stochastic frontier analysis 2004-2008,”** Isfahan University of Medical Sciences, 2009
- A research project titled **“Assessment of performance in health services insurance of Kerman Province using Malmquist index 2003-2007,”** Iranian health Insurance Org., Kerman University of Medical Sciences, 2008

- A research project titled “**Estimation cost price of services provided by hospitals affiliated with Kerman University of Medical Sciences using ABC method in 2008**”, Kerman University of Medical Sciences, 2009
- A research project titled “**Determining economic performance of ICUs of hospitals affiliated with Kerman University of Medical Sciences,**” Kerman University of Medical Sciences, 2010
- A research project titled “**Surveying the relationship between conflict management styles and creativity of the personnel of educational hospitals in Kerman City 2009,**” Kerman University of Medical Sciences, 2009
- A research project titled “**Determining the technical efficiency of the hospitals affiliated with Kermanshah University of Medical Sciences using stochastic frontier analysis,**” Kermanshah University of Medical Sciences, 2012

PAPERS:

English

- **Cost-effectiveness analysis of coronary arteries bypass grafting (CABG) and percutaneous coronary intervention (PCI) through drug stent in Iran: a comparative study, Cost Effectiveness and Resource Allocation, 2023; 21(1),16 :1-10**
- **A national survey of Iranian general population to estimate a value set for the EQ-5D-5L, Quality of Life Research, 2023; DOI: 10.1007/s11136-023-03378-1**
- **Cost-benefit analysis of Intensive Care Unit with Activity-Based Costing approach in the era COVID-19 pandemic: A case study from Iran, PLoS One, 2023; 16;18(5): e0285792.**
- **Willingness to pay for complementary health insurance in Iran: Contingent valuation approach, International Journal of Health Planning and Management, 2022; 37(3), pp. 1816-1826**
- **Cost-effectiveness of neuroimaging technologies in management of psychiatric and insomnia disorders: A meta-analysis and prospective cost analysis, Journal of Neuroradiology, 2021; 48(5), 348-358**
- **Cost-Benefit Analysis of IUI and IVF based on willingness to pay Approach; case study: Iran, PLoS ONE journal. 2020; 15(7).1-13**
- **Age of Natural Menopause and Related Factors among the Tabari Cohort, J Menopausal Med 2020;26:18-23**

- **Is there a relationship between general and oral health-related quality of life in partially edentulous patients before and after implant treatment? A quasi-experimental study**, *Clinical Oral Implants Research*.2020;31(6),557-564
- **Estimating the Cost for Routine Immunization Program in Southeastern Part of Iran**, *Human Vaccines & Immunotherapeutics* .2020;1-7.
doi:10.1080/21645515.2020.1725357
- **Age of Natural Menopause and Related Factors among the Tabari Cohort**, *Journal of Menopausal Medicine*.2020; 26(1),18
- **Quality of Hospital Services during New Year Holiday (Nowruz) in Iran**, *Journal of Public Health*. 2019;1-7
- **Effect of new year holidays on hospital mortality: A time series study**, *International Journal of Emergency Medicine*.2019;12(1),20
- **Modelling the Budget Determination of Educational Sector in Iran's Medical Sciences Universities**, *Strides Dev Med Educ*. Online ahead of Print; In Press (In Press): e81991
- **Valuation of Quality Weights for EuroQol 5-Dimensional Health States with the Time Trade-Off Method in the Capital of Iran**, *Value in Health Reginal Issue*. 2019; 18:170-5
- **What determines utilization of dental care services? The case of Iran**, *J Oral Health Oral Epidemiol* 2018; 7(3): 139-47.
- **Relation between socioeconomic indicators and children dental caries in Iran: A systematic review and meta-analysis**, *Int J Prev Med* 2018; 9:71.
- **Avoidance dental visit, the impact of predictor factors: A cross-sectional study in Kerman, Iran**, *J Oral Health Oral Epidemiol* 2018; 7(1): 39-46.
- **Evaluation of Patients' utility Values for Replacement Options of Lost Teeth**, *International Journal of Advanced Biotechnology and Research (IJBR)*. 2017; 8(3): pp1643-1648
- **Cost-effectiveness analysis of tissue plasminogen activator in acute ischemic stroke in Iran**, *J Med Econ*. 2018 Mar; 21(3):282-287.
- **Factors Affecting Fertility Rate in Iran (Panel Data 1966-2013): A Survey Study**, *Journal of Family and Reproductive Health*. 2017; 11(3):138-45
- **Investigating the Appropriateness of Admission and Hospitalization at a Teaching Hospital: A Case of a Developing Country**, *Iran J Public Health*, 2017; 46(12): 1720-1725
- **Population-based preference weights for EQ-5D Health States using visual analogue scale (VAS) in Iran**, *Iranian Red Crescent Medical Journal* ,2016 ;18(2): e21584

