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CAREER OBJECTIVES

A cardiac surgeon looking to apply my excellent skills and deep knowledge of advanced surgical procedures which were obtained during my training in the United States and throughout my years at an academic institution. This would be to handle patient needs on time and to establish the awareness of surgical cure of the under diagnosed patients with pulmonary hypertension secondary to chronic pulmonary embolism.

CAREER SUMMARY

I graduated from the Jordan University faculty of medicine (Amman, Jordan) in 1993. I spent the following 6 years at the Jordan University Hospital as a rotating intern, then as a General Surgery resident. In 2000, I obtained the Higher Specialization Certificate from the Jordan University and the Jordanian Board in General Surgery. After that, I joined the Cardiac Surgery Fellowship program at Jordan University of Science and Technology (JUST) which sponsored me for 8 months at the Queen Alia Heart Institute in Jordan.

Starting from the year 2001, I pursued my training in cardiac surgery in the United states of America. Firstly, I was part of the Emory University cardiac surgery fellowship program (Atlanta, GA, USA) from 2001 to 2003. I had the opportunity to scrub in with professors Robert A. Guyton and John D. Puskas in more than 500 cases; I was the primary surgeon in more than half the cases. I thus operated a diversity of adult Cardiac surgeries, particularly harvesting skeletonized BIMAs and radial artery, and performing off-pump total arterial revascularization in addition to valve, aorta and congenital adult surgeries.

In 2004, I was inclined to further develop my surgical techniques. Therefore, I joined the University of California at San Diego Cardiothoracic Surgery team lead by professor Stuart Jamieson and held the position of senior clinical fellow. I gained the ability to execute Pulmonary Thromboendarterectomy (PTE) for chronic pulmonary hypertension.

In August 2005, I returned to Jordan. I passed the Jordanian Board in Cardiac Surgery then was appointed attending cardiovascular surgeon in Princess Muna Heart Center at the King Abdullah University Hospital (KAUH), Irbid, Jordan. My main interest is off-pump CABG and valve surgery (replacement using mechanical/ biological valves or repair). Moreover, I cover acute cases in the coronary catheterization lab.

My responsibilities at KAUH extend to academic duties. I am indeed assistant professor at the faculty of medicine in Jordan University of Science and Technology. I accompany fourth and sixth year medical students rotating in the cardiac surgery department through clinical rounds and give them lectures and seminars in my field of expertise. Also, I tutor general surgery residents whether it is through weekly academic sessions or through hands-on learning during their rotation at the cardiac surgery division. I am also a member of our department scientific committee, involved in fourth and sixth year medical students' and general surgery residents' end rotation (OSCE) and written examinations.

A three-year fellowship program was recently created at our division that would allow the fellows to sit for the Jordanian Board examination in cardiac surgery by the end of it.

My main research interests are coronary artery surgery and valve surgery.

EDUCATION

1987 to 1993

- Medical School: University of Jordan, Amman, Jordan

1994 to 2000

- Residency: General Surgery, Jordan University Hospital, Amman, Jordan

2000 to 2001

- Fellowship: Cardiac Surgery, Jordan University of Science and Technology/Queen Alia Heart Institute, Amman, Jordan

2001 to 2003

- Clinical Fellowship: Adult Cardiac Surgery, Emory University, Atlanta, GA, USA

2004 to 2005

- Clinical Fellowship: Adult Cardiac Surgery, University of California, San Diego, CA, USA

CERTIFICATION

1993 MBBS, Jordan University, Amman, Jordan

1994 ECFMG Certificate

2000 Higher Specialization Certificate in General Surgery, Jordan University

2000 Jordanian Board in General Surgery

2003 Cardiothoracic Surgery Fellowship Certificate, Emory University, Atlanta, GA, USA

2005 Cardiothoracic Surgery Fellowship Certificate, University of California, San Diego, CA, USA

2005 Jordanian Board in Cardiac Surgery

PROFESSIONAL EXPERIENCE

2005 to Present Adult Cardiovascular Surgery Attending, King Abdullah University Hospital, Irbid, Jordan

Present Academic Post Associate Professor, Department of General Surgery, Faculty of Medicine, Jordan University of Science and Technology, Jordan

AREAS of SPECIAL INTEREST

Off-pump Coronary Bypass Surgery

Valve Surgery

Pulmonary Thromboendarterectomy

COMMITTEES and Administrative POSITIONS

Sep. 2024 to Present	Head Division of Cardiac Surgery, Dept. of General surgery, Faculty of Medicine, Jordan University of Science and Technology and King Abdullah University Hospital
2019 to 2021	CEO, princess Muna Heart Center, King Abdullah University Hospital
2016 to 2018	Head Division of Cardiac Surgery, Dept. of General surgery, Faculty of Medicine, Jordan University of Science and Technology and King Abdullah University Hospital
2018 to 2022	Member of Jordanian Medical Council Board Scientific committee and examiner
2012 to 2013	General Surgery Department Representative in Faculty of Medicine Council, Jordan University of Science and Technology, Irbid, Jordan
2007 to 2011	Scientific Committee, "Heart: from Bench to Clinical Practice" Conference, Jordan University of Science and Technology, Irbid, Jordan
2009 to 2011	General Surgery Higher Education Committee, King Abdullah University Hospital, Irbid, Jordan
2010 to 2011	Morbidity and Mortality Committee, King Abdullah University Hospital, Irbid, Jordan
2005 to Present	Examiner: 4 th and 6 th medical students and general surgery residents
2008 to Present	Reviewer for many Cardiac Surgery Journals

