

Hosein Azizi

Ph.D in Epidemiology Assistant Professor of Epidemiology Women's Reproductive Health Research Center, Tabriz University of Medical Sciences, Tabriz, Iran Degree Earned From: Tehran Uni Med Sci **Personal Information:** Nationality: Iranian Marital Status: Married **Profiles in:** Scopus: H-index: 12 https://www.scopus.com/authid/detail.uri?authorId=56641053500 Google Scholar : H-index: 15 https://scholar.google.com/citations?user=iDRzOf4AAAAJ&hl=en&oi=ao Postal Address: Tabriz, Women's Reproductive Health Research Center Bagshomal, Alzahra Hospital, Block 4, floor 4 **Mobile:** +989146085737 E. Mail Address: aziziepid@gmail.com

Profile

Well-skill in Methodology and recognize biases in medical studies, Data analysis with the statistical packages, Health System Research (HSR) and Disease Surveillance, Cancer epidemiology, Mental Health, and Interpreting results to provide solutions to existing problems.

Career/Job History

2018-2023	 Head for Al-Zahra Clinical Research Development Unit Epidemiology and Bio-statistics Advisor. Clinical Research Development Unit, Tabriz University Hospitals Research Expert and Reviewer, Research Center of Psychiatry & Behavioral Sciences, Razi Psychiatric, Hospital, Tabriz University of medical sciences
2013-2018	 3) Research Director: Malekan Health Network, Tabriz Uni Med Sci 2) Technical Director: Malekan Health Network, Tabriz Uni Med Sci 4) Director of Center for Non-communicable Diseases Control: Malekan Health Network, Tabriz Uni Med Sci
2010-2012	5) Excellent Health Expert in Health Centers of Miandoab,
	Vice-Chancellor for Health, Urmia University of Medical

Sciences.

Academic degrees/ Qualification

Research Interests

2018- 2022 2012-2015	 Ph.D in Epidemiology, Dep. Epidemiology & Biostatistics, Tehran University of Medical Sciences, Tehran, Iran MSc: Epidemiology, Department of Epidemiology, School of Health, Ilam University of Medical Sciences 	 Utilization of Epidemiological Evidence in Health Systems (Decision making in clinical, policymaking, and public health) Cancer Epidemiology Women Mental Health and Suicide Prevention
2006-2010	Ilam, Iran BSc: Public Health, School of Health, Isfahan University of Medical Sciences. Isfahan, Iran	 Disease Surveillance System (communicable and non-communicable diseases) Clinical Epidemiology
2004	High school diploma. Miandoab, Iran	

Software's

Language

Key Skills and Achievements

- Study design and methodology
- Lot Quality Assurance Sampling (LQAS)
- ➢ Health Systems & Surveillance
- ➢ Mental Health & Suicide Prevention
- ➢ Epidemiological Evidence in Health Systems
- ➢ Meta-Analysis and Meta-regression
- Case-control Studies
- ➢ Malaria Elimination and Control
- ➤ Statistics

Azeri Turkish (Mother tongue), Persian (good), English

SPSS, STATA, EndNote, G-Power, Rev Man, MS Excel, MS Word, MS PowerPoint

Azeri Turkish (Mother tongue), Persian (good), Englis (Advance), English writing (good)

Teaching Experience

Academic courses:

- Epidemiology and Common Diseases in Iran at Master and BSs levels: Tabriz University of Medical Sciences
- Communicable Disease surveillance at Master level: Tabriz University of Medical Sciences
- Common Diseases in Iran at BSs level: Tabriz University of Medical Sciences
- Community Health, Nurse students, Master and BSs levels: Tabriz University of Medical Sciences AND School of Nursing, Urmia Uni Med Sci, Miandoab

Research Methods: BSs level. Islamic Azad Uni, Malekan

Teaching at workshops:

- Research Methodology, Research Vice-chancellor, Tabriz University of Medical Sciences
- General principles for reporting study result and statistical interpretation: Research Vice-chancellor, Tabriz University of Medical Sciences
- Scientific Writing for medical teachers and students (Research Vice-chancellor, Tabriz University of Medical Sciences)

