

Research Theses of the Hypertension Research Center

Ongoing Studies:

1. Assessment of Medication Adherence and Its Association with Comorbidities in Hypertensive Patients Visiting the Hypertension Clinic of the Hypertension Research Center, Cardiovascular Research Institute, Isfahan, between 2018–2025.
2. Assessment of Self-Care and Self-Efficacy and Their Association with Socio-Economic Factors in Hypertensive Patients Visiting the Hypertension Clinic of the Hypertension Research Center, Cardiovascular Research Institute, Isfahan, between 2016–2023.
3. Investigation of the Association Between Socio-Economic Factors and Knowledge, Awareness, and Attitudes in Hypertensive Patients: A Cross-Sectional Study.
4. Effectiveness of Cognitive Behavioral Therapy on Interoceptive Awareness, Emotional Flexibility, Central Self-Evaluation, and Self-Care Behaviors in Individuals with High Blood Pressure.
5. Short-Term and Medium-Term Outcomes of Aortic Valve Replacement Using MYVAL with Transcatheter Aortic Valve Implantation (TAVI) in Isfahan Province from 2021–2023.
6. Investigating the Association of the Mediterranean Diet Plus (PREDIMED Plus) Score with Cardiovascular Events and Overall Mortality in Iranian Adults.
7. Investigating the Association of Fat Accumulation Index with Early-Onset Coronary Artery Disease and Number of Affected Vessels.
8. Association Between Advanced Glycation End Products (AGEs) and the Risk and Severity of Early-Onset Coronary Artery Disease: A Multi-Center Case-Control Study.
9. The Association Between Pre-Surgical Echocardiographic Findings and the Occurrence of Atrial Fibrillation After Coronary Artery Bypass Grafting (CABG): A Systematic Review.
10. The Association Between the Prevalence and Severity of Early-Onset Coronary Artery Disease and the METS-IR Index in Iranian Ethnic Groups.
11. Prevalence, Clinical Manifestations, Risk Factors, and Causes of Acute Myocardial Infarction Without Coronary Artery Stenosis (MINOCA) in Isfahan in 2025.
12. Comparison of the Effectiveness of Transcranial Direct Current Stimulation (TDCS) and Web-Based Acceptance and Commitment Therapy (IACT) on Pain Parameters in Chronic Pain Patients: A Randomized Controlled Trial.
13. Impact of Positive Psychology Education on Academic Burnout, Academic Motivation, and Psychological Well-being of Primary School Students in Isfahan in 2026.
14. Investigating the Association Between Intake Patterns of Vitamins E and C, Zinc, and Iron with the Presence and Severity of Early-Onset Coronary Artery Disease: A Multi-Center Case-Control Study.
15. The Association Between Triglyceride-Glucose Index and Coronary Artery Disease Severity in Early-Onset Coronary Artery Disease Patients: A Multi-Center Case-Control Study.
16. Prevalence of Pericarditis After Cardiac Device Implantation: A Systematic Review.

17. Prevalence of Pelvic Floor Disorders in Pregnant Women in Isfahan in 2025.
18. Association of Magnesium Levels with Short-Term and Medium-Term Outcomes in Acute Myocardial Infarction Patients.
19. The Association Between the Timing of Percutaneous Coronary Intervention (PCI) and Left Ventricular Function Changes in Myocardial Infarction Patients with Elevated ST Segment in the First 24 Hours of Symptom Onset or After Thrombolytic Therapy.
20. The Association Between the Type of Arterial Access and Major Cardiovascular and Cerebrovascular Complications in Coronary Interventions in Patients Registered in the National Cardiovascular Registry – Isfahan University of Medical Sciences: A Cohort-Based Causal Inference Study.
21. Demographic, Angiographic Findings, and Clinical Outcomes in Bifurcation Angioplasty Patients.
22. Comparison of Ultrasound and CT scan in Diagnosing Kidney Stones and Urinary Tract Stones in Comparison with CT scan as the Gold Standard and the Impact on Treatment Plans.
23. Effectiveness of Web-Based Acceptance and Commitment Therapy on Depression, Emotional Regulation Issues, and Body Image Concerns in Burn Injury Patients.
24. The Association Between Legume Consumption and Metabolic Syndrome in Patients with Early-Onset Coronary Artery Disease: A Multi-Center Case-Control Study.
25. Prevalence of Hypertension in Breast and Colorectal Cancer Patients Registered in the "Cardiovascular Disease Occurrence in Cancer" Cohort Study and Factors Affecting Its Prevalence.
26. The Association Between Cholesterol Levels and Vegetable Consumption in Patients with Early-Onset Coronary Artery Disease: A Multi-Center Case-Control Study.
27. Agreement Between Blood Pressure Measurements Using a Digital Blood Pressure Monitor and Ambulatory Blood Pressure Monitoring.
28. Comparative Study of Electrocardiographic Changes in Pregnant Women Visiting the Chamran Hospital Clinic in Isfahan in 2021–2022 and a Control Group.
29. Prevalence of Return-to-Work After Cardiac Rehabilitation in Ischemic Heart Disease Patients from 2017–2020 at Chamran Medical Center, Isfahan University of Medical Sciences.
30. The Association Between Magnesium Levels and Prognosis in Acute Coronary Syndrome Patients During Hospitalization.
31. Prevalence of Stroke in Coronary Angioplasty Patients During Hospitalization at Chamran Hospital, Isfahan, from 2017–2021.