- **Examining the Health-Related Quality of Life after Coronary Artery Bypass Grafting and Percutaneous Coronary Intervention in Iran via SF-36 and SAQ,** *Int Cardiovasc Res J.*2016;10(3):123-128.
- **Cost-Effectiveness Analysis of Breast Cancer Screening in Rural Iran,** *Asian Pac J Cancer Prev,*2016; 17 (2): 609-614
- **Health technology assessment: Off-site sterilization.** *Med J Islam Repub Iran,* 2016;16 March, 30:345.
- **Safety and effectiveness assessment of intravenous immunoglobulin in the treatment of relapsing-remitting multiple sclerosis: A meta-analysis.** *Med J Islam Repub Iran,* 2016 (23 February). 30: 336.
- **Participation of the Women Covered by Family Physicians in Breast Cancer Screening Program in Kerman, Iran,** *Asian Pac J Cancer Prev;* 16 (11): 4555-4561
- **Technical efficiency of teaching hospitals in Iran: the use of Stochastic Frontier Analysis, 1999-2011.** *Int J Health Policy Manag,* 2014; 2:1-7
- **Cost-Effectiveness analysis of malaria diagnosis techniques in patients with suspected malaria in Hormozgan province- 2012,** *Hormozgan Medical Journal,* 2015;19(3):171-76
- **Efficiency evaluation of hospitals affiliated with Yazd University of Medical Sciences using quantitative approach of Data Envelopment Analysis in the year 2001 to 2011,** *Pensee Journal,* Vol 76, No. 5; May 2014, p:416-25
- **The Psychometric Properties of the Farsi Version of “Hospital Survey on Patient Safety Culture” In Iran’s Hospitals,** *Iranian J Public Health,* 2012, 41(4), p. 80-86
- **A Comparative Study on Willingness to Pay for Breast Cancer and Osteoporosis Screening in Kerman during 2015,** *Iranian J Public Health ,*46(5), 25 May 2017, p. 693-698

Persian

- **Fiscal Space Assessment: A Missing Link in Financing Management of the Iran’s Health System.** *Hakim Health Sys Res.* 2020; 22(4): 337-348.
- **Calculating the final cost of the educational services of school of Management and Information Sciences through activity-based costing in Kerman.** *Iranian Journal of Medical Education,* 2019; 19(0): 282-92
- **The survey of effect of economic factors on fertility rate in Iran: Panel date 1966-2013,** *Razi Journal of Medical Sciences.*2017; 24(154):73-81
- **Surveying Activity Based Costing of Final Units (A Case Study in one of the Armed Forces Hospitals).** *Hospital Journal.*2016;11(1):42-50
- **Safety evaluation of laparoscopic sleeve gastrectomy compared with two procedures of laparoscopic rouxen-y gastric bypass and laparoscopic**

adjustable gastric banding for individuals with morbid obesity: a systemic review. J Shahid Sadoughi Univ Med Sci 2015; 23(7): 650-659

- **Measuring willingness to pay for supplementary medical insurance using conditional evaluation method in Kerman,** Hakim Research Journal, 2015, 18(2),130-37
- **Cost effectiveness analysis of dialysis and kidney transplant in patient with kidney disorder in Afzaipour Hospital-Kerman,** Hospital journal, 2015, 14(4), 21-27
- **Examining the cost price of final activity centers; case study: Armed Forces Hospitals,** Hospital journal, 2016; 15(1): 41-49
- **Estimation Efficiency Hospitals of Kerman Province Using Stochastic Frontier Analysis (SFA) Method, 2007-2011.** Journal of Health Based Research, 2015; 1(2):105-114
- **Surveying the effect of health care financing on income distribution in Iran, 2008-2010,** Health and Development Journal 2014, 3rd year, No4, p.150-59
- **Assessment of performance using econometric method and stochastic frontier analysis; case study: hospitals affiliated with Kermanshah University of Medical Sciences,** Monthly Journal of Kermanshah University of Medical Sciences, 17th year, 10, January 2014.
- **Determining economic performance of CCU of hospitals affiliated with Tehran University of Medical Sciences using DEA and SFA in 2006-2009,** Hakim Research Journal 2013, 16th year, No.4, p.285-93
- **Surveying the relationship between conflict management styles and creativity of personnel in educational hospitals in Kerman City in 2008,** Hospital journal, 2010, 9th year, No. 4-3, p.29-37
- **Performance Appraisal of Selected Departments in Kerman University of Medical Sciences: A Quantitative Study,** Iranian Journal of Education in Medical Sciences, 2012, 12th year, No.3, p.194-202
- **Determining technical efficiency of the hospitals affiliated with Tehran University of medical Sciences using DEA,** Quarterly of the School of Public Health, 2009, 7th year, No.4, 79-86
- **Calculating end price of radiology ward services in Shafa Hospital in Kerman based on ABC costing in 2010,** Toloe Behdasht journal, 2011, 10th year, No.1, p.50-61
- **Determining technical efficiency of hospitals affiliated with Iran University of Medical Sciences using DEA in 2000-2004,** Health Management Research Journal, 2006, 9th year, No.26, p.31-38
- **Assessment of performance of medical sciences universities between 2002-2007; a technical performance study,** Hakim Research Journal, 2010, 13th year, No.1, p.58-68