Advisors: Fellowship:4, Residents: 13; Dentistry: 2

- ➢ Systematic Review & Meta-analysis (2): Tabriz Uni Med Sci
- Policy Brief (Tehran & Tabriz Uni Med Sci)
- Cardiovascular risk prediction of Iran Package of Essential Non-communicable Disease (IraPEN)
- Behavioral disorders in children and adolescents
- ➢ Mendeley software
- Common Psychiatric Disorders

- Influenza Surveillance System (Ministry of Health)
- SIB (Integrated Health System)

Thesis Supervisor and Advisor

Memberships (Scientific)

- Iranian Epidemiological Association
- ➢ Iranian public health association
- ▶ Editorial Board of "Annals of Public Health" Journal
- Reviewer Board of "Research Center of Psychiatry and Behavioral Sciences" at Tabriz Uni Med Sci

Awards & Achievements

Excellent Researcher in Primary Heath Care (PHC) at Tabriz Uni Med Sci – 2017

Memberships (Islamic and socio-cultural)

Basij (mobilization)

- ➤ 2004 to 2006 (2 years) : Regular
- ➤ 2006 to 2007 (1 year) : Active;
- ➤ 2007 to 2022 (21 years) : Cadre
- > 2020 to 2022 (3 years) : Medical association

Workshops

➢ Scientific Writing

Supervisors: GP: 3

- ➤ Search Strategy
- Fellowship course of Health management- License number (d/209/3255)- From August 2016 to March 2017
- Systematic Review & Meta-analysis (1): Tehran, Uni Med Sci

Journal Reviewer

- ➤ BMJ Open
- ➢ BMC Psychiatry
- ▶ Health Promotion Perspective (HPP),
- ➢ Journal of Medical Virology,
- ➢ Women's Mental Health,
- ➢ Red Crescent,
- BMC Public Health (suicide)
- > Journal of Suicide Prevention,
- Medical J Tab Uni Med Sci,
- ▶ Research Center of Psychiatry and Behavioral Sciences;
- Depiction of Health
- > Other journals

Grant recruitment

▶ The Iranian Red Crescent Society, August, 2022

Proposal Reviewer

Pazhoohan (https://pazhoohan.tbzmed.ac.ir) at Tabriz Uni Med Scie: More than 70 proposals

Papers published (*First Author or *Correspondence*)

مقالات با نقش نویسنده مسئول با علامت ستاره (*) مشخص شده است.

- <u>Azizi, H</u>., Fakhari, A., Farahbakhsh, M. *et al.* Prevention of Re-attempt Suicide Through Brief Contact Interventions: A Systematic Review, Meta-analysis, and Meta-regression of Randomized Controlled Trials. *J of Prevention* (2023). https://doi.org/10.1007/s10935-023-00747-x
- 2. Shafiee-Kandjani, A.R., Nezhadettehad, N., Farhang, S. Brugman R. Shanebandi D. <u>Azizi H*</u>. MicroRNAs and proinflammatory cytokines as candidate biomarkers for recent-onset psychosis. *BMC Psychiatry* 23, 631 (2023).
- 3. <u>Azizi, H</u>*., Davtalab Esmaeili, E. & Abbasi, F. Availability of malaria diagnostic tests, anti-malarial drugs, and the correctness of treatment: a systematic review and meta-analysis. *Malar J* **22**, 127 (2023). <u>https://doi.org/10.1186/s12936-023-04555-w</u>
- 4. Karimi, G., Kabir, K., Farrokhi, B. <u>Azizi H</u>*. Prescribing pattern of antibiotics by family physicians in primary health care. *J of Pharm Policy and Pract* **16**, 11 (2023). https://doi.org/10.1186/s40545-023-00515-6
- 5. Esmaeili ED, <u>Azizi H*</u>, Sarbazi E, Khodamoradi F. The global case fatality rate due to COVID-19 in hospitalized elderly patients by sex, year, gross domestic product, and continent: A systematic review, meta-analysis, and meta-regression. New Microbes and new Infections. 2023; 51:101079.
- 6. Karimi, G., Kabir, K., Farrokhi, B. Ebbaszadeh E. Davtalab E and **Azizi H***. Prescribing pattern of antibiotics by family physicians in primary health care. *J of Pharm Policy and Pract* **16**, 11 (2023). <u>https://doi.org/10.1186/s40545-023-00515-6</u>
- 7. Azizi, H*., Esmaeili, E.D., Khodamoradi, F. *et al.* Effective suicide prevention strategies in primary healthcare settings: a systematic review. *Middle East Curr Psychiatry* 29, 101 (2022). <u>https://doi.org/10.1186/s43045-022-00271-4</u>
- 8. **H Azizi**, R Majdzadeh, A Ahmadi, A Raeisi, M Nazemipour, M Mansournia, A Schapira. Development and validation of an online tool for assessment of health care providers' management of suspected malaria in an area, where transmission has been interrupted. *Malaria Journal* 2022 Oct 27;21(1):304. doi: 10.1186/s12936-022-04308-1. PMID: 36303211.
- 9. Fakhari A, Doshmanghir L, Farahbakhsh M, Shalchi B, Shafiee A, Alikhah F, Eslami Z, Esmaeili ED, Azizi H*: Developing inpatient suicide prevention strategies in medical settings: Integrating literature review with expert testimony. *Asian Journal of Psychiatry*, 2022; volume 78:103266.
- 10. Azizi H, Fakhari A, Esmaeili ED: Does recovered COVID-19 patients have protective reactions in subsequent reexposures to the virus? *International Journal of Preventive Medicine* 2022, **13**(1):114.

