



# CURRICULUM VITAE

## Dr. Mohsen Davoodi

Associate Professor of Exercise Physiology

Department of General Courses, School of Paramedical Sciences

Shiraz University of Medical Sciences

### Education

**Ph.D. in Exercise Physiology** – Cardiovascular Exercise Physiology

Field of Expertise: Exercise Physiology, Sports Medicine, Cardiovascular Exercise and Health

**M.Sc. in Exercise Physiology**

**B.Sc. in Medical Radiology**

## EDUCATIONAL BACKGROUND

- **Ph.D. in Exercise Physiology**, specialization in Cardiovascular and Respiratory Physiology
- **M.Sc. in Exercise Physiology**
- **B.Sc. in Medical Radiology**

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## ADMINISTRATIVE AND EXECUTIVE EXPERIENCE

- Former **Director General of Physical Education**, Shiraz University of Medical Sciences
- Former **Secretary of Physical Education of Universities of Medical Sciences in the Southern Region of Iran**
- Former **Deputy/Acting Head of the Vice-Chancellor for Treatment**, Shiraz University of Medical Sciences
- Former **Head of the Radiology Affairs Supervision Office**, Fars Province
- Former **Head of Kamfiruz Health and Treatment Network**
- Former **Hospital Manager, Vali-Asr Hospital**, Kazerun

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## SPORTS-RELATED EXPERIENCE

- Member of the **Board of Directors, Fars Province Sports Medicine Board**
  - Member of the **Board of Directors, Fars Province Hockey Board**
  - Vice President, **Fars Province University Sports Board**
  - Head of the **Medical Committee, Fars Province General Sports Board**
  - Head of the **Education Committee, Fars Province Sports Medicine Board**
  - Secretary, **Kazerun Athletics Board**
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## SPORTS COACHING AND TRAINING CERTIFICATES

1. **C Asian Coaching Certificate** in Athletics
  2. **Grade C Physical Fitness Coaching Certificate**, Federation of Physical Fitness
  3. **International Volleyball Coaching Certificate (C Asian)**
  4. **National Football and Futsal Coaching Certificate**
  5. **Sports Massage Therapy Certificate**, Sports Medicine Federation
  6. **Sports Field First-Aid Certificate**, Sports Medicine Federation
  7. Instructor for **Coaching Theory Courses**, Department of Sports and Youth, Kazerun
  8. **Sports Injury Specialist and Medical Assistant** at National Competitions of Islamic Azad Universities, Region 6 (2007–2008)
  9. Height and body mass: **183 cm / 80 kg**
  10. Athlete and **Captain of University Selected Teams** during university studies
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## BOOKS: AUTHORSHIP AND TRANSLATION

### 1. Practical Electrocardiography for Sports Medicine

**Type:** Translation

**Publisher:** Hatami Publications – Specialized Publisher of Physical Education and Sports Sciences

**Year:** 2012

### 2. Cellular and Molecular Approaches to Physical Activity

**Type:** Authorship

**Publisher:** Jahad Daneshgahi Publications – Specialized Publisher of the Ministry of Science

**Year:** 2014

### 3. Fatty Liver Disease and Physical Activity

**Type:** Authorship

**Publisher:** Khaniran Publications

**Commissioned by:** Shiraz University of Medical Sciences and Lar Medical School

**Year:** 2016

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# SCIENTIFIC PUBLICATIONS

## 1. Journal of Diabetes and Its Complications – JCR, Q1

**Title:** Improved carotid intima-media thickness-induced high-intensity interval training associated with decreased serum levels of Dkk-1 and sclerostin in type 2 diabetes

**Year:** 2020

## 2. Experimental Physiology – Wiley, Q2

**DOI:** 10.1113/EP089371

**Title:** Improved blood pressure and flow-mediated dilatation via increased plasma Adropin and nitrate/nitrite induced by high-intensity interval training in patients with type 2 diabetes

**Year:** 2021

## 3. Clinica Terapeutica

**DOI:** 10.7417/CT.2022.2447

**Volume:** 173, Issue 4, pp. 362–368

**Title:** The Evaluation of the Effect of 12 Weeks of Water Aerobic Exercise and Atorvastatin Drug on Apolipoproteins A1 Changes, ANP, BNP and CRP in Older Men with Cardiovascular Disease

**Year:** 2022

## 4. Clinica Terapeutica

**Volume:** 173, Issue 3, pp. 228–234

**Title:** Effects of Interval Training Intensity and Curcumin on Expression of Endothelial Progenitor Cells mRNA and C-Reactive Protein in Elderly Rats' Heart

**Year:** 2022

## 5. Academic Journal of Health Sciences

**2021; 36(3): 88–92**

**Title:** Effect of Estrogen and Insulin Sensitivity Due to Exercise Training with Dual Intensities in Female Rats with Estradiol Valerate-Induced PCOS

**Year:** 2021

## 6. Journal of Health Sciences Surveillance System

**July (Supplement) 2023; Vol. 11, No. 3**

**Title:** Investigating the Relationship between Nutritional Attitude and Performance with Physical Activity in Patients with COVID-19

**Year:** 2023

## 7. Sadra Journal of Medical Sciences

**Vol. 11, No. 4, Autumn 2023**

**Title:** Comparison of the Effect of Active Recovery and Sports Massage on Cortisol and Lactate Levels in Semi-Professional Male Runners

