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Dr. Azin Alizadehasl

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Curriculum Vitae



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## General Personal Information



Azin Alizadehasl, MD, FACC, FASE

Professor of Cardiology,

Echo-Cardiologist, Cardio-Oncologist,

Head of Cardio-Oncology Department & Research Center,

Rajaie Cardiovascular Medical & Research Center, Tehran, Iran.

Tel: +98(21)23922190,

[Email: alizadeasl@gmail.com](mailto:alizadeasl@gmail.com)

Orcid ID: 0000000285501378

<http://cardionco.com>

## **Fields of Interest:**

- **Echocardiography and Cardio-Oncology** which I am highly interested in.
- Cardiac Imaging
- Adult Congenital Heart disease
- Cardiomyopathy and Valvular Heart disease,
- Ischemic Heart Disease
- Medical Engineering

## **Skills:**

1. **SPSS 18.0 for Windows statistical package.**
2. **ICDL Certificate in:**
3. **Microsoft Excel;**
4. **Microsoft PowerPoint;**
5. **Microsoft Word.**
6. **Microsoft Outlook**
7. **Search on Internet**
8. **Clinical Trial**
9. **systematic review writing**
10. **Artificial intelligence**

## **Education:**

- General medicine, Tabriz University of Medical Sciences, Tabriz –Iran (1993-2000)
- Iranian Permanent Medical Certification License (December 2000)
- Board certified in cardiology, Iran and Tabriz University of Medical Sciences, Tabriz-Iran (2002-2006)
- Research Program education Course, Tabriz University of Medical Sciences, Tabriz, Iran (3 months Period, May-Jul 2010)
- Fellowship of “Medical Education”, Tabriz University of Medical Sciences, Tabriz, Iran (Sep 2010- Mar 2011)
- MRI educational course (in 3 months period, Tehran University of medical science, Tehran, Iran (Dec 2010- Mar 2011)
- Fellowship of echocardiography, Tehran University of medical science, Tehran, Iran (2011- 2012)
- Medical faculty member, Tabriz University of Medical Sciences, Tabriz, Iran (2007-2012).
- Medical faculty member, Iran University of Medical Sciences, Tehran, Iran (2012-now).
- Two short courses of ECHOCARDIOGRAPHY education in **METHODIST HOSPITAL, HOUSTON, USA**
- Cardio-Oncology 1 year observership Course, Canada, Toronto, March 2018-2019 (**TORONTO GENERAL HOSPITAL**)
- **Two months educational course in MD-Anderson Center , Houston; 2019.**
- Educational Course of Blood Transfusion.(2019)
- Near 10 CMEs of “Cardiotoxicity” and other cardio-Oncology related fielded topics from **USA Rush University**
- **Mitral Clip Course, Dubai, 2020**
- **Certificate of attendance «Up-To-Date 4D Echocardiography / Intensive hands-on 4D TTE & TOE Echo Course»**

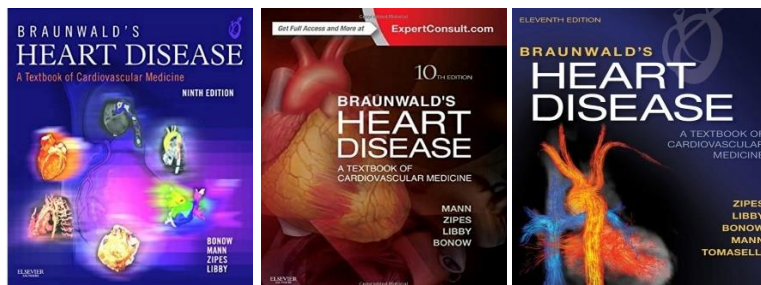
## **Honors/Achievements:**

1. Associated editor. Multidisciplinary Cardiovascular Annals
2. Associated editor of Archive of Cardiovascular Imaging journal.
3. Member of Iranian National Elite Foundation.
4. Member of editorial board of "Journal of Cardiovascular and Thoracic Research"(Tabriz University of Medical Sciences Pubmed journal). From March 2009 to present.
5. Member of editorial board of "Indian Heart Journal" PubMed
6. Member of editorial board of "International Journal of medical science and public health" (IJMSPH)
7. Member of editorial board of "EC Cardiology Journal".
8. Fellowship of American society of echocardiography (FASE) from June, 2014.
9. Fellowship of American College of Cardiology (FACC) from (Feb 1, 2013)
10. Ranked 2rd (Silver Medal) in world Olympiad of Chemistry in ITALY (February 1992)
11. Ranked 2rd in medical students who graduated in Tabriz University of Medical Sciences (September 2000)
12. Ranked fourth in 25<sup>th</sup> Iranian Pre-internship exam in (February 1999)
13. Having the best Thesis in Tabriz University of medical science in (2006)
14. Ranked 3th in Cardiovascular Residency Program Exam- IRAN, (2002)
15. Ranked as first 10% of Iranian Cardiology Board exam, (2006)
16. My name is mentioned in acknowledgement of Braunwald Heart disease 2011 (textbook of cardiology).
17. Research grant (200000000 Rial) receipt from National Elite Foundation.
18. Best researcher of medical faculty of Tabriz University of medical science (2009-2010)
19. Supervisor of invention with title: New cardiac pace maker based on heart sounds.
20. Reviewer of all Springer journals.
21. Author and editor of international book with name of "Comprehensive Approach to Adult Congenital Heart Disease" Springer Publishing Company.
22. Author and editor of international book with name of "Color Atlas of Cardiology-Challenging Cases" Jaypee Publishing Company.
23. My name is mentioned in acknowledgement of Braunwald Heart disease 2015 ((textbook of cardiology)) again.

24. Author and editor of international book with name of “Case Based Echocardiography” Springer Publishing Company.
25. Author and editor of international book with name of “Practical Cardiology” Elsevier Publishing Company 2022.
26. Member of ASE Guidelines and Standards Committee.
27. Elsevier publishing company official reviewer.
28. Elected researcher of the year, 3000 \$ award, 2018.
29. paper has been recognized as one of the most read in Echocardiography, WILEY, 2018-2019



30. Member of editorial board of "Anatolian Journal Of the Cardiology"
31. Member of editorial board of "Platinum Journals"
32. Research Associate, Department of Echocardiography.
33. Member at Large On "ASE's Guidelines & Standards Committee"
34. Member of editorial board of "International Journal of Medical Science and Public Heart (IJMSPH)"
35. My name is mentioned in acknowledgement of Braunwald Heart disease 2018 (textbook of cardiology) for 3ed time.



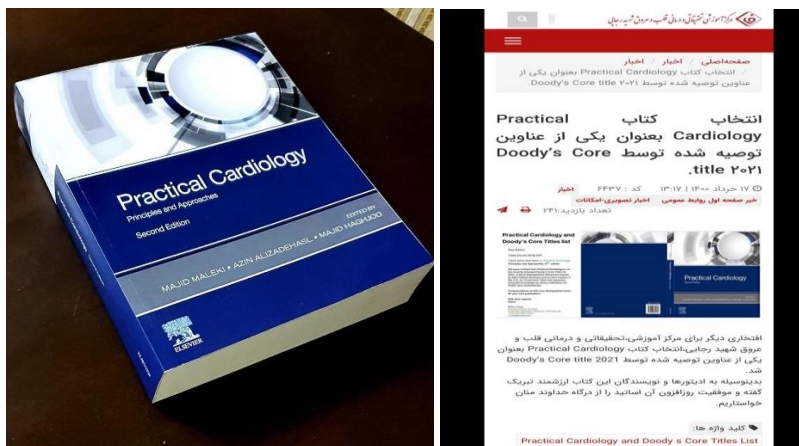


36. New book with Cambridge publishing company with name of “Practical Cardiology Review: A Self Assessment Tool” (Author and Editor).
37. Constitution the first DEPARTMENT of Cardio-Oncology in IRAN.
38. Constitution the first RESEARCH CENTER of Cardio-Oncology in IRAN.
39. Member of ACC Accreditation and Compliance Work Committee.
40. Member of ACC Cardio-Oncology and Cardiac Imaging sections.
41. Member of Fellowship selection exam Committee in Iran.
42. Gratefully accepted your innovative idea with name of Dilution the saliva by Nanotechnology Agents During Trans-esophageal Echocardiography.ACC19
43. Practical Cardiology (Elsevier Company) and Practical Cardiology Review: A Self Assessment Tool (Cambridge Company) are references for Iranian National Cardiology Board exam
44. Member of Cardiovascular Academy Society
45. Head of Cardio-Oncology Department & Research Center
46. Member of ESC ( European Society of Cardiology )
47. Initiation of Cardio-Oncology 6 months educational course in Rajaie Heart Center and Emam khomeini cancer center
48. Attending in Euro-Cardio Toxicity program
49. Initiation of Cardio-Oncology Branch of cardiovascular society
50. Managing editor of Iranian Heart Journal
51. Approved contract with Elsevier publishing company for second edition of “Practical Cardiology”: principles and approaches.
52. Member of Accreditation Compliance Work-Group if ACC
53. Innovation in CV Imaging Featured article. ACC Website.
54. Member of editorial board of "Oncology Case Reports"
55. My paper (persistence of pacemaker lead...) is top downloaded paper 2018-2019 in Wiley publishing company, echocardiography journal. (Persistence a pacemaker lead-like “ghost” 6 months lead extraction.
56. Member of Echocardiography and imaging fellowship entrance exam in Iran University of medical science.
57. 1 year Cardio-Oncology observership Course, Canada, Toronto, 1 year, March 2018- March 2019
58. Member of international Society of Cardio-Oncology (ISCO)

59. Acceptance of LV dyssynchrony in Cardiotoxicity as an **INNOVATION**.

60. International CERTIFICATE OF FUNDER OF CARDIO ONCOLOGY IN IRAN.

61. The second edition of “ Practical Cardiology” was selected in “ Doody Core Titles” and all of libraries in USA “must have” this book.



62. So good review and editorial for “ second edition of Practical Cardiology “ by editor in chief of “Perfusion Journal”.

63. Reviewer of “trends-in-cardiovascular-medicine” journal (IF 5).

64. **Nominated for 2022 woman of Inspiration awards**

Subject: CONGRATULATIONS! You have Been Nominated for 2022 Women of Inspiration Awards  
To: [alizadehasi.azin@gmail.com](mailto:alizadehasi.azin@gmail.com)  
<[alizadehasi.azin@gmail.com](mailto:alizadehasi.azin@gmail.com)>  
CC: [alizadehasi.azin@gmail.com](mailto:alizadehasi.azin@gmail.com)  
<[alizadehasi.azin@gmail.com](mailto:alizadehasi.azin@gmail.com)>

Dear Azin (Medicine)  
Congratulations on your Nomination as a Woman of Inspiration. The Universal Womens Network™ recognizes the achievements of women through the Woman of Inspiration™ Awards in diverse industries, making an impact in their workplace, community, network  
You were nominated by Azin alizadehasi, who believes you are an extraordinary woman that leads by example and inspires those around you to do more and be more.  
View your Nomination [here](#). To help you celebrate, we have created a 2022 Women of Inspiration™ Nominee Logo, Email Signature and Social Media Announcements for you to share.

Once again, congratulations and welcome aboard this fantastic nomination journey. It is my honour and my privilege to get to know you and learn about your accomplishments. Watch your inbox for emails. I will continue to be in touch with exciting details about our Women of Inspiration™ Awards!

We look forward to having you part of this epic journey with us!

Dream big,  
Monica Kretschmer - Founder and CEO,  
Universal Womens Network

Nic Rajoria - Admin, SupportHER  
E: [admin@universalwomensnetwork.com](mailto:admin@universalwomensnetwork.com) |  
W: [www.universalwomensnetwork.com](http://www.universalwomensnetwork.com)

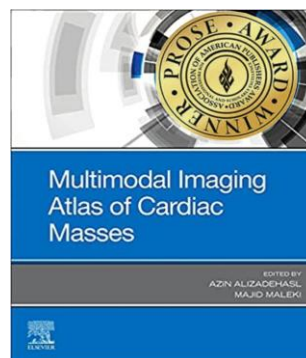


65. A polypill : a drug product in pill form (Carvedilol, Lisinopril, Atorvastatine and Aldactone) or prevention of Cardiotoxicity (accepted in ACC 2019)

66. Certificate of Best Paper Award :Automatic Myocardial Segmentation in 4 Chamber View Echocardiography Images, In the First National Meeting on Artificial Intelligence in Medical Imaging, held in Tehran/IRAN on Nov 3-4, 2019.



67. Innovation: TEE probe surface modification by preventing adhesion of macromolecules ( Saliva) 2022.
68. The book: Multimodal Imaging Atlas of Cardiac Masses, has been nominated for Association of American Publisher Award.



69. oral presentation entitled: “Echo in TAVI” in the 14th Middle East Cardiovascular Congress and 7th Congress of Clinical Cases in Complex Cardiovascular Therapeutics held on 2-4 February, 2023 \_ Hybrid Congress\_ Shiraz, Iran.

Certificate of Appreciation

This Certificate is presented to: **Dr. Azin Altandehast**  
 For valued oral presentation entitled: "Echo in TAVI" in the 14<sup>th</sup> Middle East Cardiovascular Congress and  
 7<sup>th</sup> Congress of Clinical Cases in Complex Cardiovascular Therapeutics held on 2-4 February, 2023 -  
 Hybrid Congress, Shiraz, Iran. Indeed, your invaluable effort and participation leads to successful  
 management of this Congress.

