Mehdi Abbasi, MD

General Practitioner and Medical Researcher

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General practitioner and medical researcher with published work on cardiovascular risk, diet and mental health, and COVID-19 outcomes. Interested in applying artificial intelligence and machine learning to research questions in cardiovascular medicine.

CLINICAL EXPERIENCE

General Practitioner 2026-present

Outpatient clinic

- Counsel patients on treatment and preventive care, arrange follow-up, and refer patients to specialists when indicated.

Clinical Intern 2023-2025

University-affiliated teaching hospitals

Clinical Clerkship 2021-2023

University-affiliated teaching hospitals

PROFESSIONAL MEMBERSHIP

Iran Medical Council Membership No. 230411

RESEARCH EXPERIENCE

Researcher 2022-present

Isfahan Cardiovascular Research Center
Isfahan University of Medical Sciences

Research mentor · Dr. Noushin Mohammadifard

Researcher 2020-2023

Isfahan Students' Research Center
Isfahan University of Medical Sciences

JOURNAL PEER REVIEW

Peer Reviewer · *Medicine* (Wiley) 2026

Peer Reviewer · *Trials* (BMC) 2025

EDUCATION & PROFESSIONAL DEVELOPMENT

Doctor of Medicine (MD) 2018-2025

Isfahan University of Medical Sciences
Isfahan, Iran

Health MBA Course 2025

Shahid Beheshti University

AI in Healthcare Specialization Online

Stanford University

- Fundamentals of Machine Learning for Healthcare
- Evaluations of AI Applications in Healthcare
- AI in Healthcare Capstone

TECHNICAL SKILLS

Python · PyTorch · MATLAB

ADDITIONAL TRAINING

National Brain Mapping Laboratory

2021-2022

- Magnetic and Electrical Brain Stimulation Protocols for Research and Clinical Applications
- Practical and Theoretical Functional Magnetic Resonance Imaging (fMRI)
- Quantitative EEG from Raw Data to Clinical Report
- fMRI Experiment Design Workshop

Publications

01 Association Between PURE Diet Score and Mental Disorders in Patients At-Risk of Cardiovascular Disease: Findings From the Iran Premature Coronary Artery Disease (IPAD) Study, a Multicenter Cross-Sectional Study
Health Science Reports, 2025

02 Adherence to the Eat-Lancet diet and its association with depression and anxiety among Iranian adults: a cross-sectional multicentric study
Frontiers in Nutrition, 2025

03 Baseline socioeconomic status predicting post-COVID-19 symptoms: Results from Isfahan COVID Cohort (ICC) study
Preventive Medicine Reports, 2024

04 Association of obesity and the clinical course of hospitalised COVID-19 survivors
Clinical Obesity, 2024

05 COVID-19 and Selenium Deficiency: a Systematic Review
Biological Trace Element Research, 2022

06 Impact of Smoking Status on Clinical Outcomes of COVID-19: Insights from a Population-Based Cohort Study

07 (under-revision) Legume Consumption and Metabolic Syndrome Risk in Patients with Premature Coronary Artery Disease: Findings from the Iran Premature Coronary Artery Disease Study

08 (under-revision) Associations Between Fast-Food Consumption and Body Mass Index: Insights from the Isfahan Twins Cohort

09 (under-revision) Association of Nuts and Seeds Intake with Metabolic Factors Among Iranian Adults: Results from Isfahan Cohort Study 2