

## CURRICULUM VITAE

\*الدكتور محمد إسماعيل سليم جراح.  
\* استشاري أمراض القلب والشرايين/مستشفى الملك المؤسس عبدالله الجامعي.  
\*أستاذ مشارك/كلية الطب/جامعة العلوم والتكنولوجيا الأردنية.

### PERSONAL INFORMATION:

Name :Mohamad Ismail SalimJarrah

Date of birth: Nov 1/1973

Associate Professor of Cardiology

Faculty of Medicine-Jordan University of Science and Technology

### مخلص السيرة الذاتية

- أستاذ مشارك في أمراض القلب والشرايين/جامعة العلوم والتكنولوجيا الأردنية.
- استشاري أمراض القلب والشرايين/مستشفى الملك المؤسس عبدالله الجامعي.
- البورد الأردني في أمراض القلب والشرايين للمجلس الطبي الأردني عام ٢٠١٣.
- البورد الأردني في الأمراض الباطنية - ٢٠٠٥.
- بكالوريوس طب وجراحة- جامعة تشرين سوريا -١٩٩٨
- عدد الأبحاث العلمية المنشورة في مجلات عالمية محكمة أكثر من ١٠ بحوث.
- رئيس شعبة أمراض القلب للأعوام. 2013-2019.
- مدير مركز الأميرة منى لأمراض القلب لغاية تاريخه.
- عضو في لجنة البحث على الإنسان (٢٠١٨-٢٠٢٠)
- الإشراف على عدد من رسائل الماجستير.
- ممثل قسم الباطني في مجلس الكلية .
- رئيس اللجنة الاجتماعية في قسم الأمراض الباطنية.
- مشارك دائم في امتحانات المجلس الطبي الأردني للأمراض الباطنية.
- عضو لجنة أمراض القلب في المجلس الطبي الأردني .
- المشاركة في مؤتمرات عالمية ومحلية متخصصة وإلقاء محاضرات وطرح أبحاث علمية فيها.
- عضو اللجنة العلمية للتحضير لمؤتمر أمراض القلب- جمعية أطباء القلب الأردنية الثاني عشر-الثالث عشر.
- المشاركة في العديد من ورشات العمل والكورسات والأنشطة والدورات والمحاضرات العلمية وإلقاء محاضرات فيها.
- عضو لجنة جمعية شباب المزار للعمل التطوعي الخيري.

## **Personal Details**

**Address: Department of Internal Medicine**

**Correspondence: Interventional Cardiology**

**P.O Box 2210 - Irbid-Jordan**

**Official Telephone Number: 00962-7200600-ext-40705**

**Fax: 00962-9-7200624**

**Mob: 0777418499**

**Mob: 0797443688**

**E-mail: mijarrah@just.edu.jo**

## **Academic Qualifications and Professional Training**

\* Jordanian Board of Cardiology- September 2011 (Jordan Medical Council –Amman).  
Cardiology Fellowship (Tubingen University (2008-2010).

Cardiology Fellowship-Queen Alia Cardiac Center (2007-2008) Amman-Jordan.

Jordan Board of Internal Medicine (2005) (Jordan Medical Council –Amman).\*

\*Certificate of Higher Specialization in Internal Medicine at Jordan University of Science and Technology (JUST), Irbid, Jordan (very good rate).

- July 2001- June 2005: King Abdullah University Hospital (KAUH) , residency in Internal Medicine.

KAUH is a tertiary referral university hospital including all branches of medical practice. Our Internal medicine department includes all subspecialties which I attended during my residency program with special interest in cardiology and nephrology that allowed me many interventional procedures at medical floors, ICUs & ER including a lot of central lines insertions, pace maker insertions, and other medical procedures.

Students clinic at Al Yarmouk University as a general practitioner. Irbid–Jordan.

(August 2000- May 2001)

Internship rotation at Jordan University Hospital (1999-2000).- January 1999 – January 2000: Jordan University Hospital ( JUH) – Amman: Multidisciplinary internship.