Prof. M. J. Zibacenzhad  
 CHAIRMAN OF CONFERENCE

Dr. Alireza Abdi, Dr. Firoozeh Abtahi  
 SCIENTIFIC COMMITTEE



70. Member of Imaging group of International society of Cardio-Oncology

71. Editorial board of "Journal of Medical Case Studies (JMCS)"

72. Certificate of attendance «Up-To-Date 4D Echocardiography / Intensive hands-on 4D TTE & TOE Echo Course»

73. Certificate of attendance, This is to certify that ALIZADEHASI AZIN has been trained in 4D Echocardiography during the «Up-To-Date 4D Echocardiography / Intensive hands-on 4D TTE & TOE Echo Course», held on October 07-08, 2023 in Thessaloniki, Greece.

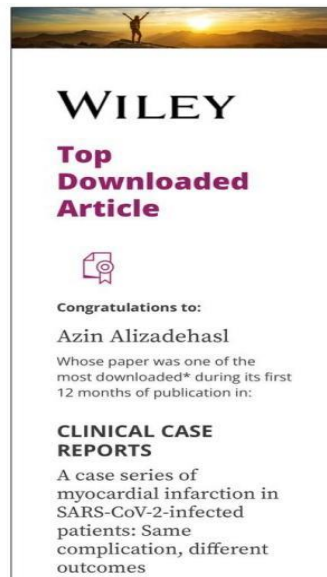


74. Member of scientific committee of international cancer genomix conference ( CGC 2023 and 2024)

75. CERTIFICATE OF RECOGNITION THE FOLLOWING AWARD IS GIVEN TO Azin Alizadehast, MD Women in Medicine Summit 2023



**76. Proudly Top downloaded article in wiley publishing company**

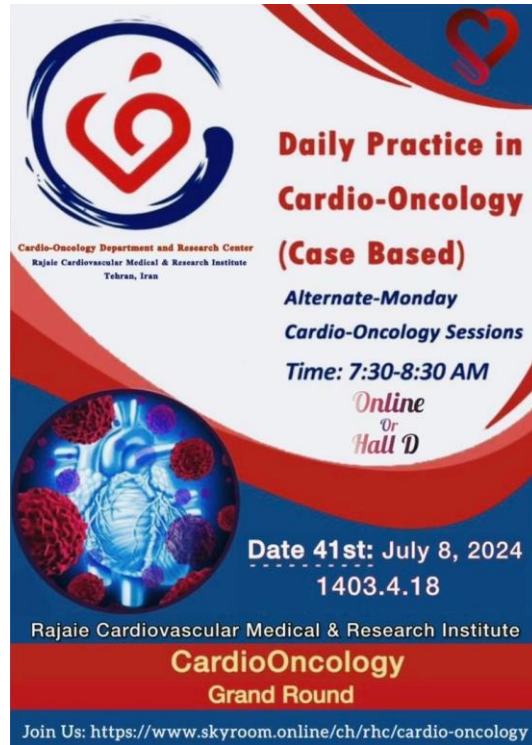


**77. Proudly joining to ACC global CardioOncology registry**

**78. Head of CardioOncology department and research center from 2017**

79. Associate Editor for Cardio-oncology section in Heart Views journal, the official journal of the Gulf Heart Association from 2024

80. Daily practice in CardioOncology (41 webinar) up to 8 July 2024



The poster features a logo at the top left consisting of a stylized heart in red and blue, enclosed in a circular blue swoosh. Below the logo, the text reads: "Cardio-Oncology Department and Research Center", "Rajaie Cardiovascular Medical & Research Institute", and "Tehran, Iran". To the right of the logo, the main title "Daily Practice in Cardio-Oncology" is written in bold red font, followed by "(Case Based)" in bold black font. Below the title, it says "Alternate-Monday Cardio-Oncology Sessions" and "Time: 7:30-8:30 AM". Further down, it indicates the session is available "Online Or Hall D". A circular inset image shows a human heart with red and blue highlights, surrounded by red and blue spheres. At the bottom left, it says "Rajaie Cardiovascular Medical & Research Institute". The bottom center features "CardioOncology Grand Round" in bold yellow and white text. At the bottom right, it says "Date 41st: July 8, 2024" and "1403.4.18". At the very bottom, it provides the URL: "Join Us: <https://www.skyroom.online/ch/rhc/cardio-oncology>".

Cardio-Oncology Department and Research Center  
Rajaie Cardiovascular Medical & Research Institute  
Tehran, Iran

**Daily Practice in Cardio-Oncology**  
**(Case Based)**  
*Alternate-Monday Cardio-Oncology Sessions*  
*Time: 7:30-8:30 AM*  
*Online Or Hall D*

Date 41st: July 8, 2024  
1403.4.18

Rajaie Cardiovascular Medical & Research Institute

**CardioOncology**  
**Grand Round**

Join Us: <https://www.skyroom.online/ch/rhc/cardio-oncology>

## 81. Honorly we are a part of IC-OS,



Liked by maryam\_ms87 and 33 others  
 icosociety 🌍 IC-OS Around The World

While we don't have an 🇮🇷 Iranian chapter, much work is being done to advance cardio-oncology in the country. Azin Alizadehasl, MD, FACC, FASE and team work tirelessly to treat cancer while protecting patients' hearts in Tehran and beyond, and we're thankful to have them as part of our global cardio-oncology community.

#cardioonc #iran #cardioonclogia  
 #cardiooncologia #heart #cancer #cardiology  
 #healthcareworkers

International CardioOncology Society

## 82. Head of Iranian association of CardioOncology



## 83. Member of Iranian national pre-board exam

## 84. Book writing workshop

مدیریت اطلاع رسانی پزشکی و منابع علمی  
معاونت تحقیقات و فناوری دانشگاه علوم پزشکی شهید صدوقی یزد برگزار می نماید



کارگاه آموزشی:  
**آشنایی با روند انتشار کتاب  
با ناشران بین المللی**

زمان: سه شنبه ۱۹ تیرماه ۱۴۰۳ ساعت ۱۲-۱  
نحوه برگزاری: مجازی از طریق اسکای روم  
<https://www.skyroom.online/ch/researchssu/research>  
نحوه شرکت و دریافت گواهی: ثبت نام از طریق لینک زیر و حضور کامل در کارگاه

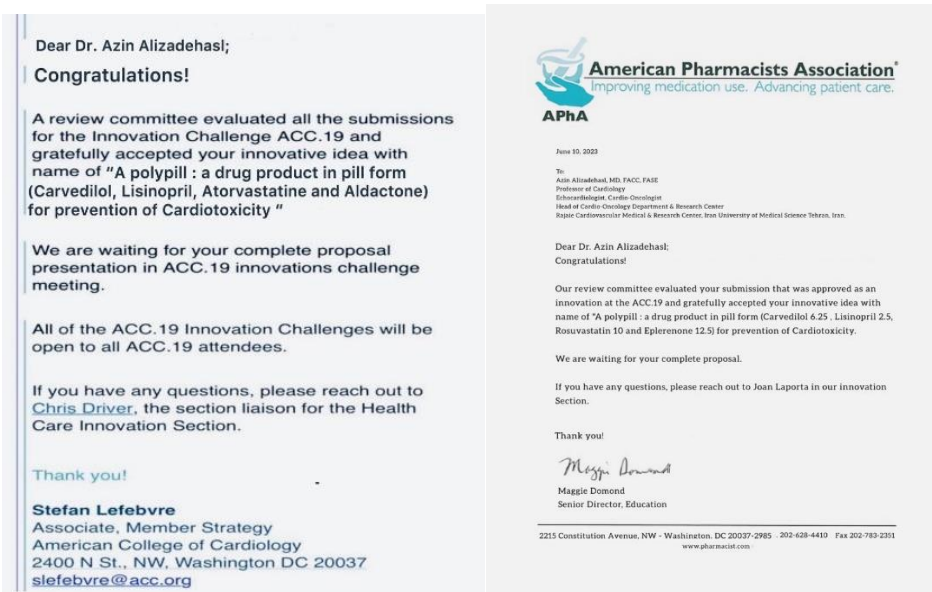


**مدرس:**  
**دکتر آذین علیزاده اصل**  
استاد قلب و عروق استسینو قلب و عروق شهید رجایی  
رئیس مرکز تحقیقات کار دیوفکولوژی  
رئیس انجمن کار دیوفکولوژی ایران  
مؤلف ۱۱ کتاب بین المللی



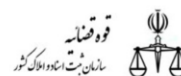
## Innovations:

1. Innovation in Echocardiography with name of “HOLTER ECHOCARDIOGRAPHY” with registration number of 13915014000304509.
2. Accepted innovation in ACC.19: “A polypill: a drug product in pill form (Carvedilol, Lisinopril, Atorvastatine and Aldactone) for prevention of Cardiotoxicity”



3. Method for making echocardiography probe hydrophobic through the esophagus using nanotechnology to prevent saliva from sticking

آذین علیزاده اصل



لیست اظهارنامه ها

ردیف	شماره اظهارنامه / کدرهگیری	عنوان اظهارنامه / پرونده	اداره	مالک/مالکین - درصد مالکیت	تاریخ ثبت	وضعیت
۱	۱۴۰۱۵۰۱۴۰۰۰۳۰۰۲۱۸۷	روش آنگریز کردن پروب اکوکاردیوگرافی از طریق نانو به منظور عدم	اداره اختراع	آذین علیزاده اصل مهران صولتی هاشمیان	۱۴۰۱/۰۳/۲۵ ۱۹:۵۹	در حال بررسی اولیه

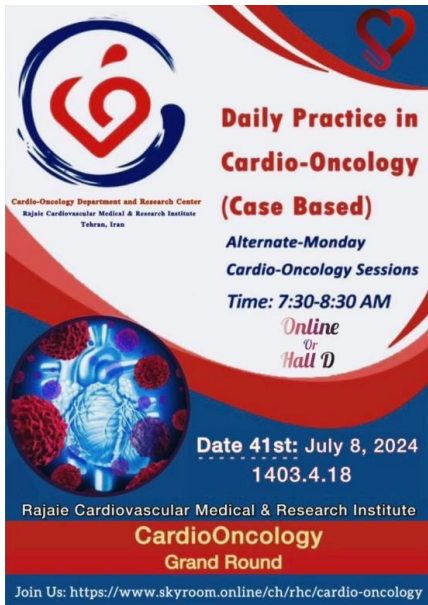
چسبندگی بزاق

## **Academic and Official Appointment:**

1. Faculty member of Madani Heart Center, Tabriz university of medical science, Tabriz, Iran (2007-2013)
2. Faculty member of Rajaie Rajaei Cardiovascular Medical and Research Center (RCMRC) Iran University of Medical Sciences, Tehran, Iran (2013-present).
3. Head of skill lab of Tabriz University of medical science from 2008 till 2012.
4. Deputy of education affairs in Cardiovascular Department (Faculty member of medicine, Tabriz University of Medical Sciences 2008-2011)
5. Deputy of research affairs in Cardiovascular Research Center (Tabriz University of Medical Sciences), 2007 to 2012.
6. Director of Clinical Skills Laboratory (Faculty of medicine, Tabriz University of Medical Sciences, 2008 to 2011)
7. Member of National Elite Foundation (بنیاد ملی نخبگان)
8. Member of academic council of National Elite Foundation
9. Member of Iranian Society of Echocardiography (ISE)
10. Member of American College of Cardiology (ACC)
11. Fellowship of American College of Cardiology (FACC) from (Feb 1, 2013)
12. Member of American Society of Echocardiography (ASE)
13. Fellowship of American Society of Echocardiography (FASE) from (Des 1, 2013)
14. Member of Iranian Heart Association (IHA)
15. Associated editor of Archive of Cardiovascular Imaging journal.
16. Member of editorial board of "Journal of Cardiovascular and Thoracic Research"(Tabriz University of Medical Sciences). From March 2009 to present.
17. Member of editorial board of "Indian Heart Journal"
18. Member of editorial board of "EC Cardiology Journal".
19. Author and editor of international book with name of "Color Atlas of Cardiology-Challenging Cases" Jaypee Publishing Company.
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21. Author and editor of book with name of "Practical Cardiology" Elsevier Publishing Company.
22. Author and editor of international book with name of "Case Based Echocardiography" Springer Publishing Company.
23. Member of ASE Guidelines and Standards Committee.
24. New book with Cambridge publishing company with name of " Practical Cardiology Review: A Self Assessment Tool (Author and Editor).
25. Cochrane Systematic Review Member.
26. Constitution the first DEPARTMENT of Cardio-Oncology in IRAN.
27. Constitution the first RESEARCH CENTER of Cardio-Oncology in IRAN.

28. Member of ACC Accreditation and Compliance Work Committee.
29. Member of ACC Cardio-Oncology and Cardiac Imaging sections.
30. Cardio-Oncology observership Course, Canada, Toronto, 1 year, March 2018- March 2019
31. Member of Cardiovascular Academy Society
32. Head of Cardio-Oncology Department & Research Center in Rajaie Heart Center
33. Member of Iranian cardiology fellowship exam.
34. Establish of first Cardio-Oncology research center in middle east in Rajaie Heart Center.
35. Acceptance of Cardio-Oncology registry in Iranian Network of Cardiovascular Research
36. Member of ESC (European Society of Cardiology )
37. Initiation of Cardio-Oncology 6 months educational course in Rajaie Heart Center and Emam khomeini cancer center
38. Initiation of Cardio-Oncology Branch of cardiovascular society
39. Managing editor of Iranian Heart Journal
40. Managing editor of American Journal of Clinical & Medical Images (AJCMI)
41. Member of editorial board of "Oncology Case Reports"
42. My paper (persistence of pacemaker lead...) is top downloaded paper 2018-2019 in Wiley publishing company, echocardiography journal. (Persistence a pacemaker lead-like "ghost" 6 months lead extraction.
43. Member of Echocardiography and imaging fellowship entrance exam in Iran university of medical science.
44. 1 year Cardio-Oncology observership Course, Canada, Toronto, 1 year, March 2018- March 2019
45. Member of international Society of Cardio-Oncology (ISCO)
46. Acceptance of LV dyssynchrony in Cardiotoxicity as an INNOVATION.
47. CERTIFICATE OF ISCO AS FUNDER OF CARDIO\_ONCOLOGY IN IRAN.
48. Certificate of presentation: On behalf of the entire committee members of the ISMRM Iranian Chapter First Annual Meeting, we want to thank you for your sincere collaboration with the scientific committee. We wish a bright future for the MRI of Iran with your continuous and loyal cooperation, 2022, IRANMRI, Interdisciplinary Teamwork for MR Quality Imaging
49. Member of Imaging group of International society of Cardio-Oncology
50. Editorial board of "Journal of Medical Case Studies (JMCS)"
51. Head of CardioOncology department and research center from 2017

52. Daily practice in CardioOncology (41 webinar) up to 8 july 2024



53. Honorly we are a part of ISCO



👍👍👍 Liked by maryam\_ms87 and 33 others  
icosociety 🌍 IC-OS Around The World

While we don't have an 🇮🇷 Iranian chapter, much work is being done to advance cardio-oncology in the country. Azin Alizadehasl, MD, FACC, FASE and team work tirelessly to treat cancer while protecting patients' hearts in Tehran and beyond, and we're thankful to have them as part of our global cardio-oncology community.

