

# Curriculum Vitae

**Name:** S. Mohammad Kermani-Alghoraishi

**Gender:** Male

**Marital status:** Married

**Date of birth:** 09.21.1986

**Place of birth:** Isfahan, Iran

**Nationality:** Iran

**Language:** Persian, English

## Clinical Medical Researcher and Interventional Cardiologist

### Position:

- 2020 – Present      *Assistant Professor* of Interventional Cardiology, Department of Cardiology, School of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2016 – 2018      *Assistant Professor* of Cardiology, Department of Cardiology, School of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2008 – Present      *Researcher and Member* of Isfahan Cardiovascular Research Institute, Isfahan University of Medical Sciences, Isfahan, Iran.

### Work address:

Isfahan Cardiovascular Research Institute, Isfahan University of Medical Sciences, Salman Farsi Street, Isfahan, Iran. Tel: +98 31 36115310

Department of Cardiology, School of Medicine, Isfahan University of Medical Sciences, Hezar Jerib Avenue, Isfahan, Iran. Tel: +98 31 37923071

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## Education:

- 2018-2020 Fellowship of Interventional Cardiology, Isfahan University of Medical Sciences, Isfahan, Iran.  
Thesis: *Impact of Allopurinol Pretreatment on Coronary Blood Flow and Revascularization Outcomes after Percutaneous Coronary Intervention in Acute STEMI Patients* (20 from 20)
- 2012-2016 Cardiology Residency (Board Certified-rank one), Isfahan University of Medical sciences, Isfahan, Iran.  
Thesis: *The impact of health-related quality of life on the incidence of ischaemic heart disease and stroke; a cohort study in an Iranian population* (20 from 20)
- 2004-2012 Doctorate of Medicine, Shahid Sadoughi University of Medical Sciences, Yazd, Iran.  
Thesis: *The effects of Acrylamide on sperm parameters and membrane integrity of epididymal spermatozoa in mice* (20 from 20)

## Awards and Honors

- 2021 Graphical Abstract **Finalist**, Sydney 2021 Cardiovascular Symposium. Sydney, Australia.
- 2016 Top Graduate of Cardiovascular Medicine – **Ranked one** in cardiovascular specialty board exam in Iran.
- 2012 Top Student of Iran in Medicine (MD degree); *awarded by president of Iran.*
- 2011-2012 Top Student of Shahid Sadoughi University of Medical Sciences in Medicine (MD degree).
- 2010-2011 Top Student Researcher, Shahid Sadoughi University of Medical Sciences, Yazd, Iran.
- 2010 Top Student of Shahid Sadoughi University of Medical Sciences in Medicine Olympiad.
- 2010 Third place in pre-internship exam (45<sup>th</sup> national exam) in Shahid Sadoughi University of Medical Sciences.
- 2010 Poster presentation award, The 11th Annual Congress of Researchers of Iranian Medical Students, Bandar Abbas, Iran.

- 2010 Oral presentation award, The 2nd Scientific Research Conference of Student Research Committees Network Center, Rafsanjan, Iran.
- 2009 Oral presentation award, 4th Yazd International Congress and Student Award in Reproductive Medicine, Yazd, Iran.
- 2009 Top researcher, second annual research conference of students of Shahid Sadoughi University of Medical Sciences in Yazd, Iran.

### **International Positions and Memberships**

- 2020 - Present Member of *European Association of Percutaneous Cardiovascular Intervention (EAPCI)*, **European Society of Cardiology**.
- 2020 - Present Member of *European Association of Preventive Cardiology (EAPC)*, **European Society of Cardiology**.
- 2020 - Present Member of *ESC Council Hypertension*, **European Society of Cardiology**.
- 2020 - Present Member of *European Association of Cardiovascular Imaging (EACVI)*, **European Society of Cardiology**.
- 2020 - Present Member of *Association for Acute Cardiovascular Care (ACVC)*, **European Society of Cardiology**.
- 2016 – Present Collaborator/Investigator for **Euro observational Research Programme (EORP):** Chronic Ischemic Cardiovascular Diseases (CICD) Long Term Registry.