1992-1998: Bachelor Degree in Medicine and Surgery at University of Tishreen- Syria.

### **Current Posts**

- *Full Time lecturer in Cardiology diseases (August 2011-September 2011).*
- *Associate Professor 2011- up to now.*
- *Head of Cardiology Department (2013-2019).*
- *Director of the Princess Muna Center for Heart Diseases (2020-2021)*
- *Head of Social Committee in the Department of Internal Medicine.*

### **PROFESSIONAL MEMBERSHIPS:**

Jordanian Medical Association.

Jordan Cardiac Society

The 12 th International Conference of the Cardiac Society – Scientific committee.

The 13 th International Conference of the Cardiac Society – Scientific committee.

### **Medical Conferences**

*Luebeck Interventional Cardiology Course (LICC) 4-8 October 2010.*

*Euro PCR- Paris- 2102*

*The European Board for Accreditation in Cardiology (EBAC) 2012*

*The European Board for Accreditation in Cardiology (EBAC) 19-21 June 2013*

*The 12 international conference of the Jordan Cardiac Society (April 8-9 2015*

*Cardioalex 2-5 June 2015*

*ESC-Congress- London 2015 29 August-2 September*

*Euro PCR (17-20/ 5/2016.*

*Gulf PCR (14-15/12 2016*

*Complex Interventional techniques lessons for the masters-chapters 17-19/11/2016 Vapi-India*

*CardioEgypt 20-23 February 2017*

### **Posters and Presentations:**

*ESC-Congress- London 2015 29 August-2 September*

*Middle Eastern Patients Undergoing PCI: Factors that Impact the In-hospital and one Year outcome Results from the first Jordanian PCI Registry (JoPCR1)*

*[www.clinicaltrials.gov](http://www.clinicaltrials.gov) identifier No.NCT01841346.*

*Cardioalex 2015*

*Oral Presentation: CRUSADE Bleeding Risk Score for 2426 Middle Eastern PCI Patients in Jordan.*



## **Publications**

1-Gender differences in risk profile and outcome of Middle Eastern patients undergoing percutaneous coronary intervention

**Mohamad I. Jarrah**, MD, **Ayman J. Hammoudeh**, MD, FACC, **Dalal B. Al-Natour**, PharmD, **Yousef S. Khader**, MSPH, ScD, **Ramzi A. Tabbalat**, MD, FACC, **Imad A. Alhaddad**, MD, FACP, FACCC, and **Susan M. Kullab**, MD

Saudi Med J. 2017 Feb; 38(2): 149–155.

doi: [10.15537/smj.2017.2.16301](https://doi.org/10.15537/smj.2017.2.16301)

2-Major bleeding events in Jordanian patients undergoing percutaneous coronary intervention: incidence, associated factors, impact on prognosis, and predictability of the CRUSADE bleeding risk score. Results from the First Jordanian PCI Registry (JoPCR1)

**MohamadJarrah**<sup>1</sup>, **AymanHammoudeh Hammoudeh**<sup>2</sup>, **Osama Okkeh**<sup>2</sup>, **Yousef Khader**<sup>3</sup>, **Sahem Gharaibeh**<sup>1</sup>, **Laith Nasser**<sup>1</sup>, **Amro Rasheed**<sup>4</sup>, **Ayed Al-hindi**<sup>4</sup>, **Mohammad Mohealdeh**<sup>4</sup>, **Haneen Kharabsheh**<sup>1</sup>, **Hanan Abunimeh**<sup>5</sup>, **Enas Hijjeh**<sup>5</sup>, **Lina Tashman**<sup>5</sup>, **Delia Omar**<sup>5</sup>, **Nadeen Kufoor**<sup>6</sup>

Anatol J Cardiol. Ahead of Print: AJC-57355 | DOI: [10.14744/AnatolJCardiol.2017.7530](https://doi.org/10.14744/AnatolJCardiol.2017.7530)