- 11. Azizi, H., Majdzadeh, R., Ahmadi, A. *et al.* Health workers readiness and practice in malaria case detection and appropriate treatment: a meta-analysis and meta-regression. *Malar J* 20, 420 (2021). <u>https://doi.org/10.1186/s12936-021-03954-1</u>
- 12. Fakhari A, Tabrizi JS, Dorosti A, Asl-Rahimi V, Farahbakhsh M, Barzegar H, Magami LG, **Azizi H***: Studying the Performance, Achievements and Challenges of Providing Community-Oriented Mental Health Services: A Preliminary Case Study. Depiction of Health 2022, 13:311-321.
- 13. Esmaeili ED, Farahbakhsh M, Sarbazi E, Khodamoradi F, **Azizi H***. Predictors and incidence rate of suicide re-attempt among suicide attempters: A prospective study. *Asian Journal of Psychiatry* 2021: 102999. <u>https://doi.org/10.1016/j.ajp.2021.102999</u>
- Fakhari A, Allahverdipour H, Esmaeili ED, Chattu VK, Salehiniya H, Azizi H*. Early marriage, stressful life events and risk of suicide and suicide attempt: a case–control study in Iran. *BMC Psychiatry* 2022; 22: 1-11. <u>https://doi.org/10.1186/s12888-022-03700-0</u>
- 15. Azizi, H*., Fakhari, A., Farahbakhsh, M. *et al.* Outcomes of community-based suicide prevention program in primary health care of Iran. *Int J Ment Health Syst* 15, 67 (2021). <u>https://doi.org/10.1186/s13033-021-00492-w</u>.
- Fakhari, A., Farahbakhsh, M., Esmaeili, E.D. and Azizi, H*. A longitudinal study of suicide and suicide attempt in northwest of Iran: incidence, predictors, and socioeconomic status and the role of sociocultural status. *BMC Public Health* 21, 1486 (2021). https://doi.org/10.1186/s12889-021-11527-9.
- 17. Fakhari A, Azizi H*, Farahbakhsh M, Esmaeili ED. Effective programs on suicide prevention: Combination of review of systematic reviews with expert opinions. Int J Prev Med 2022;13:39.
- Esmaeili ED, Fakhari A, Naghili B,Khodamoradi F, Azizi H*. Case fatality and mortality rates, socio-demographic profile, and clinical features of COVID-19 in the elderly population: a population-based registry study in Iran. J Med Virol. 2022;94:2126-2132
- Azizi H*. Lot Quality Assurance Sampling (LQAS), an Efficient and Rapid Assessment Technique in Quality Assurance and Public Health Studies. J Prev Med Hyg 2022;62:E793-E794. <u>https://doi.org/10.15167/2421-4248/jpmh2021.62.4.1578</u>