### **National Positions and Memberships**

- 2021 - Present **Deputy** of *Cardiology Department*, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2020 - Present Member of *Research Council of Cardiology Department*, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2018 - Present Member and **Head** of *Interventional Cardiology Research Center*, Isfahan Cardiovascular Research Institute, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2018- Present Member of *Educational Council of Cardiology Department*, Isfahan University of Medical Sciences, Isfahan, Iran.

- 2016- Present      Member of *Cardiac Rehabilitation Research Center*, Cardiovascular Research Institute, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2016 - Present      Member of *Hypertension Research Center*, Isfahan Cardiovascular Research Institute, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2016                  Member of *Heart Failure Research Center*, Isfahan Cardiovascular Research Institute, Isfahan University of Medical Sciences, Isfahan, Iran.
- 2010 – 2016        Member of *National Elite Foundation* in Iran.
- 2010                  **Head** of *Student Research Committee* (School of Medicine branch), Shahid Sadoughi University of Medical Sciences, Yazd, Iran.
- 2006 – 2010        Member of *Student Research Committee* (School of Medicine branch), Shahid Sadoughi University of Medical Sciences, Yazd, Iran.

### **Journals' Editorial**

- 2017 – Present      Editorial section member of *Arya Atherosclerosis Journal* ([www.arya.mui.ac.ir/](http://www.arya.mui.ac.ir/)) Publish in English/ ISI, Scopus, Pubmed Index.
- 2017 – Present      Editorial section member of *Journal of Isfahan Medical School* ([www.jims.mui.ac.ir/](http://www.jims.mui.ac.ir/)) Publish in Persian/ Scopus Index.
- 2017 – 2019        Editorial section member of *International Journal of Preventive Medicine* ([www.ijpvmjournal.net/](http://www.ijpvmjournal.net/)) Publish in English/ ISI, Scopus, Pubmed Index.

### **Reviewer of Journals**

- 2022 – Present      Medical science Monitor/ ISI, Scopus, Pubmed and Embase Index.
- 2021 – Present      Journal of Clinical Medicine/ ISI, Scopus, Pubmed and Embase Index.
- 2021 – Present      Annals of Transplantation/ ISI, Scopus, Pubmed and Embase Index.
- 2021 – Present      Risk Management and Healthcare Policy/ ESCI, Scopus,

	Pubmed and Embase Index.
2021 – Present	Open Access Emergency Medicine/ ESCI, Scopus, Pubmed and Embase Index.
2021 – Present	Journal of Inflammation Research/ ISI, Scopus, Pubmed and Embase Index.
2021 – Present	American Journal of Case reports/ ESCI, Scopus, Pubmed and Embase Index.
2021 – Present	Journal of International Medical Research/ ISI, Scopus, Pubmed Index.
2021 – Present	Polish Archives of Internal Medicine/ ISI, Scopus, Pubmed Index.
2020 – Present	Dermatologic Therapy/ISI, Scopus, Pubmed Index.
2020 – Present	Advanced Biomedical Research Journal/Scopus, Pubmed Index.
2019 – Present	Acta Cardiologica Sinica/ISI, Scopus, Pubmed Index.
2019 – Present	Journal of Preventive Medicine and Hygiene/Scopus, Pubmed Index.
2017 – Present	Journal of Research in Medical Sciences/ISI, Scopus, Pubmed Index.
2017 – Present	International Journal of Preventive Medicine/ISI, Scopus, Pubmed Index.
2017 – Present	Journal of Isfahan Medical School/Scopus Index.
2017 – Present	Arya Atherosclerosis/ISI, Scopus, Pubmed Index.

## **Research Interests**

1. **Cardiovascular Medicine** (Preventive Cardiology, Interventional Cardiology, General Cardiology)
2. Infertility (in general medical practitioner)
3. Pain and Orthopedics Sciences (in general medical practitioner)
4. Education (in general medical practitioner)

## **Publications**

### **A) Chapters in Books and Books/Guidelines**

1. Textbook of Pathophysiology Cardiovascular Diseases. Medical Faculty of Isfahan University of Medical Sciences; 2018. [In Persian language].
2. Cooperation in Persian Hypertension Guideline preparing /last edition-2021/In press.