- **Estimating technical performance of ICUs of hospitals affiliated with Kerman University of Medical Sciences using SFA in 2008**, Journal of Kerman University of Medical Science, 2013, 20th period, No.6, p596-608
- **Assessment of performance in hospitals affiliated with Lorestan University of Medical Sciences between 2001-2007**, Payesh Research Journal 2012, 11th year, No.3, p.309-315
- **Assessment of performance and efficiency of health insurance using Malmquist index, case study: Kerman Province**, Public Medical Insurance Journal, 2011, 15th year, No.1, series 47, p.37-41
- **Assessment of performance of hospitals affiliated with Yazd University of Medical Sciences using DEA**, Peyavard Research Journal, 2012, 6th year, NO.3, p.215-224

Review papers

- **Private medical insurance in the developing countries; challenges and solutions**, Social Security Quarterly, 2009, No.32.[in Persian]
- **Motivation in employees and its position in health system reforms**, Social Security Quarterly, 2009, No.33.[in Persian]

ABSTRACTS AND PRESENTATIONS:

- **Appraisal Performance of Hospitals Affiliated with Tehran University of Medical Science by Stochastic Frontier Analysis (SFA) Method**, 10th International Conference on Health Economics, Management and Policy, Greece on 27-30 June 2011, oral presentation
- **Evaluating Performance of Medical Universities in Iran During 2002 to 2007: A Technical Efficiency Study**, 10th International Conference on Health Economics, Management and Policy, Greece on 27-30 June 2011, oral presentation
- **Measuring willingness to pay for infertility treatment by IVF in Iran**. 2nd international congress on reproductive health and childbearing, Tehran-Iran.2017, Poster
- **Cost benefit analysis of infertility treatment by IVF in Iran**. 7th Yazd International Congress and Student Award in Reproductive Medicine, Yazd-Iran,2017, Poster
- **Estimation cost price of radiology ward services in Shafa Hospital in Kerman based on ABC costing**; 1st National Conference of Cutting the End Price, Ministry of Commerce, 2010, oral presentation

- Private medical insurance in the developing countries; challenges and solutions, **Health Economic and Medical Insurance Conference**, Tarbiat Modares University, **oral presentation**
- Trade in health sector, a solution or a threat, **3rd conference of management of medical health services**, Baghiatollah Medical Sciences University, 2015, **oral presentation**

BOOKS:

- Reviewing the indices of Equity (applied point of view in health sector), Honar Negare Publications, Summer 2017
- Questions of health economics Masters' Program admittance exam, Jameh Negar Publications, Tehran, 2016
- Healthcare financing systems in the developing countries, under publication

WORK EXPERIENCES:

- Head of Department of Management, Policy and Health Economics, Kerman University of Medical Sciences, 2018
- Expert of health economic at Health Information observatory, Ministerial section, Ministry of Health and Medical Education, 2016-2017
- Headquarter supervisor of national institute of health researcher/ Ministry of Health and Medical Education, Kerman University of Medical Sciences, I.R Iran multiple-indicator demographic and health survey (IR MIDHS) 2011
- A member of Scientific Group of Economy of Comprehensive Health Culture, Jahad Daneshgahi Health Sciences Research Center, Tehran University of Medical Sciences 2011
- Education Manager of Institute for Futures Studies in Health, Kerman University of Medical Sciences, 2014-2016
- A member of fiscal space team in Shafa Hospital Project (BOT project) Kerman University of Medical Sciences 2014
- Reviewer in Hakim, Hospital, Teb & Tazkieh, Health and Hygiene (Tehran University of Medical Sciences), and Health and Development journals

COURSES AND WORKSHOPS:

- Developing NCDs Investment Cases in the Eastern Mediterranean Region, Regional Training Workshop, American University of Beirut, Lebanon, 5-9 nov 2018

- Strategic Purchasing: Policies and Practices, 25-27 Feb 2017, Ministry of Health, Tehran, I.R.Iran.
- How to Write and Get Published, Springer in Tehran University of Medical Sciences, 2012
- Economic evaluation of health services, National Institute of Health Researches, Tehran 2009
- Systematic review and meta-analysis, Cancer Int'l Congress, Tehran, 2017
- Modeling economic evaluation (TreeAge), Tehran University of Medical Sciences, 2012
- Crisis management, Kerman University of Medical Sciences, 2007

SKILLS:

- OneHealth Tools
- EasyFit Software
- TreeAge Software
- Stata and Eviews Software for Econometric Study
- Deap and Frontier software for Performance Evaluation
- SPSS Software
- Office Software