- 20. Farahbakhsh M, Fakhari A, **Azizi H***, Davtalab Esmaeili E, Sadegh Tabrizi J, Mirzapour M, Dorosti A, Asl Rahimi V. Development and implementation of a community-based suicide prevention program in primary care. Med J Tabriz Uni Med Sciences. 2022; 44(2): doi: 10.34172/mj.2022.022.
- 21. Farahbakhsh, M., **Azizi, H***., Fakhari, A. et al. Developing a Community-based Suicide Prevention Program in Primary Health Care. Community Ment Health J (2021). <u>https://doi.org/10.1007/s10597-021-00875-w</u>.
- 22. Fakhari A, Farahbaksh M, Davtalab Esmaeili E, **Azizi H***, et al. Effective programs and strategies on suicide prevention: combination of review of systematic reviews with expert opinions. Inter J Prev Med 2021; p. 12:36
- 23. Farahbakhsh, M., Asgari, M.N., Aslrahimi, V. Azizi H*. Socio-demographic status and 12 years trend of completed suicide in East Azerbaijan Province, Iran, during the period 2007–2018. Middle East Curr Psychiatry 28, 32 (2021). <u>https://doi.org/10.1186/s43045-021-00111-x</u>.
- 24. Azizi H*, Esmaeili ED, Fakhari A. Challenges and accurate estimates of mortality and case-fatality rates due to COVID-19. New Microbes New Infect. 2020 Nov; 38:100775. doi: 10.1016/j.nmni.2020.100775.
- 25. Azizi H*, Esmaeili ED. Challenges and potential solutions in the development of COVID-19 pandemic control measures. New Microbes New Infect. 2021 Mar; 40:100852. doi: 10.1016/j.nmni.2021.100852. Epub 2021 Feb 24. PMID: 33643657; PMCID: PMC7902202.
- 26. Azizi, H*., Davtalab-Esmaeili, E., Farahbakhsh, M. et al. Malaria situation in a clear area of Iran: an approach for the better understanding of the health service providers' readiness and challenges for malaria elimination in clear areas. Malar J 19, 114 (2020). https://doi.org/10.1186/s12936-020-03188-7
- 27. Nakhlband A, Fakhari A, **Azizi H***. Interferon-beta offers promising avenues to COVID-19 treatment: a systematic review and meta-analysis of clinical trial studies. Naunyn Schmiedebergs Arch Pharmacol. **2021** May;394(5):829-838. doi: 10.1007/s00210-021-02061-x.
- 28. **AZIZI H***, DAVTALAB-ESMAEILI E. Iranian First-Line Health Care Providers Practice in COVID-19 Outbreak. Iran J Public Health 2020. 49(Supple 1):119-121