### **B) Peer-Reviewed Journal Publication**

#### **Google Scholar link:**

[https://scholar.google.com/citations?user=WAhG\\_AAAAAJ&hl=en](https://scholar.google.com/citations?user=WAhG_AAAAAJ&hl=en)

Underline names: Corresponding author.

1. Roghani-Dehkordi F, Farazandeh F, **Kermani-Alghoraishi M**, Khosravi A. Comparison of pain severity, satisfaction, and complications of proximal and distal forearm anesthesia in patients undergoing trans-palmar coronary angiography. **Anatolian Journal of Cardiology**. 2022; 26: 37-42.
2. **Kermani-Alghoraishi M**, Pouramini A, Kafi F, Khosravi A. Coronavirus disease 2019 (COVID-19) and severe pericardial effusion: from pathogenesis to management: a case report based systematic review. **Current Problems in Cardiology**. 2021 Jul 24 : 100933. doi: 10.1016/j.cpcardiol.2021.100933 [Epub ahead of print]
3. Shahabi J, Askari M, Azhari A, **Kermani-Alghoraishi M**. The survey of electrophysiology lab activity during the COVID-19 pandemic. **Journal of Arrhythmia**. 2021;37:899-903.
4. **Kermani-Alghoraishi M**, Shirvani E, Khosravi A, Roghani-Dehkordi F, Shemirani H, Farshidi H, et al. Survey of coronary catheterization laboratory activity in Iran during the coronavirus disease-2019 pandemic. **ARYA Atherosclerosis**. 2021; 17: 2320.
5. **Kermani-Alghoraishi M**. A Review of Coronary Artery Thrombosis: A New Challenging Finding in COVID-19 Patients and ST-elevation Myocardial Infarction. **Current Problems in Cardiology**. 2021;46:100744.

6. Roghani-Dehkordi F, Zangeneh E, **Kermani-Alghoraishi M**. Manual versus mechanical compression hemostasis approach after coronary angiography via snuffbox access. **Anatolian Journal of Cardiology**. 2021; 25: 177-8.
7. **Kermani-Alghoraishi M**, Ghahramani R. A Review of Venous Thromboembolism Phenomena in COVID-19 Patients. **Current Problems in Cardiology**. 2021;46:100692.
8. Roghani-Dehkordi F, Kasiri R, **Kermani-Alghoraishi M**, Akbari M. What is the preferred hemostasis method for coronary angiography through the palmar artery access? **Cardiovascular Intervention and Therapeutics**. 2020. Epub ahead of print.
9. **Kermani-Alghoraishi M**, Roohafza HR, Ghahramani R, Talaei M, Sarrafzadegan N, **Sadeghi M**. Association of Prolong PR and QTC Intervals with Cardiovascular Events and Mortality: The Isfahan Cohort Study. **Biomedical Journal of Scientific & Technical Research**. 2020; 29 (5): 22777-82.
10. **Kermani-Alghoraishi M**. Rescue PCI for Left Main Coronary Artery in a Patient with Coronary Stent Loss. **Romanian Journal of Cardiology**. 2020;30 (3) 1-2.
11. Ghahramani R, **Kermani-Alghoraishi M**, Roohafza HR, Bahrani S, Talaei M, Sarrafzadegan N, **Sadeghi M**. The Association between Occupational Categories and its Positions with Cardiovascular Events; A cohort study in Iranian male population. **International Journal of Occupational and Environmental Medicine**. 2020;11:179-187.
12. Roghani-Dehkordi F, Riazi A, Shafie D, **Kermani-Alghoraishi M**, Khosravi A, **Sadeghi M**, Vakhshoori M. Trans-snuff box approach as a new access site for coronary angiography and angioplasty versus trans-radial approach in terms of feasibility, safety and complications. **ARYA Atherosclerosis**. 2020; 16(6): 263-8.
13. Ghahramani R, Aghilinejad M, **Kermani-Alghoraishi M**, Roohafza H, Talaei M, Sarrafzadegan N, **Sadeghi M**. Occupational categories and cardiovascular diseases incidences; A cohort study in Iranian population. **Journal of Preventive Medicine and Hygiene**. 2020; 61(2): E290-E295.
14. Khosravi A, **Kermani-Alghoraishi M**, Pourmoghadas M. Thrombose in Normal Ascending Aorta: Presented with Simultaneous Acute Myocardial Infarction and Left Upper Limb Ischemia. **Acta Cariologica Sinica**. 2020; 36(4): 382-385.
15. Roghani-Dehkordi F, **Kermani-Alghoraishi M**, Heshmat-Ghahdarjani. Cross over from radial access to ipsilateral ulnar artery after sheath insertion into radial artery.