#cardioonc #iran #cardiooncologia  
#cardiooncologia #heart #cancer #cardiology  
#healthcareworkers

International CardioOncology Society

## 54. Head of Iranian association of CardioOncology



## 55. Member of Iranian national pre-board exam

## 56. Book writing workshop

مدیریت اطلاع رسانی پزشکی و منابع علمی  
معاونت تحقیقات و فناوری دانشگاه علوم پزشکی شهید صدوقی یزد برگزار می نماید

پژوهشگران، نویسندگان، ناشران  
شماره ۱۹  
معاونت تحقیقات و فناوری

**کارگاه آموزشی:**  
**آشنایی با روند انتشار کتاب**  
**با ناشران بین المللی**

زمان: سه شنبه ۱۹ تیرماه ۱۴۰۳ ساعت ۱۱-۱۲  
نحوه برگزاری: مجازی از طریق اسکای روم  
<https://www.skyroom.online/ch/researchssu/research>  
نحوه شرکت و دریافت گواهی: ثبت نام از طریق لینک زیر و حضور کامل در کارگاه

**مدرس:**  
**دکتر آذین علیزاده اصل**  
استاد قلب و عروق استیتو قلب و عروق شهید رجایی  
رئیس مرکز تحقیقات کار دیوفکولوژی  
رئیس انجمن کار دیوفکولوژی ایران  
مؤلف ۱۱ کتاب بین المللی

## Publications Overview

• h-Index = 19 (255 Documents, 1006 Citations by 968 documents) in SCOPUS citations; (available in URL: <https://www.scopus.com/authid/detail.uri?authorId=35098104800>)

• h-Index = 24 and i10-index = 45 (from 1902 citations) in Google Scholar citation tracking system (available in URL: <https://scholar.google.com/citations?user=6CoGZtcAAAAJ&hl=en>)

## Refereed Journal Articles:

- 1- All Springer journals
- 2- Anatolian Journal of Cardiology
- 3- Saudi Medical Journal
- 4- Medical Journal of Tabriz University of Medical Sciences
- 5- Medical Journal of Urmieh University of Medical Sciences
- 6- Research in Cardiovascular Medicine
- 7- Journal of Cardiovascular and Thoracic Research
- 8- Archives of Cardiovascular Imaging
- 9- Iranian Red Crescent Medical Journal
- 10- Teaching Experience
- 11- Pathophysiology of cardiovascular diseases for medical students, Tabriz University of Medical Sciences TIUMS, Tabriz, Iran
- 12- Education of medical students in clinic, Faculty of Medicine, Madani Heart Hospital, Tabriz University of Medical Sciences, Tabriz, Iran.
- 13- Education of cardiology residents and fellowships, Faculty of Medicine, Tabriz and Iran University of Medical Sciences.
- 14- Education of Echocardiography fellowships, Rajaie Cardiovascular center, Iran university of medical science, Tehran, Iran.
- 15- Also: OPD cardiology visit; Admitted patients cardiology visit; Transthoracic echocardiography; Transesophageal echocardiography; Stress echocardiography; STE echocardiography; Pre and post CRT implantation Echocardiography
- 16- BMC Cardiovascular Disorders

## Publications in peer-reviewed Journals:

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## Conference Presentations (International):

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5. Samadikhah J, Hakim H, Alizadehasl A, Azrfarin R, Ghaffari S. Pericardial involvement in first acute myocardial infarction. In: 14th congress of Iranian heart association in collaboration with British cardiac society. Nov. 23-26. 2004. Tehran, Iran.
6. Samadikhah J, Alizadehasl A, Hakim H, Azrfarin R, The clinicalsignificance and prognostic value of interaventricular conduction disturbance in acute myocardial infarction. In: 14th congress of Iranian heart association in collaboration with British cardiac society. Nov. 23-26. 2004. Tehran, Iran.
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30. Alizadehasl A. Echocardiography in emergency room. In: International congress of emergencies in Cardiology. 2 Feb 2014. Bandar Abbas. Iran.
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34. Toufan Tabrizi, Sadeghpour A, Sahebjam M, Alizadehasl A, Arjmand Shabestari A, Akhavian F. Multimodality Imaging: Opportunities & challenges (case based discussion)/ 18<sup>th</sup> international congress on cardiovascular updates. Tehran-iran.
35. Mohammad mostafa Ansari, Alizadehasl A. Does allopurinol have any benefit in heart failure patients without hyperucemia? European congress of Heart Failure. France, Paris, 2017
36. Mihaila S, Cucchini U, Marzaro A, Muraru D, Andras K, Altiok E, Vinereanu D, Sadeghpour A, Alizadehasl A, Badano LP, Becker M.. Fully automated measurements of left atrial volume are highly feasible and accurate compared to expert manual measurements: a comparative multi-center study using a novel automated analysis algorithm. ESC 2017
37. Alizadehasl A, Alizadeh Sani A, Marzban, Sadeghpour A. Chairperson in 5<sup>th</sup> Cardiovascular joint congress. 2017
38. Executive Secretary at the Advanced Echocardiography, Cardiac Ct, Cardiac MRI, Interventional Cardiac Imaging and Nuclear Imaging Symposium. Echocardiography Research Center of Rajae Hospital, November 17, 2016
39. The purpose of this letter is formally invite you to the Global heart congress 2018 17-19 2018
40. Multi-center, Multi-disciplinary Cardio-Oncology Data Registry. 6<sup>th</sup> International Iranian Heart Failure Summit. Tehran 9-11 May.2018
41. 1nd International Personalized Medicine Congress of Iran. (Speaker)
42. ICCU 2018. 11-14 Sep, Echocardiography session, invited speaker.
43. WCC General-GVA, Doubai, 5-8 December. 2018, Invited Speaker, Best management of a unique TB Pericarditis Case.
44. EuroEcho Imaging 2018. Milan, Italy. The effects of two types of resistance exercise on cardiac biomarkers and mechanics. Daryoush Saed, Anita Sadeghpour, Azin Alizadehasl.

45. International Personalized Medicine. Speaker: Personalized medicine in Cardio-Oncology; 2019; 13-15 Feb.
46. Left ventricle segmentation from ultrasound data using a novel deep learning based architecture. Poster presentation Confirmation at the 35<sup>th</sup> Iranian Congress of Radiology.
47. MFP-Unet: a novel architecture for right ventricle detection and segmentation in echocardiographic images. Poster presentation Confirmation at the 35<sup>th</sup> Iranian Congress of Radiology.
48. Deep Learning Approach for Left Atrium Segmentation. 21<sup>st</sup> International Congress on Cardiovascular Updates; 20-23 August, Milad Tower, Tehran, Iran.
49. Automatic Myocardial Segmentation IN 4 Chamber View Echocardiography Images. 21<sup>st</sup> International Congress on Cardiovascular Updates; 20-23 August, Milad Tower, Tehran, Iran.
50. Fully automatic Segmentation of aortic valve 2D transthoracic echocardiogram Sequences. 21<sup>st</sup> International Congress on Cardiovascular Updates; 20-23 August, Milad Tower, Tehran, Iran
51. Cardiotoxicity of systemic therapy; Is it a dilemma. Teharn Breast Cancer Congress. Tehran, Iran . 23-25 Oct 2019
52. Caspian Meeting 2019. 10/11/2019
53. Perioperative Echocardiography. chair man in Anesthesia international Congress Tehran,Dec.05.2019
54. New approach for improvement of Left Ventricle Function in patients with Cardiotoxicity (case study) Abstract, international breast cancer congress; Tehran, 2019
55. Introducing of an innovation new approach for improvement of Left Ventricle Function in patients with Cardiotoxicity (case study) 10<sup>th</sup>International Tehran Breast Cancer Congress (TBCC10) 23-25,Oct, 2019
56. . 7<sup>th</sup> Internattonal Iranian Heart Fallure Summit & 7<sup>th</sup> World Heart Fallure solety Congress Tehran 17-19 June 2020 (Invited Speaker)
57. Leila Hosseini. Anita Sadeghpour, Majid Maleki, **Azin Alizadeasl**, Nahid Rezaeian, Fatemeh ZadehbagherI, Hooman Bakhshandeh. Sara Hosseini. 3D right ventricular ejection fraction and longitudinal strain are independent predictors of major adverse cardiovascular events in patients with arrhythmogenic right ventricular cardiomyopathy.; ESC Congress 2020; Accepted

58. 12<sup>th</sup> Middle east cardiovascular congress. Nov 2020. Case based Cardiology-Oncology, Daily Practice. Moderator and Speaker.
59. 58.12th Middle east cardiovascular congress. Nov 2020. Structural Heart Disease. Panelist.
60. Federico M. Asch... et al A Alizadehasl. Human vs machine-based echocardiography analysis As Predictor Of Outcomes in Acute Covid-19 Patients: from The World Alliance Societies Of Echocardiography COVID Studi. ACC 2021- Clinical trial. in press
61. 14th Annual seminar of Intervention Cardiology Focus on Complication. Rajaie Cardiovascular Medical & Research Center. February 18-19,2021, Tehran, Iran
62. TAVI. A to Z. 2021. July 15. Tehran. (Speaker)
63. Gulf- PCR, Dubai, December 2021 (Speaker)
64. Noble exercise practicefor improvementof Left Ventricle Functionin Cardiotoxicpatientsafter Breast Cancer Therapy. "2nd World congress on Cardiology andCardiovascular Diseases" March07-08, 2022. Paris, France. (Accepted as a speaker)
65. Introducing of an innovation new approach for improvement of left ventricular function in patients with cardiotoxicity, 10<sup>th</sup> International Tehran Breast Cancer Congress (TBCC10), 23-25 October, 2019. Tehran/Iran
66. The Beneficial Role of Noble exercise practice for improvement of Cardiovascular Function in Cardiotoxic patients after Breast Cancer Therapy, ORAL PRESENTATION at the 4th World Congress on Physical Therapy and Rehabilitation Medicine (PTRM Dubai) to be held from 23-24 November 2022 in Hotel Crowne Plaza-Dubai, UAE.
67. Moderator and Speaker, Session: "Art and Science of Cerebrovascular Event Prevention in Interventional Cardiology", 22<sup>ND</sup> INTERNATIONAL CONGRESS ON CARDIOVASCULAR UPDATES, 11-14 October, Milad Tower International Convention Center, Tehran-Iran
68. "The Beneficial Role of Aerobic Exercise with Blood Flow Restriction on Cardiovascular function of Cardiotoric patients after Breast Cancer therapy" has been accepted for **Oral presentation** at the International Conference on Women's Health and Breast Cancer happening on May 15-16, 2023 in **Tokyo, Japan**.
69. 1<sup>st</sup> International and the 21<sup>St</sup> National Congress of the Iranian Society of Medical Oncology and Hematology, 19<sup>th</sup> - 22<sup>th</sup> Oct 2022, TABRIZ- IRAN (Panelist)