3-Telecardiology Application in Jordan: Its Impact on Diagnosis and Disease Management, Patients Quality of life, and time -and Cost-Savings

**YousefSaleh Khader**,<sup>1</sup>**Mohamad Ismail Jarrah**,<sup>2</sup>

**Abde-EllahM. Al-Shudifat**,<sup>3</sup>**Amjad Shdaifat**,<sup>3</sup> **Husham Aljanabi**,<sup>4</sup>

**ShadwanIsmeil Al-Fakeh**,<sup>4</sup> **Elias Emil Turk**,<sup>4</sup> **Khaled Ali Zayed**,<sup>4</sup> **Hanadi A. Al Quran**,<sup>3</sup>

**ZiadMohd Ellauzi**,<sup>4</sup>and**Mohammad Al Tahan**

International Journal of Telemedicine and Applications

Volume 2014, Article ID 819837, 6 pages

<http://dx.doi.org/10.1155/2014/819837>

4-Automatically Determining the Location and Length of Coronary Artery Thrombosis Using Coronary Angiography

**Mahmoud Al-Ayyoub**, **Ala'aOqaily**, **Mohammad I. Jarrah**, **HudaKarajeh**

*International Journal of Computer Science and Information Security (IJCSIS)*, Vol. 14, No. 3, 2016

5-Cardiovascular risk factors in Middle Eastern patient undergoing percutaneous coronary intervention :Result from the first Jordanian percutaneous coronary intervention study

**Ayman J. Hammoudeh**<sup>a</sup>, **Imad A. Alhaddad**<sup>b</sup>, **YousefKhader**<sup>c</sup>, **RamziTabbalat**<sup>d</sup>, **Eyas Al-Mousa**<sup>a</sup>, **AkramSaleh**<sup>e</sup>, **MohamadJarrah**<sup>f</sup>, **AssemNammas**<sup>g</sup>, **Mahmoud Izraiq**<sup>h</sup>

<http://dx.doi.org/10.1016/j.jsha.2016.10.002>

6-The Relationship Between Cardiovascular Diseases and Cancer Through Understanding The Molecular roles of p53

**MohamadI.jarrah**, **MahasenS.Al-Najar**, **SulaimanAlmomany** and **Ashraf O.Owais**

Research Journal of Biological Sciences 9 (6): 220-222, 2014

ISSN: 1815-8846

7-The significance of circulating endothelin-1 as a predictor of coronary artery disease status and clinical outcomes following coronary artery catheterization

Fadia Mayyas a, □, **Mohammad Al-Jarrah** b,c, Khalid Ibrahim b,d, Doaa Mfady a, David R. Van Wagoner  
Cardiovascular Pathology 24 (2015) 19–25

8-Incidence and prognosis of stent thrombosis following percutaneous coronary intervention in Middle Eastern patients: The first Jordanian Percutaneous Coronary intervention registry (JoPCR1)

Akram Saleh, a Ayman Hammoudeh, b Ramzi Tabbalat, c Imad Al-haddad, d Eyass Al-Mousa, b  
**Mohammad Jarrah**, e Mahmoud Izraiq, f Assem Nammass, f Husham Janabi, g Lewa Hazaymeh, a Ali  
Shakhatreh, a Youssef Khadder h  
Ann Saudi Med 2016; 36(1): 17-22  
DOI: 10.5144/0256-4947.2016.17

9-Sinus of valsalva aneurysm with fistula to the right atrium presented as acute heart failure in young man

**Khalid Shaker Ibrahim**, **Nizar Radi Waqfi**, **Mohammad Ismael Jarrah**  
Am J Case Rep, 2013; 14: 398-400  
DOI: 10.12659/AJCR.889142

10-Investigating role of Statins in preventing Doxorubicin-induced cardiotoxicity in rat