- 29. Azizi H*, Esmaeili ED, Fakhari A. Challenges and accurate estimates of mortality and case-fatality rates due to COVID-19. New Microbes New Infect. 2020 Nov; 38:100775. doi: 10.1016/j.nmni.2020.100775.
- Nakhlband A, Fakhari A, Azizi H*. Interferon-alpha position in combating with COVID-19: A systematic review. J Med Virolo; 2021: 94 (8): <u>https://doi.org/10.1002/jmv.27072</u>
- Azizi H*, Davtalab Esmaeili E. Is COVID-19 Posed Great Challenges for Malaria Control and Elimination?. Iran J Parasitol. 2021; 16(2):346-347.
- 32. Farahbakhsh M, Fakhari A, Azizi H*, Davtalab-Esmaeili E. Structure, Characteristics and Components of COVID-19 Surveillance System. J Mil Med. 2020; 22 (6) :534-541
- Farahbakhsh M, Fakhari A , Davtalab Esmaeili E, Azizi H*, Mizapour M, et al. The Role and Comparison of Stressful Life Events in Suicide and Suicide Attempt: A Descriptive-Analytical Study, Iran J Psychiatry Behav Sci. 2020; 14(2):e96051. doi: 10.5812/ijpbs.96051.
- 34. Fakhari A, Farahbakhsh M, **Azizi H***, Davtalab Esmaeili E, Mirzapour M, Asl Rahimi V, Hashemi L, Gaffarifam S. Early Marriage and Negative Life Events Affect on Depression in Young Adults and Adolescents. Arch Iran Med. **2020** Feb 1; 23(2):90-98.
- 35. Delpisheh A, **Azizi H***, Dantalab Esmaeili E, et al. The quality of care and blood sugar control in type II Diabetic patients of rural areas under the care by family physicians. Iranian Journal of Diabetes and Metabolism **2015**; 14(3):189-98.
- 36. Azizi, H*. Davtalab-Esmaeili, E., Mirzapour, M., Karimi, G., Rostampour, M., Mirzaei, Y. A Case-Control Study of Timely Control and Investigation of an Entamoeba Histolytica Outbreak by Primary Health Care in Idahluy-e Bozorg Village, Iran. International Journal of Epidemiologic Research, 2019; 6(3): 120-127. doi: 10.15171/ijer.2019.22
- 37. Azizi H, Asadollahi K, Esmaeili ED, Mirzapoor M. Iranian dietary patterns and risk of colorectal cancer. Health promot perspec 2015; 5: 72-80.
- Davtalab Esmaeili E, Asadollahi K, Delpisheh A, Sayehmiri K, Azizi H*. Metabolic Syndrome and Risk of Colorectal Cancer: A Case-Control Study. Int J Cancer Manag 2019; 12: e84627 doi: 10.5812/ijcm.84627

- 39. Azizi H, Delpisheh A, Sayehmiri K, Davtalab Esmaeili E, Sharbafi J, Asadollahi Kh. Risk of Colorectal Cancer in Type2 Diabetic Patients. Med J Tbz Uni Med Sci Heal Serv 2016; 38: 56-65.
- 40. Azizi H, Esmaeili ED. Stressful life events and risk of colorectal cancer: a case-control study of Iran. Asian Pac J Cancer Prev. 2015; 16(6):2403-7. doi: 10.7314/apjcp.2015.16.6.2403.
- 41. Azizi H. Indicators for Assessing the Practice and Capacity of COVID-19 Surveillance System. J Mar Med. 2020; 2 (1):53-56. URL: <u>http://jmarmed.ir/article-1-71-en.html</u>
- 42. Azizi H., Davtalab Esmaeili E., Sayehmiri K., Karimi G., Asadollahi K. Risk of colorectal cancer in depressed patients, negative life events, and the prevalence rate of depressive symptoms: a case-control study WCRJ 2021; 8: e1984. DOI: 10.32113/wcrj_20215_1984
- 43. Azizi H, Hagiri L, Abbasi F, Alizadeh S. Rabies death by the marten bites: A case report. RJMS. 2017; 23 (153):13-18. URL: http://rjms.iums.ac.ir/article-1-4033-en.html
- Elham Davtalab Esmaili ,Hosein Azizi* ,Lotfali Haghiri ,AJi Soleimani , The association between fruits and vegetables intake and prevention of diabetes complications in patients with type2 diabetes, Med. J. Tabriz Univ. Med. Sci. Health Serv. 2017; 38 (6): 18-25

Paper published (Co-Author)

- 45. Fakhari, A., Herizchi, S., Sadeghi-Bazargani, H. *et al.* Prevalence of psychiatric disorders in the aging population in the northeastern of Iran. *Middle East Curr Psychiatry* **30**, 25 (2023).
- 46. Esmaeili ED, Azizi H, Dastgiri S, Kalankesh LR: Does telehealth affect the adherence to ART among patients with HIV? A systematic review and meta-analysis. *BMC Infectious Diseases* 2023, 23:1-10.
- 47. Soleimanpour H, Sarbazi E, Esmaeili ED, Mehri A, Fam SG, Nikbakht H-A, Saadati M, Sedighi S, Vali M, Azizi H: Predictors of receiving COVID-19 vaccine among adult population in Iran: an observational study. *BMC Public Health* 2023, 23:490