**Kardiologica Polska.** 2020; 78(4): 325-327.

16. Roghani-Dehkordi F, Hosseinzadeh H, **Kermani-Alghoraishi M**, Khosravi A, Vakhshoori M, Sadeghi M, Danesh M, Sadeghi N, Sahfie D. The transulnar approach in the patients with ipsilateral radial artery occlusion. **ARYA Atherosclerosis.** 2020; 16(1): 33-8.
17. Ghazal A, Shemirani H, Amirpour A, **Kermani-Alghoraishi M**. The effect of intracoronary versus intralesional injection of eptifibatide on myocardial perfusion outcomes during primary percutaneous coronary intervention in acute ST-segment elevation myocardial infarction; A randomized clinical trial study. **ARYA Atherosclerosis.** 2019; 15(2): 67–73.
18. Roghani-Dehkordi F, Mansouri R, Khosravi A, Mahaki B, Akbarzadeh M, **Kermani-Alghoraishi M**. Transulnar versus transradial approach for coronary angiography and angioplasty: Considering their complications. **ARYA Atherosclerosis.** 2018; 14(3): 128-31.
19. Tajik N, Zargaran A, **Kermani-Alghoraishi M**. The heart in embryology. **European Heart Journal.** 2018; 39(3): 191-192.
20. Dadjou Y, **Kermani-Alghoraishi M**, Sadeghi M, Talaei M, Yousefy A, Oveisgharan S, Roohafza H, Rabiei K, Sarrafzadegan N. The impact of health-related quality of life on the incidence of ischaemic heart disease and stroke; a cohort study in an Iranian population. **Acta Cardiologica.** 2016; 71(2): 221-6.
21. Pourmoghaddas A, Dormiani-Tabatabaei M, Sadeghi M, **Kermani-Alghoraishi M**, Golshahi J, Shokouh P. The effect of pioglitazone on circulating interleukin-10 and tumor necrosis factor-alpha levels in a patient with metabolic syndrome: A randomized, double-blind controlled trial. **ARYA Atherosclerosis.** 2015; 11(1): 36-42.
22. Ghazal A, Roghani F, Sadeghi M, Amra B, **Kermani-Alghoraishi M**. Obstructive sleep apnea, diagnosed by the Berlin questionnaire and association with coronary artery disease severity. **ARYA Atherosclerosis.** 2015; 11(5): 275-80.
23. Abrisham SM, Ghahramani R, Heiranizadeh N, **Kermani-Alghoraishi M**, Ayatollahi V, Pahlavanhosseini H. Reduced morphine consumption and pain severity with transdermal fentanyl patches following total knee arthroplasty. **Knee Surgery, Sports Traumatology, Arthroscopy Journal.** 2014; 22(7): 1580-4.
24. Hosseini H, Abrisham SM, Jomeh H, **Kermani-Alghoraishi M**, Ghahramani R, Mozayan MR. The comparison of intraarticular morphine-bupivacaine and tramadol-bupivacaine in postoperative analgesia after arthroscopic anterior cruciate ligament



reconstruction. **Knee Surgery, Sports Traumatology, Arthroscopy Journal**. 2012; 20: 1839-1844.