Nizar M. Mhaidat, Adnan M Massadeh, Karem H Alzoubi, **Mohamad Al-Jarrah**, Seena O Hatuqai, Ali shoter  
A journal for biology beyond borders

11-Short- and long-term outcomes in Middle Eastern diabetic patients after percutaneous intervention: results from The First Jordanian PCI Registry (JoPCR1)

Ayman J. Hammoudeh<sup>1</sup>, Ramzi Tabbalat<sup>2</sup>, Imad A. Alhaddad<sup>3</sup>, Youssef Khader<sup>4</sup>  
**Mohamad Jarrah**<sup>5</sup>, Mahmoud Izraiq<sup>6</sup>, Eyas Al-Mousa<sup>1</sup>

Diabetol Int

DOI 10.1007/s13340-016-0273-z

12- Same –Day Discharge After Percutaneous Coronary Intervention in Middle Eastern Patients. Results From the First Jordanian Percutaneous Coronary Registry (JOPCRI)

Mahmoud Izraiq<sup>1</sup>, MD; Ayman J. Hammoudeh<sup>2</sup>, MD, FACC; Youssef Khader<sup>3</sup>, BDs, MSc, MSPH, MHPE, ScD;

Ramzi Tabbalat<sup>4</sup>, MD, FACC; Imad Alhaddad<sup>5</sup>, MD, FACP, FACC; Assem Nammass<sup>6</sup>, MD, FACC;  
Mohammad Jarrah<sup>7</sup>, MD; Eyas Al Mousa<sup>1</sup>, MD, FACC; Akram Saleh<sup>8</sup>, MD.

Asian Journal of Health and Medical Research (AJHMR)

Volume 2, Issue 3, December, Page No.40-47, 2016

13- Frequency and Types of Electrocardiogram Abnormalities Found During Electroencephalogram Recordings  
Khalid El-Salem<sup>1</sup>, Ahmed Yassin<sup>1</sup>, Abdel-Hameed Al-Mistarehi<sup>1</sup>, Sumayyah Abumurad<sup>1</sup>, Mohammad Qasaimeh<sup>1</sup>, Raid

Kofahi<sup>1</sup>, Kefah Alhayk<sup>1</sup>, Majdi Al Qawasmeh<sup>1</sup>, Salma Bashayreh<sup>1</sup>, Mohamad Jarrah<sup>1</sup>

<sup>1</sup>Jordan University of Science and Technology

14- Acute myocardial infarction with cardiogenic shock in a young physically active physician concurrently using the anabolic steroid sustanon: A case report June 2020

· Biomedical Reports 13(3)(DOI: 10.3892/br.2020.1321

Acute myocardial infarction with cardiogenic shock

in a young physically active physician concurrently

using the anabolic steroid sustanon: A case report

NASR ALRABADI<sup>1</sup>, MOHAMAD ISMAIL JARRAH<sup>2</sup> and KAREM HASAN ALZOUBI<sup>3</sup>

<sup>1</sup>Department of Pharmacology, Faculty of Medicine; <sup>2</sup>Department of Internal Medicine;



Interventional Cardiology Division, Faculty of Medicine; 3Department of Clinical Pharmacy,  
Faculty of Pharmacy, Jordan University of Science and Technology, Irbid 22110, Jordan  
Received October 31, 2019; Accepted February 5, 2020  
DOI: 10.3892/br.2020.1321

15- The use of echocardiographic and clinical data recorded on admission to simplify decision making for elective percutaneous.

coronary intervention: a prospective cohort study

Rabah M. Al abdi<sup>1\*</sup>, Hussam Alshraideh<sup>2</sup>, Heba H. Hijazi<sup>3</sup>, Mohamad Jarrah<sup>4</sup> and Mohammad S. Alyahya<sup>3</sup>  
Al abdi et al. BMC Medical Informatics and Decision Making (2019) 19:46

<https://doi.org/10.1186/s12911-019-0797-9>

16- Screening for obstructive sleep apnea among patients undergoing coronary catheterization in Jordan