- 48. Yousefi S, Ahangar H, Bahrami M, Kamalinejad M, Yaghoubi A, Azizi H: Effectiveness of "Centaurea behen" root on quality of life in patients with systolic heart failure: A randomized clinical trial. J Cardiovasc Thorac Res 2023, 15:22-29.
- 49. Fakhari, A., Herizchi, S., Sadeghi-Bazargani, H. ... Azizi H. Prevalence of psychiatric disorders in the aging population in the northeastern of Iran. *Middle East Curr Psychiatry* **30**, 25 (2023). https://doi.org/10.1186/s43045-023-00287-4
- 50. Somi, M.H., Fakhari, A., Azizi, H. et al. Psychological adverse effects of COVID-19 pandemic on health service providers: an online survey. *Middle East Curr Psychiatry* 29, 90 (2022). https://doi.org/10.1186/s43045-022-00253-6
- 51. Tran KB, Lang JJ, Compton K, Xu R, Acheson AR, Henrikson HJ, Kocarnik JM, Penberthy L, Aali A, Abbas Q, Azizi H, ...: The global burden of cancer attributable to risk factors, 2010–19: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet* 2022, **400**(10352):563-591.
- 52. Gaffarifam S, Sarbazi E, Ghorbani Z, Azizi H, Soleimanpour H, Khami B, Daemi A, Sadeghi-Bazargani10 H: An Epidemiological Analysis of Injuries among Cyclists and Clinical Characteristics of them: A Single-Center Experience from Northwest of Iran. *Archives of Trauma Research*; 2022, **11**(1):27.
- 53. Peden AE, Cullen P, Francis KL, Moeller H, Peden MM, Ye P, Tian M, Zou Z, Sawyer SM, Aali A, Azizi H, ... Adolescent transport and unintentional injuries: a systematic analysis using the Global Burden of Disease Study 2019. *The Lancet Public Health* 2022, **7**(8):e657-e669.
- 54. Hesari E, Ahmadinezhad M, Arshadi M, Azizi H, Khodamoradi F. The association between migraine and breast cancer risk: A systematic review and meta-analysis. PLoS One. 2022 Feb 10;17(2):e0263628. doi: 10.1371/journal.pone.0263628.
- 55. Ahmadinezhad M, Arshadi M, Hesari E, Sharafoddin M, **Azizi H**, Khodamoradi F. Relationship between metabolic syndrome and its components with bladder cancer: a systematic review and meta-analysis in cohort studies. **Epidemiol Health**. 2022 May 30:e2022050. doi: 10.4178/epih.e2022050. Epub ahead of print. PMID: 35638225.
- Fakhari A, Azizi H, Mostofi M, Sadeghpour S, Farahbakhsh M. Validity and Reliability of the Iranian Rapid Assessment for Psychiatric Illness Screening Instrument (IRA-PISI) in Primary Health Care. Iran J Psychiatry Behav Sci.16(2):e112790. doi: 10.5812/ijpbs-112790.
- 57. Abbasi, F., Janani, L., Talebi, M. Azizi. H. *et al.* Risk factors for transient and permanent congenital hypothyroidism: a populationbased case-control study. *Thyroid Res* 14, 11 (2021). <u>https://doi.org/10.1186/s13044-021-00103-3</u>
- 58. Babazadeh T, Ghaffari-Fam S, Oliaei S, Sarbazi E, Shirdel A, …, and Azizi. H. Predictors of Pap Smear Screening Behavior Among Rural Women in Tabriz, Iran: An Application of Health Belief Model, Int J Cancer Manag. Online ahead of Print; 12(5):e87246. doi: <u>10.5812/ijcm.87246</u>.