25. Abrisham SM, **Kermani-Alghoraishi M**, Ghahramani R, Jabbari L, Jomeh H, Zare M. Additive effects of low-level laser therapy with exercise on subacromial syndrome: a randomised, double-blind, controlled trial. **Clinical Rheumatology**. 2011; 30: 1341-1346.
26. Shiryazdi SM, Modir A, Benrazavi S, Moosavi N, **Kermani-Alghoraishi M**, Ghahramani R. Causes of delay in proper treatment of patients with undescended testis. **Iranian Journal of Reproductive Medicine**. 2011; 9: 37-40.
27. **Kermani-Alghoraishi M**, Anvari M, Talebi AR, Amini-Rad O, Ghahramani R, Miresmaili SM. The effects of Acrylamide on sperm parameters and membrane integrity of epididymal spermatozoa in mice. **European Journal of Obstetrics and Gynecology and Reproductive Biology**. 2010; 153: 52-55.
28. Pishgahi A, Dareshiri Sh, Bagher Owlia MB, Halvani A, Salman Roghani H, Aghili H, **Kermani Alqureyshi M**, Lotfi MH. The effect of active learning method on stability of information and satisfaction of physiopathology students in Yazd University of Medical Sciences. **Iranian Journal of Medical Education**. 2010; 9: 208-215.
29. Shiryazdi SM, Ghahramani R, **Kermani-Alghoraishi M**. a case report of isolated rupture of the third part of the duodenum due to blunt abdominal trauma. **Iranian Journal of Surgery**. 2011; 19: 72-76.
30. Salman-Roghani H, **Kermani-Alghoraishi M**, Dehghan A, Salman-Roghani R, Ghahramani R. Severe Active Ulcerative Colitis and Resistance to Intravenous Hydrocortisone Therapy: Successful Treatment with Methylprednisolone Pulse Therapy. **Govaresh**. 2010; 15: 48-54.

\*\*\* I am also one of the collaborators in ***EORP Chronic Ischemic Cardiovascular Disease Registry (CICD investigator group)*** and my name is mentioned in following articles:

1. Komajda M, Cosentino F, Ferrari R, Laroche C, Maggioni A, Steg PG, Tavazzi L, Kerneis M, Valgimigli M, Gale CP; **CICD investigators group**. Cohort profile The ESC EORP Chronic Ischemic Cardiovascular Disease Long- Term (CICD LT) registry. **Eur Heart J Qual Care Clin Outcomes**. 2019;11. pii: qcz057. doi: 10.1093/ehjqcco/qcz057.
2. Komajda M, Cosentino F, Ferrari R, Kerneis M, Kosmachova E, Laroche C,

Maggioni AP, Rittger H, Steg PG, Szwed H, Tavazzi L, Valgimigli M, Gale CP; **CICD investigators group**. Profile and treatment of chronic coronary syndromes in European Society of Cardiology member countries: The ESC EORP CICD- LT registry. **Eur J Prev Cardiol.** 2020; 31: 2047487320912491. doi: 10.1177/2047487320912491.