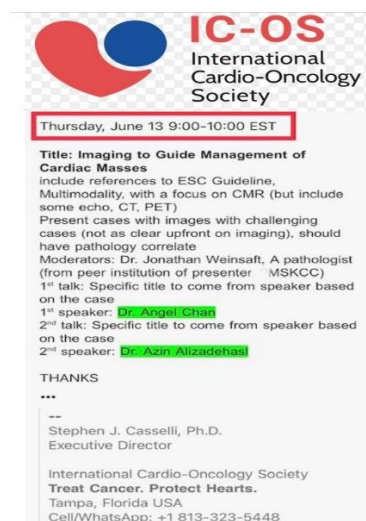
70. 14<sup>th</sup> Middle East Cardiovascular Congress (MECC), 7<sup>th</sup> Congress of Clinical Cases in, Complex Cardiovascular Therapeutics (CCCCT), From Prevention to Intervention, 2-4 November 2022 (11- 13 Aban 1401)
71. This Certificate is presented to: Dr. Azin Alizadehasl
72. oral presentation entitled: “Echo in TAVI” in the 14th Middle East Cardiovascular Congress and 7th Congress of Clinical Cases in Complex Cardiovascular Therapeutics held on 2-4 February, 2023 \_ Hybrid Congress\_ Shiraz, Iran.
73. 22nd International Congress on Cardiovascular Updates, "Art and Science of Cerebrovascular Event Prevention in Interventional Cardiology" , 28 FEBRUARY - 3 MARCH 2023, MILAD TOWER INTERNATIONAL CONVENTION CENTER TEHRAN, IRAN (Moderators: Session S3)
74. 22nd International Congress on Cardiovascular Updates, Case Based Discussion of PFO, Complex Categories; Echocardiographic View , 28 FEBRUARY - 3 MARCH 2023, MILAD TOWER INTERNATIONAL CONVENTION CENTER TEHRAN, IRAN (Speaker)
75. Cardio-Oncology Session In 1st International Congress Of Cancer Genomics 10:30-12:30, 3-5 may 2023, Tehran, IRAN
76. Panelist of 5th international congress of pulmonary hypertension and pulmonary vascular disease, Tabriz, Iran
77. Building a Robust Predictive Radiomics Model for Myocardial Perfusion SPECT: Leveraging Reproducible Radiomics Features for Improved Accuracy and Reliability, IEEE 2023, Poster presentation
78. Myocardial Perfusion SPECT Imaging Delta-Radiomics for Percutaneous Coronary Intervention Post-Revascularization Ejection Fraction Prediction, IEEE 2023, Poster presentation
79. 5 roles in 5 sessions of congress , Advanced Echocardiography In Cardiac-Oncology In Caspian Meeting 2023, The 4th CASPIAN Meeting in collaboration with CSI foundation, Imam Reza Hospital - Mashhad, Iran\_on May. 24-26 2023.
80. 8 roles in 8 sessions of congress, and 4 Sessions Of Cardio-Oncology In 8th Iranian Joint Cardiovascular Congress, 10-12 May 2023, Tehran, Iran
81. Hematopoietic stem cell transplantation and cardiovascular considerations(Speaker), and Moderator Session : Cardio-oncology, , 7th Iranian Heart Failure Summit, 9 -.11 August 2023 in Shahid Beheshti University Conference Center, Tehran, Iran
82. Session : Pivotal role of echocardiography in heart failure and ischemia (Panelist), 7th Iranian Heart Failure Summit, 9 -.11 August 2023 in Shahid Beheshti University Conference Center, Tehran, Iran
83. The Beneficial Role of Aerobic Exercise with Blood Flow Restriction on Cardiovascular function of Heart Failure patients with Mildly Reduced Ejection Fraction (HFmrEF), 7th Iranian Heart Failure Summit, 9 -.11 August 2023 in Shahid Beheshti University Conference Center, Tehran, Iran, Electronic Poster Presentation

84. Cardio Oncology: Cardiovascular Complications Associated with HSCT (Hematopoietic Stem Cell Transplanted Patients), (Speaker) 3rd International Conference on Cardiology” scheduled from November 30-December 01, 2023 at City Seasons Suites Hotel, Dubai, UAE.
85. Update on Mitral Valve Intervention 1-Valve in Valve case, 2-MitraClip case, (speaker and panelist), ICCU 2023, 23rd International Congress on Cardiovascular Updates, 19 - 22 September 2023, Olympic Hotel / Tehran - Iran
86. Challenges of heart valve disease in heart failure: New horizons in TR management. (Case base session), (speaker and panelist), ICCU 2023, 23rd International Congress on Cardiovascular Updates, 19 - 22 September 2023, Olympic Hotel / Tehran - Iran
87. Cardiac rehabilitation impact for cancer patients, (speaker and panelist), Annual Iranian Congress of Occupational Therapy, 25-27 October 2023, Tehran – Iran
88. Member of scientific committee of international cancer genomix conference ( CGC 2023 and 2024)
89. New drugs, new cardiotoxicities: cardiac Effects of Modern Targeted and Immunotherapy of Cancer and Their Management, (speaker and panelist), ISMOH, 10 November 2023, Olympic Hotel / Tehran – Iran
90. Cardio oncology: Cardiovascular complications associated with HSCT (Hematopoietic Stem Cell Transplanted Patients) (speaker), 3rd International Conference on Cardiology NOV 30 - DEC 01, 2023 | Dubai, UAE
91. Echocardiography Radiomics Features for Cardiotoxicity Prediction in Cancer Patients Using Interpretable Machine Learning Algorithms, (poster), 2023 IEEE Nuclear Science Symposium and Medical Imaging Conference
92. 15th GHA Meeting in Collaboration with KHF ‘Kuwait | December 13-16, 2023
93. 4<sup>th</sup> international congress of cardiac anesthesiology, 10-12 jan 2024, (Speaker and Panelist)
94. Program director, faculty member, moderator and lecturer in international Caspian Meeting, 2024, Mashhad , Iran
- Member of Scientific and executive committee, 10 session , 9<sup>th</sup> iranian joint cardiovascular congress:**
95. Mitraclip, Program director, faculty member, moderator and lecturer in 9<sup>th</sup> iranian joint cardiovascular congress, 24-26 April 2024, Tehran Iran
96. Imaging in intervention, Program director, faculty member, moderator and lecturer in 9<sup>th</sup> iranian joint cardiovascular congress, 24-26 April 2024, Tehran Iran
97. Multiple myeloma and amp, cardiac Amyloidosis, Program director, faculty member, moderator and lecturer in 9<sup>th</sup> iranian joint cardiovascular congress, 24-26 April 2024, Tehran Iran
98. Interventional cardiology, structural heart disease, Program director, faculty member, moderator and lecturer in 9<sup>th</sup> iranian joint cardiovascular congress, 24-26 April 2024, Tehran Iran
99. Cardiac anesthesia, Program director, faculty member, moderator and lecturer in 9<sup>th</sup> iranian joint cardiovascular congress, 24-26 April 2024, Tehran Iran

100. Echocardiography: nightmares in cathlab, Program director, faculty member, moderator and lecturer in 9<sup>th</sup> Iranian joint cardiovascular congress, 24-26 April 2024, Tehran Iran
101. Case based discussion on cancer associated venous thromboembolism, Program director, faculty member, moderator and lecturer in 9<sup>th</sup> Iranian joint cardiovascular congress, 24-26 April 2024, Tehran Iran
102. Cardio-oncology: cardiac mass, Program director, faculty member, moderator and lecturer in 9<sup>th</sup> Iranian joint cardiovascular congress, 24-26 April 2024, Tehran Iran
103. Cardio-oncology aspect in colorectal cancer, Program director, faculty member, moderator and lecturer in 9<sup>th</sup> Iranian joint cardiovascular congress, 24-26 April 2024, Tehran Iran
104. 9<sup>th</sup> Iranian joint cardiovascular congress, 24-26 April 2024, Tehran Iran



105. Cardiac adverse effects after CART-Cell therapies Accepted in ESC 2024 London.
106. Imaging to Guide Management of Cardiac Masses, include references to ESC Guideline, 2<sup>nd</sup> speaker: Dr. Azin Alizadehas



107. IC-OS, International Cardio-Oncology Society, live Webinar, Thursday, June 13, 2024



**IC-OS**  
International  
Cardio-Oncology  
Society

JOIN US:  
**THURSDAY**  
**JUNE 13, 2024**  
9:00 AM EDT/15:00 CEST

**LIVE WEBINAR**  
THURSDAY, JUNE 13, 2024  
9AM EDT | 3PM CEST

Imaging to Guide  
Management of  
Cardiac Masses

DR. ANGEL CHAN

DR. AZIN ALIZADEHAST

**Angel T. Chan, MD, PhD**, is a cardiologist and physician-scientist at **Memorial Sloan Kettering Cancer Center in New York City, USA**. Dr. Chan is an assistant professor of Departments of Cardiology and Radiology at Memorial Sloan Kettering Cancer Center (MSKCC) and holds a joint appointment at the Division of Cardiology at New York Presbyterian Hospital-Weill Cornell Medical Center (NYP-WCMC). She is the Director of Cardio-Oncology Research at NYP-WCMC. She is a cardiologist specialized in multimodality imaging with emphasis on CMR imaging of cardiac masses in cancer patients.

**Azin Alizadehast, MD, FACC, FASE**, is a cardiologist, an echocardiologist, and a professor of cardiology at Rajaleh Cardiovascular Medical and Research Institute at the Iran University of Medical Science in Tehran, Iran. She is also the founder of the cardio-oncology field in Iran and is the director of the cardio-oncology ward, the Iranian cardio-oncology research center, and the Iranian Cardio-Oncology Association. She completed fellowships in cardio-oncology and echocardiography and she completed research and observational courses at Toronto General Hospital, MD Anderson

## Conference Presentations (National):

1. Samadikhah J, Hakim S.H, Alizadehasl A, Azarfarin R. Study of the association between activity level at onset of symptoms and patient outcome of first acute myocardial infarction. In: 13th international congress of geographic medicine and the congress of cardiovascular disease. 2-5 Oct 2000. Shiraz
2. Samadikhah J, Alizadehasl A, Hakim SH, Azarfarin R, Effect of diabetes mellitus on outcome of patients with first acute myocardial infarction. In: 13th congress of Iranian heart association. Oct 8-11, 2002, Tehran
3. Samadikhah J, Azarfarin R, Alizadehasl A. The influence of gender on outcome in patients with first acute myocardial infarction. In: 13th congress of Iranian heart association. Oct 8-11, 2002; Tehran
4. Samadikhah J, Alizadehasl A, Parvizi R, Azarfarin R, Prognostic significance of atrial fibrillation after first myocardial infarction. In: 13th Int. congress of Iranian heart association, Oct 8-11 2002. Tehran
5. Samadikhah J, Alizadehasl A, Afrasiabi A, Brumandan F, Azrfarin R, Left ventricle thrombosis after acute myocardial infarction. In: 3rd congress of Iranian society of cardiac surgeons, Sep 23-26, 2003; Tehran
6. Alizadeh M, Alizadehasl A, Salek S, et al. The effect of teachers Mannering in student's interest for semiology workshops in skill lab. In: 10th congress of medical education. 5-8 may 2007, Shiraz
7. Alizadeh M, Alizadehasl A, Sarbazvatan H, et al. The role of teacher in education of practical skills in skill lab. In: 10th congress of medical education. 5-8 may 2007, Shiraz
8. Khalili A, Kalli M, Raoufi SH, Alizadehasl A, Zabihyan N, Imani SH. The impact of metabolic syndrome on preoperative outcomes in patients undergoing coronary artery bypasses grafting surgery. In: The first Iranian congress of metabolic syndrome 13-14 June 2008, Tabriz
9. Samadikhah J, Alizadehasl A, Hakim SH, Azarfarin R. Prevalence and prognostic Impact of metabolic syndrome on patients with acute myocardial infarction. In: The first Iranian congress of metabolic syndrome 13-14 June 2008, Tabriz
10. Alizadehasl A, Samadikhah J, Hakim SH, Azarfarin R. Non- diabetic metabolic syndrome in patients with acute myocardial infarction. In: The first Iranian congress of metabolic syndrome 13-14 June 2008, Tabriz
11. Azarfarin R, Alizadehasl A. Prevalence and intensity of hyperglycemia in non diabetic patients undergoing off-pump or on – pump coronary artery bypass grafting surgery. In: First Iranian Congress of cardiac Anesthesia. 6-9 May 2008, Shiraz

12. Azarassa M, Azarfarin R, Changizi A, Shadvar K, Alizadehasl A. Smoking no increase the early postoperative cardiopulmonary complications in cardiac surgery. In: 10th Iranian Congress of Anesthesiology 8-10 October 2008, Tabriz
13. Azarfarin R, Alizadehasl A, Kianfar AA, Mirinejad M, Bilejani E. Sensitivity specificity and predictive value of "base deficit" in arterial blood gas analysis in diagnosis of hyperlactatemia and predicting post-operative complications in cardiac surgery. In: 10th Iranian Congress of Anesthesiology 8-10 October 2008, Tabriz
14. Azarassa M, Azarfarin R, Changizi A, Alizadehasl A. Substance use among Iranian patients undergoing cardiac surgery In: 2nd Iranian Congress on Cardiothoracic and Vascular Anesthesia 13-15 May 2009 Yazd.
15. Ojaghi Z, Alizadehasl A, Mostafavi A, Moladoust H. Echocardiographic Assessment of Left Ventricle Torsional Parameters by Tissue Doppler and Velocity Vector Imaging: Comparison of the Two Methods. In: 1st Iranian Cardiovascular Joint congress. 25-28 Sept. 2012, Tehran
16. Alizadehasl A, Mohebbi B, Sadeghpour A, Toufan M, Esmailzadeh M. Fragmented QRS Complex in Acute Anterior Myocardial Infarction and Coronary Sinus Blood Flow. In: 1st Iranian Cardiovascular Joint congress. 25-28 Sept. 2012, Tehran
17. Sadeghpour A, Alizadehasl A, Shahrabi, Esmailzadeh M, Parsaei M. Reference values for Echocardiographic parameters of Iranian healthy Individuals. In: 1st Iranian Cardiovascular Joint congress. 25-28 Sep 2012. Tehran
18. Sadeghpour A, Alizadehasl A. Maternal and offspring outcome in mothers with heart disease. In: 1st Iranian Cardiovascular Joint congress. 25-28 Sept. 2012, Tehran
19. Ojaghi Z, Sadeghpour A, Alizadehasl A, Azarfarin R, Hashemi A. New Aspects of Family History of Heart Disease as a Risk Factor for Coronary Artery Disease in patients with acute myocardial infarction. In: 1st Iranian Cardiovascular Joint congress. 25-28 Sept. 2012, Tehran
20. Ojaghi Z, Alizadehasl A, Maleki M, Naderi N, Esmailzadeh M. Assessment of Right Atrial Function Compared to Iranian Septum and Left Atrium: A Doppler Myocardial Imaging Study in Healthy Subjects. In: 1st Iranian Cardiovascular Joint congress. 25-28 Sept. 2012, Tehran
21. Kyavar M, Basiri HA, Sadeghpour A, Alizadehasl A, Pouraliakbar HR. Left Main Coronary Artery Dissection Following Surgical Valve Replacement: Role of Coronary CT Angiography. In: 1st Iranian Cardiovascular Joint congress. 25-28 Sept. 2012, Tehran.
22. Azarfarin R, Pourafkari L, Parvizi R, Alizadehasl A, Sadeghpour A. Outcome of coronary artery bypass surgery in patients with severe left ventricular dysfunction. In: 1st Iranian Cardiovascular Joint congress. 25-28 Sep 2012. Tehran
23. Alizadehasl A. New imaging modalities in Ischemic Heart Disease. In: 5th Iranian seminar of Echocardiography. Oct 24, 2012, Tehran
24. Alizadehasl A. Interesting Echo cases as rapid diagnosis (Echo quiz). In: Annually symposium of echocardiography, Oct 31, 2014, Tehran.