Mohamad I Jarrah<sup>1</sup>, Ahmed M Yassin<sup>2</sup>, Rasheed K Ibdah<sup>1</sup>, Ali M Ibnian<sup>1</sup>, Ahmad A Eyadeh<sup>1</sup>, Basheer Y Khassawneh<sup>1</sup>

Department of Internal Medicine

Faculty of Medicine, Jordan University of Science and Technology, Irbid- Jordan

<sup>2</sup>Department of Neuro sciences, Faculty of Medicine, Jordan University of Science and Technology, Irbid, Jordan

<http://doi.org/10.2147/VHRM.S203307>

17- Factors affecting hypertensive patients' compliance with healthy lifestyle

Qais Alefan<sup>1</sup>, Dima Huwari<sup>1</sup>, Osama Y Alshogran<sup>1</sup>, Mohamad I Jarrah<sup>2</sup>

<sup>1</sup>Department of Clinical Pharmacy

Faculty of Pharmacy, Jordan University of Science and Technology, Irbid, Jordan

<sup>2</sup>Department of Internal Medicine

Faculty of Medicine, Jordan University of Science and Technology, Irbid, Jordan

<http://doi.org/10.2147/PPA.S198446>

18- The Most and the Least Performed Self-Care Behaviors Among Patients With Heart Failure in Jordan

Loai Issa Tawalbeh, PhD, RN<sup>1</sup>, Ahmed Mohammad Al-Smadi, PhD, RN<sup>2</sup>, Mohammed Al Bashtawy, PhD, RN<sup>1</sup>, Maen Al Jezawi, PhD, RN<sup>1</sup>, Mohamad Jarrah, MD<sup>3</sup>, Ahmed S. Musa, PhD<sup>1</sup>, and Sami Aloush, PhD, RN<sup>1</sup>

<https://doi.org/10.1177/1054773818779492>

19- Prevalence of undiagnosed COPD in male patients with coronary artery disease: a cross-sectional study in Jordan.

Basheer Y Khassawneh,<sup>1</sup> Shaher M Samrah,<sup>1</sup> Mohamad I Jarrah,<sup>1</sup> Rasheed K Ibdah,<sup>1</sup> Ali M Ibnian,<sup>1</sup> Abdelhameed W Almistarehi,<sup>1</sup> Aseel A Zghayer,<sup>1</sup> Saddam I Abuqudairi,<sup>1</sup> and Yousef S Khader<sup>2</sup>

Int J Chron Obstruct Pulmon Dis. 2018; 13: 2759–2766 .

Published online 2018 Sep 5. doi: 10.2147/COPD.S172679

20- Non-cardiac Chest Pain and Anxiety: A Possible Link to Vitamin D and Calcium

Mohammad J. Alkhatatbeh<sup>1</sup>, Khalid K. Abdul-Razzak<sup>1</sup> · Noor · A. · Amara<sup>1</sup> · Mohamad · Al-Jarrah<sup>2</sup>

Non-cardiac Chest Pain and Anxiety: A Possible Link to Vitamin D and Calcium

Springer

June 2019 -DOI: 10.1007/s10880-018-9579-2

21- The Most and the Least Performed Self-Care Behaviors Among Patients With Heart Failure in Jordan

Loai Issa Tawalbeh, PhD, RN1, Ahmed Mohammad Al-Smadi, PhD, RN2, Mohammed Al-Bashtawy, PhD, RN1, Maen Al-Jezawi, PhD, RN1, Mohamad Jarrah, MD3, Ahmed Al-Mahasees, PhD (Candidate)1, and Sami Aloush, PhD, RN1

DOI: 10.1177/1054773818779492

22- Reality of obesity paradox: Results of percutaneous coronary intervention in Middle Eastern patients

Mohamad Jarrah1, Ayman J. Hammoudeh2, Yousef Khader3, Ramzi Tabbalat4, Eyas Al-Mousa2, Osama Okkeh5, Imad A. Alhaddad6, Loai Issa Tawalbeh7 and Issa M. Hweidi8