- 59. Barzegar, H., Farahbakhsh, M., **Azizi, H**. et al. A descriptive study of agoraphobic situations and correlates on panic disorder. **Middle East Curr Psychiatry** 28, 31 (2021). <u>https://doi.org/10.1186/s43045-021-00110-y</u>
- 60. Karimi G, Ahmadi P, Delpisheh A, ..., Azizi, H. Factors Influencing Patterns of Antibiotic Prescribing in Primary Health Care Centers in the Savodjbolaq District During 2012-13: A Cross-Sectional Study. Alborz University Medical Journal 2015;4(3):157-67.
- 61. Gaffari-fam S, Sarbazi E, Moradpour H, Soleimanpour H, **Azizi H**, Heidari S. Epidemiological Patterns, Trends of Animal Bites and Factors Associated with Delays in Initiating Post-Exposure Prophylaxis for Rabies Prevention in Hurand, Iran: A Cross-Sectional Study. jcbr. 2021; 5 (2) :48-56
- Soleimanpour H, Abbasian M, Sarbazi E, Paknezhad S P, Jalilvand H, Masoudi N, Azizi H, et al. Predictors of Delay in Seeking Post-Exposure Prophylaxis in Older Adults with Animal Bite Injuries: A Population-Based Study. Elderly Health Journal. 2021; 7 (2):58-64
- Yousefi S, Ahangar H, Bahrami M, Kamalinejad M, Yaghoubi A, Azizi H. Effectiveness of "Centaurea behen" root on quality of life in patients with systolic heart failure: A randomized clinical trial. J Cardiovasc Thorac Res. 2023;15(1):22-29
 64.

Papers/Research projects were lead to the Impact (utilization)

- 1) Development and implementation a suicide prevention program in Malekan County
- 2) A Case-Control Study of Timely Control and Investigation of an Entamoeba Histolytica Outbreak by Primary Health Care in Idahluy-e Bozorg Village, Iran
- 3) Developing suicde prevention strategies in the general and psychiatric hospitals and medical settings

Paper Presented in National and International Congresses

- 1. Association between stressful life event and suicide risk- 9th Iranian Congress of Epidemiology -2019
- 2. Metabolic syndrome and risk of colorectal cancer-9th Iranian Congress of Epidemiology-2019
- 3. Stressful life events and risk of Colorectal cancer: a case-control study- 2nd *International* GI Cancer Congress- Olympic Hotel-Tehran- 14-16 Oct 2015
- 4. Risk of Colorectal Cancer in type2 Diabetic Patients 2nd International GI Cancer Congress- Olympic Hotel- Tehran- 14-16 Oct 2015
- 5. Prevalence of and risk factors for syndromic symptoms of infectious disease in the pilgrimage of Arbaeen, 2022 " The 3rd International Congress of Health in Arbaeen; Agust 2-4; 2023

Research Projects

No	Project title (up to 2021)	Type of cooperation	situation
1	Development and implementation a suicide prevention program in Malekan County	Executer	finished
2	The assessment of care quality control in diabetic patients	Executer	finished
3	A systematic review of suicide prevention in primary health care: strategies and challenges	Executer	finished
4	Assessing suspected malaria case management by first line health service providers in eliminating countries: a systematic review	Executer	in process
5	Study of socio-economic factors, motivation, encouragement, and reproductive preferences among women and men in East Azerbaijan Province in 2021	Executer	in process
6	epidemiologic survey of suicide in East Azerbaijan province _ Iran during 2007-2017	main colleague	finished
7	Developing a comprehensive surveillance system for COVID 19 among Iranian health system	main colleague	finished