25. Alizadehasl Azin. Strain Echocardiography in DCM. New findings in strain imaging echocardiography conference. Taleghani Hospital. Shaheed Beheshti university of Medical Science. May 29, 2014, Tehran.
26. Alizadehasl Azin. Personalized Medicine in Cardiovascular disease. Imam Khomeini hospital. Esfand 8, 1395.
27. Alizadehasl Azin. Anita Sadeghpour and Mohaddeseh Behjati. Selective Trans- Esophageal Echocardiography Before Electrical Cardioversion: The Role of Risk Stratification. ECCardiology (ECCY), is delighted to award you for publishing your eminent letter to editor entitled.
28. Board OSCE review course, Rajaie heart hospital, Echocardiography, 1397/5/25
29. Automatic Myocardial segmentation in four-Camber view Echocardiography Image. The first national meeting on Artificial Intelligence in Medical Imaging – Tehran/Iran, Nov3-4, 2019
30. Deep Learning Approach for Left Atrium Segmentation. The first national meeting on Artificial Intelligence in Medical Imaging – Tehran/Iran, Nov3-4, 2019
31. chair man and speaker; Rasoul Akram hospital; Aban 30
32. executive Secretary & Scientific Secretary Tehran/Iran, January 16, 2020
33. 13<sup>th</sup> Annual Seminar of Interventional Cardiology. Tehran/Iran, 9-10Jan, 2020
34. Webinar; July 2020. ACS and COVID-19.
35. Webinar; July 2020. Heart, Cancer and COVID-19.
36. Latest techniques in TEVAR for TBD & TAVI with special focus on: Role of Intra-Operative Imaging. 18 Dec 2020 (Webinar)
37. Webinar, High Tech AVR, TAVI vs. Perceval, 9 april 2021, Speaker
38. CardioOncology Meetings. Alternate Mondays.
39. HOCM webinar; shahrivar 5
40. Thrombosis and Cancer. Mehr 22. Scientific Secretary. Speaker and Chair man.
41. PPCI in Patients with Cancer, 4<sup>th</sup> Congress of Primary Percutaneous Coronary Intervention Updates. Tehran/Iran, 16-17 December 2021
42. 15<sup>th</sup> Annual Seminar of Interventional Cardiology, Focus on Complications, Speaker, 13-14 January 2022, Tehran/Iran (Webinar)
43. 118<sup>th</sup> Conference and 11<sup>th</sup> Webinar, Iranian Society of Interventional cardiology, Speaker, 30 day 1400, Tehran/Iran
44. **Daily practice in CardioOncology (41 webinar) up to 8 July 2024**

45. Update on Transcatheter Mitral Valve Intervention (Mitraclip & TMVR) Friday 6th May 2022 (16th Ordibehesht 1401)

۴۶. اولین همایش جامع کووید ۱۹ و پسا کرونا، قلب و کووید ۱۹، ۲۱-۲۳ اردیبهشت ۱۴۰۱، تهران، ایران

47. The role of echocardiography in the diagnosis and management of patients with ventricular septal rupture after acute myocardial infarction. Symposium of mechanical complications after acute myocardial infarction, Speaker, 21-22 July 2022, Tehran/Iran

48. Iranian Chapter of ISMRM 1st Annual Meeting, 24, 25, 26 August 2022 Tehran University of Medical Sci , ISMRM ONE COMMUNITY ISMRM Iranian CHAPTER 199 IRANMRI Interdisciplinary Teamwork for MRK usbty Imaging, CMR In Cardio= Oncology

Topics:

1: Role of AI and Strain 3D Echo in Cardio Oncology

2: Interesting and Challenging Case of Cardio Oncology

49. Certificate of presentation: On behalf of the entire committee members of the ISMRM Iranian Chapter First Annual Meeting, we want to thank you for your sincere collaboration with the scientific committee. We wish a bright future for the MRI of Iran with your continuous and loyal cooperation, 2022, IRANMRI, Interdisciplinary Teamwork for MR Quality Imaging

50. Chemotherapy Induced Cardiomyopathy, 9th Iranian Congress of Pediatric Cardiology, RHC, Tehran/Iran, 22-23 September 2022

51. Internationalization of Higher Education in Medical Science, A Workshop, PARTICIPANT, Shahid Beheshti university of medical sciences, Tehran/Iran, 13-14 Dec 2022

52. National congress of bone marrow transplantation, پایش قلبی بیماران با پیوند سلول‌های بنیادی خونساز، ۱۳-۱۱ اسفند ۱۴۰۱، تهران، ایران

53. Member of Imaging group of International society of Cardio-Oncology Academic and Official Appointment "And" Honors/ Achievements: کنفرانس علمی سرطان کولون، ۲۸ اردیبهشت ۱۴۰۲، تهران، هتل ارم، سخنران

54. Member of Imaging group of International society of Cardio-Oncology Academic and Official Appointment "And" Honors/Achievements: Master class - Colorectal Cancer Cardiovascular Considerations، انجمن هماتولوژی و انکولوژی ایران، ۲۸ اردیبهشت ۱۴۰۲، تهران، هتل ارم، سخنران

55. Speaker and panelist, ovary cancer conference, Tehran, 31 August 2023

56. Carcinoid Heart Disease (Speaker and Panelist), Panel Case Based Discussion, 23 November 2023

57. Hypertension in Pediatric Cardio-hemato-oncology: A New Dilemma, Tehran, 30 Azar 1402, (Speaker)



58. BREAST CANCER CARDIOTOXICITY, A BIG PROBLEM & Thursday, 21<sup>th</sup> Dey ,17:00-20:30, Vesal Hall, Shiraz Grand Hotel, (Scientific Secretary, Speaker)

59. Mitral Regurgitation, 11 Annual Tehran Heart Center Congress, 6th Critical Cardiovascular Care 1st Student Congress, 18th April, Program director; Faculty member, lecturer and panelist

60. Mitral Regurgitation, 11 Annual Tehran Heart Center Congress, 6th Critical Cardiovascular Care 1st Student Congress, 18th April, Program director; Faculty member, lecturer and panelist

61. The 13th Conference on Iran Clinical Pharmacy, 19 to 21 June 2024 by Rasayesh Institute at the Olympic Hotel in Tehran. (Speaker)

62. سیزدهمین همایش داروسازی بالینی ایران، نقش پزشکی شخصی محور در درمان بیماری‌ها، عنوان سخنرانی: نقش پزشکی شخصی محور در درمان بیماری‌های عفونی، ۳۱ خرداد ۱۴۰۳، هتل المپیک تهران، سالن رازی

## Research Projects:

1. Samadikhah J, Hakim S.H, Alizadehasl A, Azarfarin R. Study of the association between activity level at onset of symptoms and patient outcome of first acute myocardial infarction. Approved in 81/6/25 (Sep 2002).
2. Samadikhah J, Toofan Mehrnoosh, Azrfarin R, Alizadehasl A. Measurement of coronary sinus blood flow after first anterior myocardial infarction with transthoracic echocardiography and study of its association with wall motion scoring index. Approved in 85/11/14(February 2007).
3. Toofan M, Alizadehasl A, Hakim S.H, Azrfarin R. Sensitivity, specificity and predictive value of change of severity of mitral regurgitation after first anterior myocardial infarction. Approved in 85/12/10(February 2007).
4. Alizadehasl A, Salehi R, Hakim H. Electrocardiographic changes in patients with hypertrophic Cardiomyopathy. . Approved in 85/12/10(February 2007).
5. Yaghoubi A, Alizadehasl A, and Azarfarin R. Surgical vs. medical treatment of acute aortic dissection: 10 years survival follows up. Approved in 86/2/20(May 2007).
6. Azrfarin R, Yaghoubi A, Alizadehasl A. Study of trace elements in patients with acute coronary syndromes. Approved in 86/2/20(May 2007).
7. Azarfarin R, Azarassa M, Changizi A, Alizadehasl A. Prevalence of substance use in patients undergoing cardiac surgery and its relationship with early postoperative outcome.
8. Azarfarin R, Sheikhzadeh D, Mirinazhad M, Bilehjani E, Alizadehasl A. Glycemic control of hyperglycemia in non-diabetic patients undergoing coronary artery bypass surgery.
9. Safaii N, Yagubi A, Khalily A, Azarfarin R, Alizadehasl A, et al. The evaluation of incidence of cardiovascular disease and its risk factors in hospitalized patient in East Azerbaijan 2006-2007.
10. Safaii N, Yagubi A, Khalily A, Azarfarin R, Alizadehasl A, et al. The pilot study of creating data bank, identification and control of cardiovascular risk factors, and diseases in adults more than 30 years old in Oskou city in 2007-2008.
11. Salahe R, Hakim H, Alizadehasl A, et al. Comparison of tissue Doppler imaging findings in patients with Hypertrophic Cardiomyopathy and normal Controls.
12. Azarfarin R, Yaagoubi A, Alizadehasl A, et al. Comparison of serum Homocysteine in smoker and nonsmoker patient's whit acute coronary syndrome during 2007-2008.

13. Samadekhah J, Azarfarin R, Alizadehasl A, et al. Comparison of serum trace element in smoker and nonsmoker in 2007-2008 patients with acute coronary syndrome in imam Reza Hospital in Tabriz.
14. Yaguby A, Pazashkiyan M, Azarfarin R, Jodaty A, Khalily A, Safaye N, Nasiry B, Alizadehasl A, et al. Surgical pathology of surgical excised heart valves in Tabriz in 2000-2007.
15. Aslanabadi N, salehi R, Alizadehasl A, Eslamian F, Ahmadzadeh A. The therapeutic effects of enhanced external counter pulsation on refractory angina in patients unsuitable for invasive interventions.
16. Sepasi F, Alizadehasl A, Azarfarin R. Relation between ABO blood groups, cardiovascular risk factors and acute myocardial infarction .Research Journal of Biological Sciences 3 (9): 1060-1062, 2008.
17. Alizadehasl A, F Sepasi, R Azarfarin, Sh Gaffari. Hypokalemia, arrhythmias and early outcomes in acute myocardial infarction. Research Journal of Biological Sciences 3 (9): 1130-1132, 2008.
18. Alizadehasl A, R Azarfarin, F Sepasi, Sh Gaffari. Clinical and microbiological characteristics of infective endocarditis. Research Journal of Biological Sciences 3 (9): 1037-1041, 2008.
19. Alizadehasl A, Farnaz Sepasi, Mehrnoosh Toufan. Risk factors, Clinical manifestations and Outcome of Acute Myocardial Infarction in Young Patients. 2010.
20. R Salehi, Alizadehasl A, M Rostamzadeh. Assessment of left ventricular systolic and diastolic function using mitral annular velocities in patients with first acute myocardial infarction and its relation with one month mortality. (SMS)
21. J Samadekhah. R Azarfarin, Alizadehasl A, A Karimzadeh. Efficacy of combination therapy of statin and vitamin C in comparison with statin alone in the prevention of post CABG atrial fibrillation.
22. Z. Ojaghi, Alizadehasl A. Study of Left Ventricular Torsion in Patients with Ischemic Cardiomyopathy in Comparison with Normal healthy Subjects By Velocity Vector Imaging, 2012.
23. Anita Sadeghpour, Alizadehasl A. evaluation of accuracy of cardiogoniometry for prediction of crt-responsiveness in heart failure patients. Ongoing.
24. Anita Sadeghpour. Alizadehasl A. study of diagnostic value of cardiogoniometry in assessment of myocardial ischemia in patients with left bundle branch block. Ongoing.