DOI: 10.1177/0300060518757354

<https://doi.org/10.1177/0300060518757354>

23- Applying DESyne coronary stent system in patients with ischemic heart disease: experience from Jordan

Mohamad I Jarrah,1 Nasr Alrabadi,2 and Karem H Alzoubi3

doi: 10.2147/MDER.S180101

24- Long-Term Follow-Up of Contrast-Induced Acute Kidney Injury:

A Study from a Developing Country

Ashraf O. Oweis,1 Sameeha A. Alshelleh,2 Nesreen Saadeh,3 Mohamad I. Jarrah,4 Rasheed Ibdah,4 and Karem H. Alzoubi 5

<https://doi.org/10.1155/2020/8864056>

25- Utilization of Guidelines-recommended secondary cardiovascular preventive medications in a decade or more survivors after coronary revascularization in the Middle East; analysis from the DECADE PLUS S

A. Hammoudeh1, L. Qabbaa2, I.A. Alhaddad3, M. Izraiq4, M. Jarrah5, D. Shami6, M. Hattar6, Z. Dahabreh7, M. Al-Jarrah5, A. Othman5, M. Al-Kouz6, Y. Shahwan2, M. Alfawara2 ESC Congress 2020 – The Digital Experience

19 August – 1 September 2020

26- The Impact of Coexistence of Smoking and Diabetes on the Coronary Artery Severity and Outcomes following Percutaneous.

27- Coronary Intervention: Results from the 1ST Jordanian PCI Registry

Mohamad I. Jarrah,1 Said Al-Khatib,2 Yousef Khader,3 Hanin N. Al-Kharabsheh,2 Ayman Hammoudeh,4 Karem H. Alzoubi,5 and Nasr Alrabadi 6

<https://doi.org/10.1155/2020/7624158>

- 28 - COVID Pandemic stresses trigger ST-elevation and non-ST-elevation acute myocardial infarction in Middle Eastern individuals not infected with the virus: European Journal of Preventive Cardiology
- 29- Utilization of Guidelines-recommended secondary cardiovascular preventive medications in a decade or more survivors after coronary revascularization in the Middle East; analysis from the DECADE PLUS S
- 30- Diagnostic value of electrocardiogram during routine electroencephalogram.
- 31- Nutritional status and its determinants among community-dwelling older adults in Jordan.  
Factors affecting hypertensive patients' compliance with healthy lifestyle.
- 32- The Most and the Least Performed Self-Care Behaviors among Patients with Heart Failure in Jordan.
- 33- Long-Term Follow-Up of Contrast-Induced Acute Kidney Injury: A Study from a Developing Country.
- 34- Non-cardiac Chest Pain and Anxiety: A Possible Link to Vitamin D and Calcium.
- 35- Statin eligibility based on the ACC/AHA guidelines among Middle Eastern patients with diabetes mellitus presenting with acute myocardial infarction.
- 36- Screening for obstructive sleep apnea among patients undergoing coronary catheterization in Jordan.
- 37- Applying DESyne coronary stent system in patients with ischemic heart disease: experience from Jordan.
- 38- The association between the serum level of vitamin D and ischemic heart disease: a study from Jordan.
- 39- Prevalence of undiagnosed COPD in male patients with coronary artery disease: a cross-sectional study in Jordan.
- 40- The Impact of Coexistence of Smoking and Diabetes on the Coronary Artery Severity and Outcomes following Percutaneous Coronary Intervention: Results from the 1<sup>ST</sup> Jordanian PCI Registry.
- 41- Acute myocardial infarction with cardiogenic shock in a young physically active physician concurrently using the anabolic steroid sustanon: A case report.
- 42- The use of echocardiographic and clinical data recorded on admission to simplify decision making for elective percutaneous coronary intervention: a prospective cohort study.