**Year:** 2023

**8. Elsevier / ScienceDirect – WCES 2011**

**Title:** The Effect of Eight Weeks of Selected Aerobic Exercise on the Levels of AST and ALT Enzymes in Men with Fatty Liver Disease

**Year:** 2011

**9. Elsevier – Social and Behavioral Sciences / ScienceDirect / Web of Science – WCES 2012**

**Title:** Comparison of Interpersonal Sensitivity, Somatization and Paranoid Ideation between Athletic and Non-Athletic University Students

**Year:** 2012

**10. Procedia – Social and Behavioral Sciences**

**Volume:** 46, 2012, pp. 236–240

**Title:** Comparison of Interpersonal Sensitivity, Somatization and Paranoid Ideation between Athletic and Non-Athletic University Students

**11. International Journal of Forensic Medicine**

**Date:** March 18, 2018

**Title:** Utility of Computed Tomography (CT) Scan and Magnetic Resonance Imaging (MRI) in Forensic Medicine

**Year:** 2018

**12. Scientific Research Journal, Shahrekord University of Medical Sciences**

**Volume:** 14, Issue 1

**Year:** 2012

**Title:** The Effect of Eight Weeks of Endurance Training on Liver Parenchyma and Liver Enzymes (AST, ALT) in Men with Fatty Liver Disease

**Role:** First Author and Corresponding Author

**13. Scientific Research Journal of Sports Medicine, University of Tehran – ISC**

**Year:** 2011

**Title:** The Relationship between Longitudinal Foot Arch and Cardiorespiratory Endurance and Agility in Boys Aged 12–14 Years

**14. Research in Biological Sciences and Physical Activity, University of Zahedan**

**Year:** 2012

**Pages:** 53–62

**Title:** The Effect of 12 Weeks of Walking Combined with Vitamin C Supplement

15. Improved blood pressure and flow-mediated dilatation via increased plasma adropin and nitrate/nitrite induced by high-intensity interval training in patients with type 2 diabetes

M Davoodi, BK Hesamabadi, E Ariabood, MR Izadi, A Ghardashi-Afousi, ...  
Experimental physiology 107 (8), 813-824

16. The effect of eight weeks elected aerobic exercise on the levels of (AST, ALT) enzymes of men patients with have fat liver

R Valizadeh, M Nikbakht, M Davodi, M Khodadoost  
Procedia-Social and Behavioral Sciences 15, 3362-3365

17. Antioxidant effects of aerobic training and crocin consumption on doxorubicin-induced testicular toxicity in rats

M Davoodi, SZ Bouri, SD Ghahfarokhi  
Journal of Family & Reproductive Health 15 (1), 28

18. Opium tincture versus methadone syrup in management of acute raw opium withdrawal: A randomized, double-blind, controlled trial

F Tabassomi, M Zarghami, MR Shiran, S Farnia, M Davoodi  
Journal of Addictive Diseases 35 (1), 8-14

19. Effects of interval training intensity and curcumin on expression of endothelial progenitor cells mRNA and C reactive protein in elderly rats heart

M Davoodi, S Rezaie, Z Negarandeh, S Gholamailishahi, M Mehdipoor  
La Clinica Terapeutica 173 (3)

20. The evaluation of the effect of 12 weeks of water aerobic exercise and Atrovastain drug on apolipoproteins A1 Changes, ANP, BNP and CRP in older men with cardiovascular disesaes

M Davoodi, S Rezaei, Z Negarandeh, S Gholamalishahi  
La Clinica Terapeutica 173 (4)

21. Aerobic training and crocin consumption improve doxorubicin damage to spermatogenesis process and luteinizing hormone receptor expression of male Wistar rats

M Davoodi, S Zilaei Bouri, S Dehghan Ghahfarokhi  
Jentashapir J Cell Mol Biol 13 (2), e127941

22. Designing a Strategic Renewal Model for Healthy Aging Based on Organizing Public Sports for the Elderly in Urban Parks

A Moradi Niknam, M Davoodi, R Darvishi, M Bani Asadi

25. Protective effect of high-intensity aerobic training and Crocin on testicular oxidative stress and apoptosis in healthy male Wistar rats treated with doxorubicin  
MZ Bouri, M Davoodi, A Delpisheh, SD Ghahfarokhi, SZ Bouri

26. Effects of aerobic training and garlic extract on apoptotic markers and the expression of miR 1 and miR 133 in the brain tissue of reserpine induced Parkinsonian rats.  
M Hossienzadeh, M Davoodi, F Saadat, AA Dalooi

27. Different Intensities of Exercise and Cardiovascular Performance: A Review: Different Intensities of Exercise and pCardiovascular Performance  
M Davoodi, F Zaravar  
Galen Medical Journal 14, e3722

28. Identification of Key Factors Influencing the Role of Sport in the Sustainable Development of Shiraz City  
M Davoodi  
Geography and Human Relationships, e222007

29. The Effect of Corrective Exercises and Nine Plus Screening Tests (Y-Balance and Single-Leg Jump) on Injury Prevention and Movement Pattern Improvement in Imam Ali University ...  
A Shakibirad, S Mohamadyari, F Ranjbarzadeh, M Davoodi  
Sadra Medical Sciences Journal 13 (2), 356-370

30. Comparison of the Effect of Active Recovery and Sports Massage on Cortisol and Lactate Levels of Semi-professional Male Runners  
M Davoodi, M Hossienzadeh, F Saadat  
Sadra Medical Journal 11 (4), 353-359