25. Anita Sadeghpour, Alizadehasl A. Study of Regional Myocardial Deformation by Doppler Strain and Strain Rate Echocardiography in patients with Acute Myocardial Infarction (Ongoing)
26. Zahra Ojaghi, Alizadehasl A, Atousa Mostafavi. Comparison of Left Ventricle Apical and Basal Torsion and Twist between Patients with Left Ventricular Dysfunction and Normal Adults by Velocity Vector Imaging. 2012
27. Anita Sadeghpour, Alizadehasl A. Study of Area and Environment of Created Box in M-mode Echocardiography in Patients with Severe Mitral Stenosis and Sinus Rhythm in Compared with Planimetry Results.2012
28. Esmaeilzadeh M, Alizadehasl A. Left ventricular Torsion and twist Study to Assess the Origin, Extent of Ventricular Preexcitation Associated with an Accessory Bypass and efficacy of ablation treatment. 2012.
29. Anita Sadeghpour, Alizadehasl A. Prevalence of Left Ventricular Diastolic Dysfunction in a General Population.2011
30. Anita Sadeghpour, Alizadehasl A. Reference values for Echocardiographic parameters of left ventricular diastolic function in Iranian healthy adult humans.2011.
31. Anita Sadeghpour, Alizadehasl A. Prominence of Crista Terminalis in Post Cardiac Surgery: Is It Real? 2012.
32. Alizadehasl A, Anita Sadeghpour. Complications of atrial septal defect closure through a catheter. 2012
33. Alizadehasl A, Hali R. LV and RV torsion assessment and definition of their interdependency in four groups of cardiac diseases (aortic stenosis, hypertrophic cardiomyopathy, nonischemic cardiomyopathy and primary pulmonary hypertension) by speckle tracking echocardiographic method and comparison with normal subjects.2016
34. Alizadehasl A, Anita Sadeghpour, Dadras M. LV And RV Torsion Assessment In Patient With Congenitally Corrected Transposition Of The Great Vessels. 2016
35. Maleki M, Bakhshandeh H, Alizadehasl A, Naderi N, Nikpajouh A, Khalili Y. Evaluation of Efficacy and Safety of Polypill on improvement Clinical signs and Symptoms in patients with Coronary artery diseases . 2016

36. Alizadehasl A, Anita Sadeghpour, Dehghan H. Impact of left atrium shape on the atrial volume calculations using two-dimensional discs' summation and area-length algorithms: a three-dimensional echocardiography study. 2016
37. Anita Sadeghpour, Alizadehasl A, Nojoumi L, Amin A, Tghavi S, Nikpajouh A. Evaluation of Torsion Deformity by 2D – Speckle Tracking Method in Heart Transplantation patient and Comparison this Method with Histological data obtained from Endocardial Biopsy. 2016
38. Alizadehasl A. Hanife Ganji. Evaluation of functional capacity & quatily of life in patients with history of mitral and aortic prosthetic valve with stress echocardiography criteria & questionnaire who refer to rajaie hospital.2017
39. Anita Sadeghpour, Alizadehasl A. Comparison of functional capacity between patient with mechanical polmonari valve and biologic pulmonary valve by steress echocardiography.2017
40. Mahshid Malakootian. Alizadehasl A. Bioinformatical and experimental analysis of nucleotide changes, expression alterationand alternative splicing of a patients: to find a specific molecular biomarker retated to CAD in Iranian population.
41. دکتر مجید ملکی، دکتر سید جواد مولی، دکتر آذین علیزاده اصل، دکتر صدیقه ساعدی. بررسی تغییرات نوکلئوتیدی ژن PCSK9 در جمعیت نرمال و بیماران قلبی و عروقی با هیپیرکلسترومی فامیلی.
42. Ghaem Maghami Zahra. Alizadehasl A. Anita Sadeghpour Association of serum thyroid hormone level and cardiac systolic and diastolic function
43. دکتر محمد مهدی پیغمبری، دکتر پرهام صادقی، دکتر حامد طلا کوب، دکتر احسان قورچیان، دکتر سجاد نادری، دکتر آذین علیزاده اصل. تاثیر رزواستاتین با دوز بالا بر روی یافته های بالینی، آزمایشگاهی و اکوکار دیوگرافیک بیماران مبتلا آمبولی ریه حاد و مقایسه با دارو نما در مراجعه کنندگان به مرکز آموزشی، تحقیقاتی و درمانی شهید رجایی
- از سال ۱۳۹۶ لغایت ۱۳۹۸
44. ASE WASE Normal Values Study, International.

45. European Data Registry of IE.

46. European Data Registry of cardiac involvement in Breast Cancer.

47. Zahra Ghaem-maghani, Anita Sadeghpour, Azin Alizadehasl. Study of Thyroid Hormones in relation with cardiac systolic and diastolic functions.

48. پاسخ های وابسته به مقدار، دو نوع فعالیت بدنی مقاومتی (ست های وامانده ساز کانسنتریکی در مقابل غیر وامانده ساز) بر بازیافت زیستی و عملکردی قلب ورزشکاران مرد. (کد مصوبه ۹۶۱۴)

49. ارزیابی عملکرد فعالیتی و کیفیت زندگی در بیماران با سابقه تعویض دریچه آئورت و میترال با استفاده از معیارهای استرس اکوکاردیوگرافی و پرسشنامه مک نیو در بیمارستان قلب و عروق شهید رجایی ( کد مصوبه ۹۵۶۷)

50. بررسی و مقایسه اثرات ساختار دهلیز چپ در محاسبه حجم آن با استفاده از روش های discs summation و area-length در اکوی دو بعدی با مقادیر محاسبه شده در اکوی سه بعدی. (کد مصوبه ۹۵۲۴)

51. Effect of High Intensity Interval Training (HITT) with Blood Flow Restriction (BFR) on cardiovascular function of Cardiotoxic Patients after Breast Cancer therapy (clinical trial) **IRCT20200412047045N1**

52. برنامه ثبت و پیش بینی عوارض قلبی در بیماران مبتلا به سرطان ارجاع شده به بیمارستان شهید رجایی با استفاده از هوش مصنوعی و یادگیری ماشین. ( cardio-oncology toxicity registry (COT registry) )

53. Along time survival of patients with moderate to severe and severe tricuspid regurgitation admitted to shahid rajaei heart center in Tehran during 2002-2017

درمان دارویی در مقایسه با درمان جراحی در بقای طولانی مدت بیماران مبتلا به نارسایی متوسط تا شدید و شدید دریچه تری کوسپید در بیماران مراجعه کننده به مرکز قلب شهید رجایی از سال ۸۱ تا کنون

54. Attitude of anesthesiology residents and faculty members. 2019

55. Participitation in European society of Breast Cancer.

56. Comprehensive researches about HCM.

57. European COT registry, Breast Cancer

58. Cardio-oncology toxicity (COT registry)

59. بررسی میزان عوارض واسکولار در بیماران مبتلا به آنورت دولتی مرتجعہ کننده به بیمارستان رجایی از سال ۱۳۸۱ تا ۱۳۹۱

60. طرح دیتا رجیستری تشخیص و درمان آمبولی ریه ۱۳۹۸

61. COVID-19 in Cardiovascular disease

62. Comprehensive study of CARDIAC MASSES (Rajaie Heart Center, 15 years)

63. COVID and CARDIOTOXICITY

64. Federico M. Asch... et al A Alizadehasl. Human vs machine-based echocardiography analysis As Predictor Of Outcomes in Acute Covid-19 Patients:from The World Alliance Societies Of Echocardiography COVID Studi. ACC 2021- Clinical trial. in press

65. Ga-FAPI-46 PET/CT scan comparison to echocardiography findings in cardiotoxicity diagnosis due to chemotherapy in Breast cancer patients.

66. Effects of the cardioprotective diet on the incidence of cardiotoxicity in patients with breast cancer receiving Anthracycline

67. Evaluation of the relationship between short term exposure of air pollution and cardiac chamber clot formation in patients with dilated cardiomyopathy: a case cross over study

68. Evaluation of clinical outcome after Cardio\_Oncology Rehabilitation to manage Cardiotoxicity related to cancer therapies in cancer patients and survivors

69. innovative idea with name of “A polypill : a drug product in pill form (Carvedilol, Lisinopril, Atorvastatine and Aldactone) or prevention of Cardiotoxicity” (accepted in ACC 2019)

70. Interventional inserion of pericardial window in end-stage cancer patients with Tamponade

71. TEE probe surface modification by preventing adhesion of macromoleculars (Saliva) 2022.

72. Evaluation of correlation between delta radiomic features and cardiotoxicity in cancer patients using machine learning 2022

73. 68Ga-FAPI-46 PET/CT scan comparison to echocardiography findings in cardiotoxicity diagnosis due to chemotherapy in Breast cancer patients

74. Determining prevalence of echocardiographic findings in patient with cardiac sarcoidosis in Rajaee cardiovascular center in 1400

75. Incidence of Cardiotoxicity in patient with GI malignancy in Rajaee cardio-oncology research center in 1397-1399

76. Effects of the cardioprotective diet on the incidence of cardiotoxicity in patients with breast cancer receiving Anthracycline
77. study of clinical, diagnostic, surgical and pathological findings of all cardiac masses in Rajaei Heart center from 1383 until now
78. Anesthesia Management in Redo Mitral Valve Replacement Surgery in a Patient with a Rare Blood Group: A Case Report
79. Setting up a distance learning system in Rajaie Cardiovascular, Medical and Research Center
80. The effect of atorvastatin on cardiac function in patients with HER positive breast cancer undergoing chemotherapy
81. Assessment of nonsurgical pericardiocentesis and create window in cancer patients referred for persistent massive pericardial effusion or tamponade
82. Proudly joining to ACC global CardioOncology registry



## **Supervision of Thesis:**

1. Risk factors, Clinical manifestations and Outcome of Acute Myocardial Infarction in Young Patients. By Farnaz Sepasi MD. 2010, (For General Medicine Degree).
2. Comparison between outpatient clinic educations by grandstand model and report back model in the outpatient clinic of Madani heart center. By Sevil Aghabalaii. 2010 (For General Medicine Degree).
3. Comparison of intensity and pattern of coronary artery disease in patients with acute myocardial infarction with and without family history. By Faeghe Tajallaei. Summer 2010. (For General Medicine Degree)
4. Pregnancy outcomes in women with heart disease. By Saman Fahima. Summer 2010. (For General Medicine Degree).
5. LV systolic dysfunction in patients with pure DHF recognizing by Speckle tracking. By Ali Qarebaghi, MD. 2012. (For Specialty Degree in Cardiology)
6. Comparison of outcomes of medical therapy and coronary artery bypass graft in octogenarians with three coronary artery disease. By Laleh Panjavi 2012. (For General Medicine Degree).
7. Data registry of endocarditis in Rajaei cardiovascular, medical and research center from 1381. By Leila Rezvani 2014, MD. (For Specialty Degree in Cardiology)
8. Study of Complications associated with closure of secondary atrial septal defect through catheter. By Mohsen Neshati, MD 2014. (For Specialty Degree in Cardiology)
9. Effect of doxycycline on left ventricular remodeling after acute anterior MI undergoing primary PCI: double blind clinical trial. By Akram Nakhaei, MD 2014. (For Specialty Degree in Cardiology)

10. Study of vascular complications in patients with bicuspid aortic valve in Rajaei cardiovascular, medical and research center from 1381. By Zahra Alizadeh, MD 2014. (For Specialty Degree in Cardiology)

11. بررسی عوارض واسکولار در بیماران با دریچه آئورت دولتی مراجعه کننده به بیمارستان شهید رجایی از سال ۸۱ تا ۹۱ (دکتر زهرا علیزاده)

12. بررسی عوارض دریچه ای در بیماران با دریچه آئورت دولتی مراجعه کننده به بیمارستان شهید رجایی از سال ۸۱ تا ۹۱

13. Impact of medical versus surgical therapy of significant tricuspid regurgitation on long term survival of patients with significant tricuspid regurgitation. By Maryam Mousavi, MD 2015. (For Specialty Degree in Cardiology)

14. Alizadehasl A, Hali R. LV and RV torsion assessment and definition of their interdependency in four groups of cardiac diseases (aortic stenosis, hypertrophic cardiomyopathy, nonischemic cardiomyopathy and primary pulmonary hypertension) by speckle tracking echocardiographic method and comparison with normal subjects. 2016

15. Alizadehasl A, Anita Sadeghpour, Dadras M. LV And RV Torsion Assessment In Patient With Congenitally Corrected Transposition Of The Great Vessels. 2016

16. Alizadehasl A, Anita Sadeghpour, Dehghan H. Impact of left atrium shape on the atrial volume calculations using two-dimensional discs' summation and area-length algorithms: a three-dimensional echocardiography study 2016

17. Anita Sadeghpour, Alizadehasl A, Nojumi L, Amin A, Tghavi S, Nikpajouh A. Evaluation of Torsion Deformity by 2D – Speckle Tracking Method in Heart Transplantation patient and Comparison this Method with Histological data obtained from Endocardial Biopsy. 2016

18. Alizadehasl A. Hanife Ganji. Evaluation of functional capacity & quality of life in patients with history of mitral and aortic prosthetic valve with stress echocardiography criteria & questionnaire who refer to rajaie hospital. 2017

19. Bioinformatical and experimental analysis of nucleotide changes, expression alteration and alternative splicing of a patients: to five a specific molecular biomarker related to CAD in Iranian Population. MalakootianM, Alizadehasl A.

20. دکتر مجید ملکی، دکتر سید جواد مولی، دکتر آذین علیزاده اصل، دکتر صدیقه ساعدی. بررسی تغییرات نوکلئوتیدی ژن PCSK9 در جمعیت نرمال و بیماران قلبی و عروقی با هیپرکلسترومی فامیلی.

21. دکتر آذین علیزاده اصل، دکتر آنینا صادقپور، تعیین شیوع آنومالی های قلبی در بیماران دارای درجه انورت دولتی از سال ۱۳۸۱ لغایت ۱۳۹۱ در بیمارستان قلب شهید رجایی. ۱۳۹۶-۹۷

22. دکتر آذین علیزاده اصل، دکتر احمد بیطرفان رجبی، دکتر ثریا سلمانیان، دکتر نجات مهدیه، امین طالبی مدلسازی رادیوبیولوژیکی احتمال ایجاد نقص در پرفیوژن میوکارد پس از رادیوتراپی در بیماران مبتلا به سرطان پستان چپ با استفاده از پارامترهای تصویری و ژنتیکی ۱۳۹۷

23. بررسی شیوع فاکتورهای پیش بینی کننده بروز End stage HCM در بیماران مبتلا به کاردیومیوپاتی هیپرتروفیک مراجعه کننده به بیمارستان قلب شهید رجایی در طی ده سال اخیر ۱۳۹۷

(Prevalence and predictive factors for HCM end stage incidence in patients with hypertrophic cardiomyopathy)

24. بررسی تاثیر دستگاه مکانیکی کمک سرفه بر شاخص های تنفسی و همودینامیک بیماران پس از عمل بای پس عروق کرونر در بخش مراقبت ویژه ۱۳۹۷

25. تاثیر رزوستاتین با دوز بالا بر روی یافته های بالینی، آزمایشگاهی و اکوکاردیوگرافیک بیماران مبتلا به آمبولی ریه حاد و مقایسه با دارونما در مراجعه کنندگان بیمارستان قلب و عروق شهید رجایی از سال ۱۳۹۶ لغایت ۱۳۹۸ (استاد مشاور)

26. بررسی و مقایسه عملکرد بطن چپ و راست قبل و بعد از انجام والوپلاستی درجه میترال از طریق پوست در بیماران مبتلا به تنگی درجه میترال مراجعه کننده به بیمارستان شهید رجایی. ۱۳۹۷-۹۸ (استاد راهنما)

27. Evaluation and comparison of left ventricular and right ventricular function before and after percutaneous mitral valve valvoplasty in patients with mitral valve stenosis referred to Shahid Rajaei Heart Hospital. 2019

28. Effectiveness of conservative medical Therapy versus surgical pericarditis in constrictive pericarditis. 2019

29. 15 years of Hydatid Cysts.