Frequency evaluation and effective factors on transfusion rate in trauma patients in Shohada Educational and Medical Center of Tabriz	main colleague	finished
Assessing knowledge and attitude and practice about child abuse in care givers in primary health care in Tabriz	main colleague	in process
The epidemiological survey and determine the prevalence of psychiatric disorders in the employees cohort at Tabriz University of Medical science	main colleague	in process
psychological outcomes of COVID-19 among health workers	main colleague	finished
Evaluation of hospital care quality by TRISS method and survival predictor in road traffic injuries in East Azerbaijan in 2020	main colleague	in process
Epidemiology, case fatality and mortality rates of COVID-19 in the elderly population of East Azerbaijan Province: A population-based registry study	main colleague	finished
Designing and performing questionnaire of evaluating the viewpoint of hospital staffs, patients and patients relatives about the limitation of patient visiting peoples in the hospital	main colleague	in process
Survey of the prevalence of occupational exposure and related factors among the staff working in Shohada Hospital per year	main colleague	in process
psychological outcomes of COVID-19 In the general population of Tabriz	main colleague	in process
Evaluation of Determinants and Factors Affecting the Failure of Fractured Bone Welding Process in Patients Admitted i Referral Shohada Hospital in Tabriz: A Prospective Study	main colleague	in process
Assessing the knowledge, Attitude and Practice of primary health care clients about child abuse in Tabriz city	main colleague	in process
Effect of adding Bupropion on Improving Sexual Function in Patients With Sexual Complications Due to SSRI	main colleague	in process
Review of systematic reviews for developing a suicide prevention program in the health system	main colleague	in process
Study of socio-economic factors, motivation, encouragement, and reproductive preferences among women and men in East Azerbaijan Province in 2021	Executer	in process
Assessment of care quality of type 2 diabetic patients using Lot Quality Assurance Sampling (LQAS) technique in primary health care	Executer	in process
Comparison of the effect of platelet-rich factor with corticosteroids in treatment of Oral Lichen Planus Patients: A systematic review	main colleague	in process
Elderly COVID_19 case fatality rate and Gross Domestic Product (GDP) : a systematic review and meta- analysis	Executer	in process
Clinical outcomes, epidemiology, and challenges of hospitalized cases with judicial order in Razi psychiatric hospital- Tabriz	main colleague	in process
	Assessing knowledge and attitude and practice about child abuse in care givers in primary health care in Tabriz The epidemiological survey and determine the prevalence of psychiatric disorders in the employees cohort at Tabriz University of Medical science psychological outcomes of COVID-19 among health workers Evaluation of hospital care quality by TRISS method and survival predictor in road traffic injuries in East Azerbaijan in 2020 Epidemiology, case fatality and mortality rates of COVID-19 in the elderly population of East Azerbaijan Province: A population-based registry study Designing and performing questionnaire of evaluating the viewpoint of hospital staffs, patients and patients relatives about the limitation of patient visiting peoples in the hospital Survey of the prevalence of occupational exposure and related factors among the staff working in Shohada Hospital per year psychological outcomes of COVID-19 In the general population of Tabriz Evaluation of Determinants and Factors Affecting the Failure of Fractured Bone Welding Process in Patients Admitted i Referral Shohada Hospital in Tabriz: A Prospective Study Assessing the knowledge, Attitude and Practice of primary health care clients about child abuse in Tabriz city Effect of adding Bupropion on Improving Sexual Function in Patients With Sexual Complications Due to SSRI Review of systematic reviews for developing a suicide prevention program in the health system Study of socio-economic factors, motivation, encouragement, and reproductive preferences among women and men in East Azerbaijan Province in 2021 Assessment of care quality of type 2 diabetic patients using Lot Quality Assurance Sampling (LQAS) technique in primary health care Comparison of the effect of platelet-rich factor with corticosteroids in treatment of Oral Lichen Planus Patients: A systematic review Elderly COVID_19 case fatality rate and Gross Domestic Product (GDP) : a systematic review and meta- anallysis Clinical outcomes, epidemiology, and chal	and Medical Center of Tabriz Infant Colleague Assessing knowledge and attitude and practice about child abuse in care givers in primary health care in Tabriz main colleague The epidemiological survey and determine the prevalence of psychiatric disorders in the employees cohort at Tabriz University of Medical science main colleague Evaluation of hospital care quality by TRISS method and survival predictor in road traffic injuries in East Azerbaijan in 2020 main colleague Epidemiology, case fatality and mortality rates of COVID-19 in the elderly population of East Azerbaijan Province: A population-based registry study main colleague Designing and performing questionnaire of evaluating the viewpoint of hospital staffs, patients and patients relatives about the limitation of patient visiting peoples in the hospital main colleague Survey of the prevalence of occupational exposure and related factors among the staff working in Shohada Hospital per year main colleague Psychological outcomes of COVID-19 In the general population of Tabriz main colleague Main colleague main colleague Psychological outcomes of COVID-19 In the general population of Tabriz main colleague Main colleague main colleague Psychological outcomes of COVID-19 In the general population of Tabriz main colleague Review of betterminants and Factors Affecting the Failure of Fractured Bone Welding Process in Patients Admitted i Referral Shohada Hospital in Tabriz: A Prospective Study main colleague Effect of addin