### **C) Submitted Peer-Reviewed Manuscripts (In Progress)**

1. Amirpour A, **Kermani-Alghoraishi M**, Sattar F, Roohafza HR, Shahabi J, Zavar R, Sadeghi M. The relationship between opioid addiction and PCI angiographic results in STEMI patients undergoing emergency coronary angioplasty.
2. Sanei H, Heshmat-Ghahdarijani K, Asadi A, **Kermani-Alghoraishi M**, Safaei A, Sadeghi A. The effect of High dose Allopurinol Pretreatment on inflammatory biomarkers and Post-Revascularization Coronary Blood Flow in Non-STEMI Patients: A Randomized Double Blind Clinical Trial.
3. **Kermani-Alghoraishi M**, Sanei H, Heshmat-Ghahdarijani K, Sadeghi M. Impact of Allopurinol Pretreatment on Coronary Blood Flow and Revascularization Outcomes after Percutaneous Coronary Intervention in Acute STEMI Patients: A Randomized Double blind Clinical Trial.
4. Gobadi F, Soleimani A, **Kermani-Alghoraishi M**, Safaei A, Jamalian M, Sadeghi M. Analysis of traditional risk factors on ST-segment elevation myocardial infarction characteristics.
5. Sadeghi M, **Kermani-Alghoraishi M**, Khosravi A, Amerizadeh F, Sadeghi M. Effect of Ticagrelor monotherapy after 3-months dual antiplatelet therapy (DAPT) on cardiac death and bleeding in diabetics and non-diabetics: A systematic review and meta-analysis
6. Salesi R, **Kermani-Alghoraishi M**, Sadeghi A, Roohafza H, Talaei M, Sarrafzadegan N, Sadeghi M. Body Weight Changes and Incident Diabetes Mellitus: A Cohort Study from The Middle East.

### **D) Research Grants**

- Collaborating in “Development of national clinical practice guidelines for the Management and Treatment of Acute Coronary Syndromes (Hakami GRANT)”/National grant/Last status: Under supervision

## **E) International Seminar/Webinar Presentations, Attendance and Submission**

12/09/2021 – 12/10/2021	COVID-19 and Pericardial Effusion. Graphical Abstract <u>Finalist</u> . Sydney 2021 Cardiovascular Symposium. Sydney, Australia.
10/25/2021 – 10/26/2021	A review of coronary artery thrombosis: A new challenging finding in COVID-19 patients and ST-elevation myocardial infarction. International Congress on Advances in Clinical Research and Trials 2021. webinar presentation, Vancouver, Canada.
10/08/2021– 10/09/2021	AICT-AsiaPCR 2021. Digital Experience.
08/27/2021– 08/30/2021	ESC 2021. Digital Experience.
05/18/2021– 05/20/2021	Euro PCR 2021. Paris, France.
03/12/2021– 03/12/2021	Virtual CTO Course. TOBI IRAN 2021.
11/03/2020 – 11/06/2020	Prevention Hypertension. 12 <sup>th</sup> Middle East Cardiovascular Congress and 5 <sup>th</sup> Congress of Clinical Cases in Complex Cardiovascular Therapeutics. Shiraz, Iran.
05/21/2019 – 05/24/2019	Thrombosis in Normal Ascending Aorta: Presented with Simultaneous Acute Myocardial Infarction and Left Upper Limb Ischemia (Presented by A. Khoaravi). Euro PCR 2019. Paris, France.
10/21/2014 – 10/23/2014	The Effects of Pioglitazone on Inflammatory Status (Presented by A. Pourmoghadas). International Congress of Cardiac Rehabilitation from Research to Practice. Isfahan, Iran.
04/15/2011 – 04/17/2011	The effects of Acrylamide on sperm parameters and membrane integrity of epididymal spermatozoa in mice. 20th European Students Conference. Berlin, Germany.
10/4/2009 – 10/7/2009	4th Yazd International Congress and Student Award in Reproductive Medicine, Yazd, Iran, (Award Winner).
03/16/2011 – 03/20/2011	Additive effects of low-level laser therapy with exercise on subacromial syndrome. 7th Leiden International Medical Student Conference. Leiden, the Netherlands.
03/16/2011 – 03/20/2011	The comparison of intraarticular morphine-bupivacaine and tramadol-bupivacaine in postoperative analgesia after arthroscopic anterior cruciate ligament reconstruction. 7th Leiden International Medical Student Conference. Leiden,

the Netherlands.

02/21/2011 – 02/24/2011 A case report of isolated duodenal rupture due to blunt abdominal trauma in Yazd, central Iran. 2nd International Conference Trauma Management, Critical Care and Prevention. Dubai, United Arab Emirates.

- Published articles in Iranian conference proceedings and abstracts: 8 titles.

#### **F) Others**

- **CME presentation** in more than 30 conferences in Iran between 2017 to present.
- **Attendance** in 27 CME conferences in Iran between 2017 to present.