30. 15 years of CP.

31. MR and TAVI, (Zohreh Rahbar)

32. A polypill: a drug product in pill form (Carvedilol, Lisinopril, Atorvastatine and Aldactone) or prevention of Cardiotoxicity (accepted in ACC 2019) (Haniyeh Hajiali)

33. The effect of atorvastatin on cardiac function in patients with HER positive breast cancer undergoing chemotherapy (Rezvaneh Shoormeij)

## Advisor of Thesis:

1. Evaluation of systolic and diastolic function of left ventricle by using velocities of mitral annulus in patients with first acute anterior MI and their one month follow up By Ali Rostamzadeh MD 2009 (For Specialty in Degree Cardiology)
2. The therapeutic effects of enhanced external counterpulsation on refractory angina in patients, unsuitable for invasive interventions By Ahmad Ahmadzadeh MD 2010 (For Specialty in Degree Cardiology)
3. Study of clinical and laboratory findings and complications of infectious endocarditis. By Bornak. 2010. (For General Medicine Degree)
4. Efficacy of combination therapy of statin and vitamin C in comparison with statin alone in the prevention of post CABG atrial fibrillation. By Ayda Karimzadeh MD 2011 (For Specialty in Degree Cardiology) Thesis No: 88/3-2/2
5. Tissue Doppler imaging findings in patients with mitral valve prolapse By Elnaz Javanshir MD 2011 (For Specialty in Degree Cardiology)
6. Correlation between Echocardiographic severity of ischemic mitral valve regurgitation following acute myocardial infarction and its electrocardiographic location By Sakineh Hadi MD 2011 (For Specialty in Degree Cardiology)
7. Correlation between the level of RDW and ECG change and Echocardiographic wall motion score index in patients with acute myocardial infarction. By Shahrzad Azarinia MD 2011 (For Specialty in Degree Cardiology)
8. Correlation of wall motion abnormality and coronary angiography in first acute anterior MI. By Somayeh Soleimani MD 2012 (For Specialty in Degree Cardiology)
9. Effects of Vitamin C on postoperative plural effusion in patients with and without anticoagulants therapy. By Taherah Sadeghi MD 2014 (For Specialty in Degree Cardiology)
10. Comparison of Glen with Fontan surgical outcomes in complex congenital patients. By Abdollah Sayadmanesh MD 2014 (For Specialty in Degree Cardiology)
11. Prevalence of prominent crista terminalis after cardiac surgery in patients with normal preoperative TTE. By Mojdeh Rahmat. MD 2014 (For Specialty in Degree Cardiology)
12. Impact of medical versus surgical therapy of significant tricuspid regurgitation on long term survival of patients with severe TR. By Maryam Mousavi MD 2015 (For Specialty in Degree Cardiology)
13. Multi-Modality imaging in HCM patients. Saman Rostambeigi

14. مقایسه اثر بخشی از ترکیب درمانی استاتین و ویتامین C با استاتین به تنهایی در پیشگیری از فیبریلاسیون دهلیزی در بیماران بعد از بای پس کرونری قلب ۱۳۸۹ (استاد مشاور)

15. بررسی تاثیر موسیقی و آوای ترجیحی بر کاهش درد بیماران جراحی عروق کرونری تحت تهویه مکانیکی بستری در بخش مراقبت ویژه مرکز قلب و عروق شهید رجایی شهر تهران ۱۳۹۴ (استاد مشاور)

16. طرح بررسی وضعیت موجود و بهینه سازی آموزش درمانگاهی در مرکز قلب شهید مدنی تبریز ۱۳۹۱ (استاد مشاور)

17. Evaluation of the treatment results of mitral valve valvuloplasty (PTMC) using conventional balloon size (height/10+10) in comparison with PTMC with heigh/10+10+2 balloon size. 2021

18. تاثیر تمرین اینتروال شدید (HIIT) با محدودیت جریان خون (BFR) بر عملکرد قلبی عروقی بیماران کاردیوتوکسیک بعد از درمان سرطان پستان (مطالعه مقدماتی) ۱۳۹۹ (استاد مشاور)

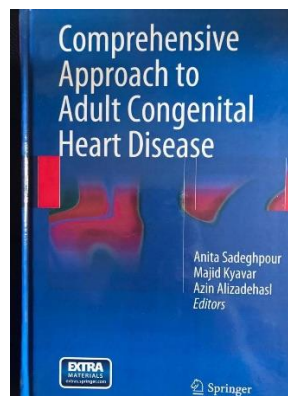
19. Evaluation of correlation between delta radiomic features and cardiotoxicity in cancer patients using machine learning (Masoomeh Ahmadi)

۲۰. ارتقای تشخیص و پیش آگهی در بیماران سارکوئیدوز قلبی با کمک دوفلوی دیجیتال قلب/ ماهک اصولی علمداری

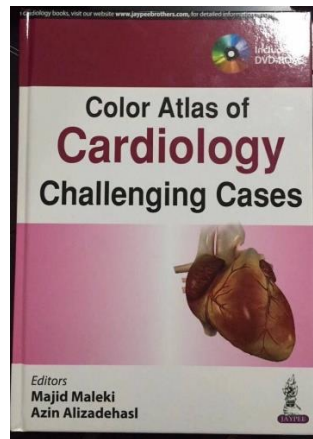
## **Books and CDs**

( \* : *International* ) *With some awards for them*

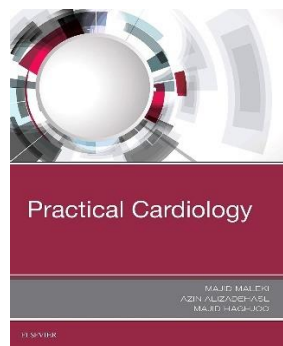
1. **Your body, your health- Heart and Circulation (translating). Teimourzadeh Publication Co. 2002.**
2. **Heart attacks and Strokes. Published by Tabriz University of medical science.**
3. **For Smokers who don't want to quit. One step at a time. Published by Tabriz University of medical science.**
4. **Upper gastrointestinal endoscopy (Edition). By: Agamohammadi MD. Teimourzadeh Publication Co. 2001**
5. **Pregnancy and heart disease (focus on congenital heart disease), Educational CD.**
6. **Anesthesia in patients with IHD (Educational CD)**
7. **Board exams questions (Educational CD)**
8. **Persian translation of the Chamber quantification guideline of American Society of Echocardiography. (Recommendations for evaluation of cardiac chambers by echocardiography in adults: Presented by the American Society of Echocardiography and the Society of News Cardiovascular Imaging Europe Roberto M. Lang, MD, FASE, FESC, Luigi P. Badano, MD, PhD, FESC, Victor Mor-Avi, PhD, FASE, Jonathan Afilalo, MD, MSc, Anderson Armstrong, MD, MSc, ...**
- \* 9. **Comprehensive Approach to Adult Congenital Heart Disease; Springer Publishing Company; Anita Sadeghpour, Majid Kiavar, Azin Alizadehasl. 2014**



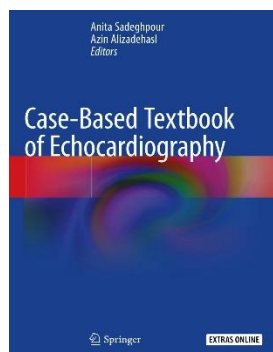
\* 10 • Author and editor of international book with name of “Color Atlas of Cardiology-Challenging Cases” Jaypee Publishing Company. 2017, Majid Maleki, Azin Alizadehasl.



\* 11 • Author and editor of international book with name of “Practical Cardiology” Elsevier Publishing Company. 2017, Majid Maleki, Azin Alizadehasl, Majid Haghjoo. REFERENCE OF CARDIOLOGY BOARD EXAM IN IRAN.

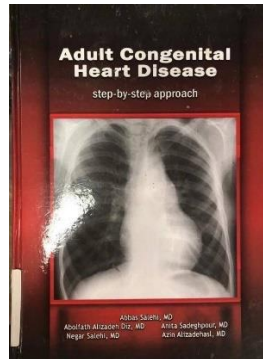


\* 12. Author and Editor of international book with name of “Case based textbook of Echocardiography”, Springer UK. Anita Sadeghpour, Azin Alizadehasl. 2018

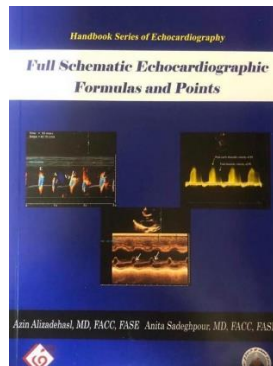




**13. Adult congenital Heart Disease step-by-step approach. Alizadeh diz, Anita Sadeghpour, Negar Salehi, Azin Alizadehasl.**

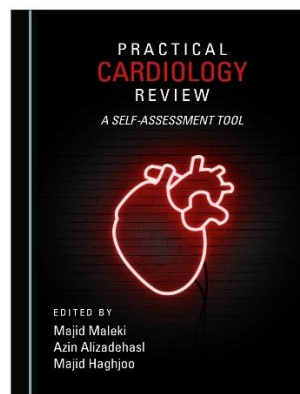


**14. Azin Alizadehasl, MD, Anita Sadeghpour, MD. FULL Schematic Echocardiographic Formulas and Points. 2018**

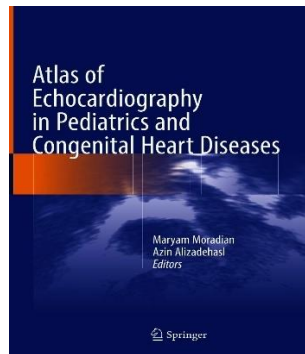


**\* 15. Practical Cardiology Review A Self-Assessment Tool. Majid Maleki, Azin Alizadehasl, Majid Haghjoo. Cambridge Scholars Publishers. 2018**

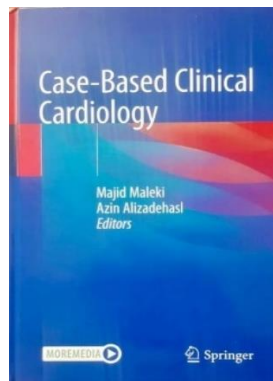
Practical Cardiology Review: A Self-assessment Tool



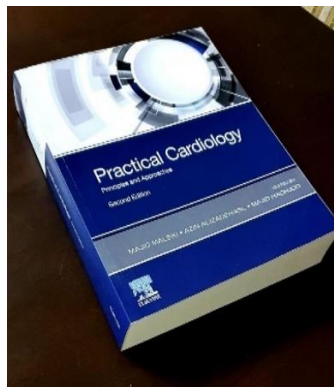
\* 16. **Pediatric Atlas of echocardiography. Springer Company. Maryam Moradian, Azin Alizadehasl, Springer 2021**



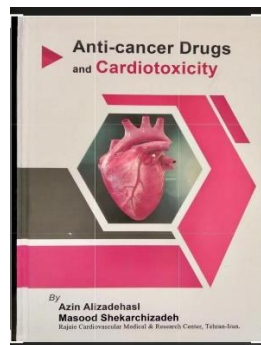
\* 17. **Case based Clinical Cardiology. Springer Company. Majid Maleki. Azin Alizadehasl. 2021**



\* 18. **Second edition of “Practical Cardiology” Elsevier. REFERENCE OF CARDIOLOGY BOARD EXAM IN IRAN. 2022**



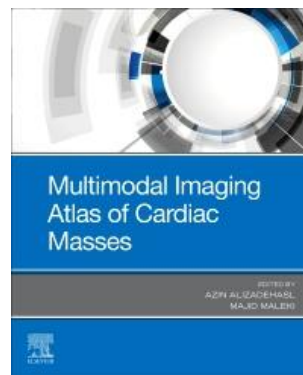
**19. Anti-cancer Drugs and Cardiotoxicity. By Azin Alizadehasl, Masood Shekarchizadeh.**



**20. Practical Points in Cardio-Oncology. Booklet. Azin Alizadehasl, Majid Maleki, Amirhossein Emami, Parisa Samadi, Sara Adimi**

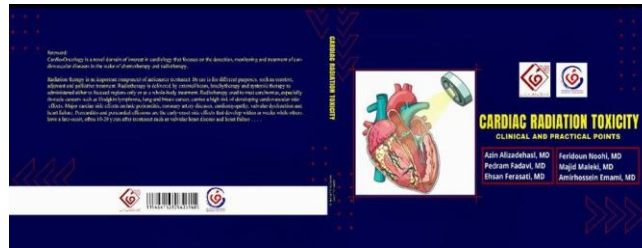


**\* 21. Multimodal Imaging Atlas of Cardiac Masses. Elsevier Publishing Company. Azin Alizadehasl and Majid Maleki. 1st Edition - July 14, 2022**

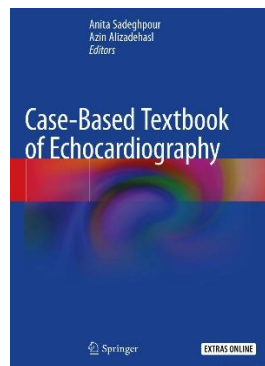


**\* 22. Mastering Skills in Complex Cardiovascular Interventions. Springer. In press**

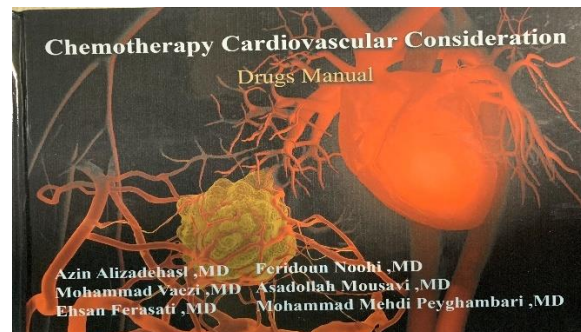
**23. Cardiac Radiation Toxicity Clinical and Fractical Points. Azin Alizadehasl, Feridoun Noohi, Pedram Fadavi, Ehsan Ferasati...**



\* 24. Author and Editor of international book with name of “Case based text book of Echocardiography”, Springer UK. Second Edition. Anita Sadeghpour, Azin Alizadehasl.

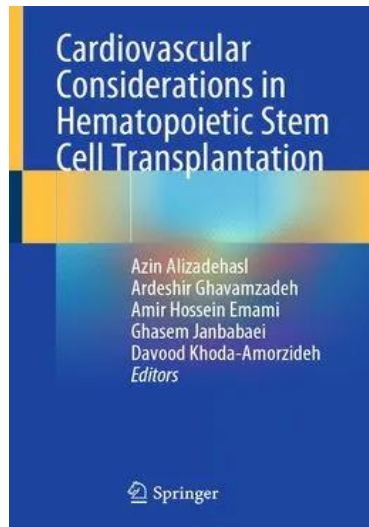


25. **Chemotherapy Cardiovascular Considerations; Drug Manual.** Azin Alizadehasl, Mohammad Vaezi, Ehsan Ferasati, ... et al. 1400.



26. Educational International POSTER about cardiovascular complications of antiCANCER drugs. Azin Alizadehasl, ... et al. 2022.

**\* 27. Cardiovascular considerations in hematopoietic stem cell transplantation (HSCT), Springer company (published in May 2024)**



**\*28. Book chapter: "Thrombotic events in cancer patients ", book title: " Cardio-Oncology - Diagnosis and Therapy ", ISBN 978-1-80356-117-2.**



29. booklet:

درسنامه مراقبت‌های حمایتی و تسکینی سرطان: مدیریت علائم و نشانه‌ها



جمهوری اسلامی ایران  
وزارت بهداشت، درمان و آموزش پزشکی  
سازمان درمان

کتابخانه ملی

مراقبت‌های حمایتی و تسکینی سرطان

مدیریت علائم و نشانه‌ها

مرکز مدیریت پیوند و درمان بیماری‌ها

گروه درمان بیماری‌های غیرواکبر

زمستان ۱۴۰۰

Anti\_Cancer drugs and cardiovascular complications (Poster), 2022

Anti\_Cancer drugs and cardiovascular complications  
Rajaie Cardiovascular Medical and Research Center/Cardio\_Oncology Department

**Anthracyclines and Analogs**

Anthracyclines and Analogs (Doxorubicin, Daunorubicin, Epirubicin, Idarubicin)  
Decreased left ventricular ejection fraction (LVEF), Heart failure (17%-48%), Arrhythmia (Atrial/ventricular, supraventricular and ventricular arrhythmia), Atroventricular block, Bundle branch block, Non-specific ST-T changes on ECG, Ischemic heart disease, Myocarditis, Myocarditis  
Antitumor Antibiotics (Bleomycin)  
Heart failure  
Antitumor Antibiotics (Bleomycin)  
Pleuroeffusion, Pericarditis, Ischemic heart disease, Raynaud's phenomenon, Interstitial pneumonitis/fibrosis/pulmonary hypertension  
Topoisomerase Inhibitors (Etoposide)  
Hypertension, Ischemic heart disease, Vasospastic angina  
Antitumor agents  
Edema, Arrhythmia, Non-specific ST-T changes on ECG, Heart failure, Myocarditis, Ischemic heart disease

**Metic Inhibitors (Microtubule-Targeting Agents)**

Paclitaxel  
Non-specific ST-T changes on ECG, Edema, Hypertension, Ischemic heart disease, Bradycardia, Atrioventricular block, Hypertension, Arrhythmia, Syncope, Venous thromboses  
Docetaxel  
Hypertension, Arrhythmia, Ischemic heart disease, Bradycardia, Atrioventricular block  
Vinorelbine, Vincristine, Vinorelbine  
Hypertension, Ischemic heart disease, Vaso-occlusive complication, Raynaud's phenomenon, Non-specific ST-T changes on ECG, limb ischemia

**Alkylating and Alkylating-Like Agents**

Cyclophosphamide, Ifosfamide  
Myocarditis, Arrhythmia, Heart failure  
Busulfan  
Edema, Tachycardia, Hypertension, Thrombocytopenia, Chest pain, Arrhythmia, Non-specific ST-T changes on ECG, Heart failure  
Cisplatin, Carboplatin, Oxaliplatin  
Vasculopathy, Endothelial dysfunction, Arterial vasospasm, Hypertension, Ischemic heart disease, Stroke, Edema, Thromboembolic events, Endocardial fibrosis/pulmonary fibrosis, Arrhythmia, Pericardial effusion, Raynaud's phenomenon, Bradycardia, LBBB, Heart failure

**Antimetabolites**

5-Fluorouracil  
Coronary vasospasm, Ischemic heart disease, Arrhythmia, Non-specific ST-T changes on ECG, Sudden cardiac death, Heart failure, Local thrombophlebitis, Hypertension, Myocarditis/pericarditis, Stress-induced cardiomyopathy (Takotsubo's Cardiomyopathy)  
Capecitabine  
Edema, Thromboembolic events, Chest pain, Arrhythmia (including atrial fibrillation), Bradycardia, Hypertension, Hypotension, Myocarditis, Pericardial effusion, Coronary vasospasm, Heart failure, Non-specific ST-T changes on ECG, Ischemic heart disease, Sudden death  
Fluorouracil, Pentostatin, Capecitabine, Cytarabine, Methotrexate (MTX)  
Pericarditis, Chest pain (Cytarabine), Arrhythmia (Bradycardia, Supraventricular Arrhythmia) [MTX], Edema, Chest pain, Hypertension (Fluorouracil), Ischemic heart disease, Heart failure

**Monoclonal Antibodies**

HER2/neu Antagonists (Trastuzumab, Pertuzumab)  
Decreased left ventricular ejection fraction (LVEF), Heart failure (17%-41%), Peripheral edema, Hypertension  
Rituximab  
Chest pain, Hypertension, Hypotension, Edema, Arrhythmia, Ischemic heart disease, Takotsubo's Cardiomyopathy, Cardiac shock  
Bevacizumab  
Hypertension, Peripheral edema, Thromboembolic events, Decreased left ventricular ejection fraction, Heart failure, Ischemic heart disease, Stroke, Bleeding  
Alemtuzumab  
Hypertension, Arrhythmia/atrial fibrillation, ventricular tachycardia, Heart failure, Ischemic heart disease, Cardiac shock  
Cetuximab  
Pulmonary embolism, Ischemic heart disease, Arrhythmia, QTc prolongation, Heart failure, Sudden cardiac arrest

**Proteasome Inhibitors**

Bortezomib, Carfilzomib, Ixazomib  
Hypertension, Chest pain, Peripheral edema, Ischemic heart disease, Thromboembolic events, Pulmonary arterial hypertension, Arrhythmia/Bradycardia, Heart block, Atrial fibrillation, heart failure, Syncope

**Tyrosine Kinase Inhibitors**

Sunitinib  
Hypertension, Decreased left ventricular ejection fraction, Increased serum creatinine kinase, Peripheral edema, Ischemic heart disease, Thromboembolic events, Heart failure, QTc prolongation, Arrhythmia  
Sorafenib  
Hypertension, Heart failure, Flushing, Ischemic heart disease, Thromboembolic events, Arrhythmia, QTc prolongation  
Imatinib  
Chest pain, Edema, Hypertension, Pericardial effusion, Heart failure, Flushing, Raynaud's disease, Syncope, Tachycardia, QTc prolongation

**Nilotinib**

Hypertension, Peripheral edema, Peripheral vascular disease, QTc prolongation, Ischemic heart disease, Chest pain, Flushing, Pericardial effusion, Heart failure

**Ponatinib**

Arrhythmia, Heart failure, Edema, Hypertension, Peripheral vascular disease, Ischemic heart disease, Bradycardia, Thromboembolic events, Conduction disorders, Syncope, Cardiac conduction disorder

**Turkercic**

Edema, Cardiac conduction disorder, Ischemic heart disease, Pulmonary hypertension, Pericardial effusion, QTc prolongation, Arrhythmia, Chest pain, Flushing, Hypertension, Tachycardia

**Regorafenib**

Hypertension, Arrhythmia/Atrial fibrillation (AF), Atrial flutter (AF), ventricular arrhythmia (VT), Peripheral edema, Heart failure, Cardiovascular accident

**Vandetanib**

Hypertension, QTc prolongation, Heart failure  
Lapatinib  
Decreased left ventricular ejection fraction, Prinzmetal's angina, Heart failure, QTc prolongation  
Crizotinib, Vemurafenib  
Sicca bronchitis, edema, QTc prolongation, Pulmonary embolism, Arrhythmia, Heart failure, Hypertension, Syncope



**Immune-Modulating Agents (Immune Therapy)**

Immune checkpoint inhibitors:  
CTLA-4 inhibitors (Ipilimumab, Tremelimumab), PD-1 inhibitors (Nivolumab, Pembrolizumab, Cemiplimab)  
PD-L1 inhibitors (Atezolizumab, Durvalumab, Avelumab)  
Myocarditis, Pericarditis, Takotsubo's Cardiomyopathy, Arrhythmia, Ischemic heart disease, Vasculitis, Thromboembolic events  
combination immunotherapy has more side effects and requires more cardiovascular attention

**CAR T cell therapy (Bispecific antigens, Tissue-inhibitors)**

Cytokine release syndrome, Edema, Arrhythmia/atrial fibrillation, Hypotension and shock, hypertension, Thromboembolic events, Heart failure, Central infusion  
Bi-Specific T-Cell Engagers (BiTEs) (Blinatumomab)  
Edema, Arrhythmia, Hypotension and shock, Hypertension, Chest pain, Capillary leak syndrome

**mTOR Inhibitors**

Everolimus  
Hypertension, Edema, Hyperlipidemia, Insulin resistance, Chest pain, Arrhythmia, Heart failure, Thromboembolic events  
Temsirolimus  
Chest pain, Edema, Thromboembolic events, Hypertension

**PI3K Inhibitors**

Idelalisib  
Peripheral edema  
Copanlisib  
Hypertension, Hyperglycemia

**Biological Response Modifiers**

Interferon-alpha  
Dilated cardiomyopathy, Arrhythmia/Supraventricular/Ventricular Heart block, Ischemic heart disease, Heart failure, Hypertension  
Interleukin-2  
Tachycardia, Arrhythmia (Supraventricular/Ventricular), Ischemic heart disease, Myocarditis, Hypertension, Thromboembolic events, Dilated cardiomyopathy  
Dexamethasone, dexamethasone  
Hypertension, Tachycardia, Ischemic heart disease, Arrhythmia, Heart failure

**Differentiation Agents**

All-trans retinoic acid (ATRA)  
Arsenic trioxide (ATO)  
QTc Prolongation/Torsades de pointes (TdP) [ATRA]  
Peripheral edema, Arrhythmia, Hypertension, Hypotension, Heart failure, Pericardial effusion/Tamponade, Ischemic heart disease

**Miscellaneous**

Selective Estrogen Receptor Modulators (Toremifen, Bicalutamide)  
Thromboembolic events, Flushing, Hypertension, Peripheral edema, Vasodilation, Chest pain, Ischemic heart disease  
Aromatase inhibitors (Anastrozole, Letrozole, Exemestane)  
Ischemic heart disease, Chest pain, Hypertension, Hyperlipidemia, Edema, Thromboembolic events, Hypercholesterolemia, Heart failure  
Antiandrogens:  
Enzalutamide, Darolutamide, Apalutamide, Flutamide, Bicalutamide  
OPIT inhibitors (Abiraterone)  
Hypertension, Peripheral edema, Ischemic heart disease, Heart failure, Arrhythmia, QTc prolongation, Edema, Thromboembolic events  
Gonadotropin-Releasing Hormone [GnRH] Agonist (Leuprolide, Goserelin, Triptorelin, Buserelin, Histrelin)  
Hypertension, Ischemic heart disease, Peripheral edema, Thromboembolic events, Arrhythmia/including atrial fibrillation, QTc prolongation, Syncope, Heart failure  
GnRH Antagonist (Degarelix, Relugolix)  
Hypertension, QTc prolongation, Ischemic heart disease  
Immuno-Modulatory Drugs (IMiDs)  
Thalidomide, Lenalidomide  
Thromboembolic events, Edema, Ischemic heart disease, Atrial fibrillation, Bradycardia, Hypertension, Hypotension  
CDK 4/6 inhibitors:  
Palbociclib, Ribociclib  
Peripheral edema, QTc prolongation, Sudden cardiac death, Syncope  
Anti-Hormonal Therapy (Diethylstilbestrol, Estamustine)  
Edema, Thromboembolic events, Ischemic heart disease, Stroke, HTN, Heart failure  
Histone Deacetylase Inhibitors (HDAC-i):  
Vorinostat, Romidepsin  
Peripheral edema, QTc prolongation, Thromboembolic events, Non-specific ST-T changes on ECG, Arrhythmia (Supraventricular/Ventricular), Hypertension, Syncope



## انتشار اخیر پنج جلد کتاب فوق تخصصی توسط یکی از اساتید قلب و عروق کشور و عروق کشور از مرکز درمانی، آموزشی و تحقیقاتی شهید رجایی

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یکی از کتابهای این مولف در کنار دکتر مجید ملکی و دکتر مجید حق جو، با عنوان Practical Cardiology: از انتشارات Elsevier؛ رفرنس امتحان بورد قلب و عروق کشور است.



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