SELECTED COURSES and ACTIVITIES

2006	Invited speaker: Pulmonary Thromboendarterectomy for Chronic Pulmonary Hypertension, Jordan Heart Society, Amman, Jordan
2007	Workshop on Methods of Medical Students Assessment, Philadelphia State University
2008	Mitral Valve Repair Workshop, Milano, Italy
2008	Workshop on methods of students' assessment and evaluation, JUST
2009	Wet-lab on recent advances of hemostatic agents in cardiac surgery, American University of Sharjah, UAE
2009	Workshop on SPSS use, JUST
2014	Wet lab Workshop on aortic valve repair held in Amman under supervision of Dr. Jebren Khouri. The event was sponsored by St. Judes.
2015	Wet lab Workshop on Percival sutureless aortic valve replacement. The event was supervised by Sorin.
2018	Workshop on Education based on Problem Solving, JUST
2019	Workshop on new strategies on Education Methods, JUST
2005 to Present	Attended multiple international and local cardiac surgery conferences
2005 to Present	Monthly Cath Meeting held by Jordanian Heart Society
2006 to Present	Annual Medical Days, Faculty of Medicine, JUST

PUBLICATIONS

1. Alwaqfi, N., AlBarakat, M.M., Qariouti, H. et al. Stroke after heart valve surgery: a single center institution report. J Cardiothorac Surg 19, 518 (2024).
2. Nizar R Alwaqfi , Majd M AlBarakat , Rana B Altawalbeh, Hala R Qaryouti, Abdullah Al momani , Ahmed S Obeidat , Ayah J Alkrarha , Khalid S Ibrahim , Qusai Aljarrah, Nisreen Yaghmour. Determining the Predictors of Temporary Epicardial Pacing Wires Use After Isolated Coronary Artery Bypass Grafting Surgery. Vascular Health and Risk Management (Accepted for Publication).
3. Nizar R. Alwaqfi and Khalid S. Ibrahim. COVID-19: an update and cardiac involvement. Journal of Cardiothoracic Surgery (2020) 15:239
4. Nizar R. Alwaqfi, Majd M. AlBarakat , Walid K. Hawashin , Hala R. Qariouti , Ayah J. Alkrarha , Rana B. Altawalbeh Predicting Extended Intensive Care Unit Stay Following Coronary Artery Bypass Grafting and Its Impact on Hospitalization and Mortality Journal of Clinical Medicine Research. 2025;17(1):14-21
5. AlWaqfi NR, Ibrahim KS, Khader YS, Baker AA. Predictors of temporary epicardial pacing wires use after valve surgery. J Cardiothorac Surg. 2014 Feb 12;9(1):33.
6. Nizar R. AlWaqfi, Khalid S. Ibrahim. Stroke After Coronary Artery Surgery: A Single Center Report. Int J Angiol 2014; 23;171-176.
7. AlWaqfi N, Khader Y, Ibrahim K. Coronary artery bypass: predictors of 30-day operative mortality in Jordanians. Asian Cardiovasc Thorac Ann. 2012 Jun;20(3):245-51.
8. AlWaqfi NR, Khader YS, Ibrahim KS, Eqab FM. Coronary artery bypass grafting: 30-day operative morbidity analysis in 1046 patients. J Clin Med Res. 2012 Aug;4(4):267-73.
9. AlWaqfi N, Ibrahim K, Kharashgah MN. Coronary Artery Bypass as Adequate treatment for Entrapped Coronary Angioplasty Catheter. Thorac Cardiovasc Surg. 2011 Oct;59(7):441-2.
10. Ibrahim K, Kherallah K, AlWaqfi N, Mayyas F, Abdallat S, Alawami M. Predictors of acute kidney injury after coronary artery surgery in Jordanians. Asian Cardiovasc Thorac Ann. 2015 Jul;23(6):684 -9.
11. Ibrahim KS, Waqfi NR, Jarrah MI. Sinus of valsalva aneurysm with fistula to the right atrium presented as acute heart failure in a young man. Am J Case Rep. 2013 Oct 4;14:398-400.
12. Ibrahim KS, Kheirallah KA, Mayyas FA, Alwaqfi NA. Predictors of Acute Kidney Injury Following Surgical Valve Replacement. Thorac Cardiovasc Surg. 2021 Aug;69(5):396-404.

13. Ibrahim KS, Kheirallah K, Mayyas F, Waqfi N, Al-Zoubi N, Wagner DV. Atrial Fibrillation after Rheumatic Heart Valve Surgery: Incidence, Predictors, and Outcomes Thorac Cardiovasc Surg. 2023 Jun;71(4):297-306]
14. Ibrahim KS, Kheirallah KA, Mayyas FA, Alwaqfi NR, Alawami MH, Aljarrah QM. Predictors of short-term mortality after rheumatic heart valve surgery: A single-center retrospective study. Ann Med Surg (Lond). 2021 Jan 26;62:395-401.
15. Ibrahim KS, Mayyas FA, Kheirallah K, AlWaqfi NR, Van Wagoner DR. Is Left Atrial Size a Predictor of Mortality after Coronary Artery Bypass Surgery? A Single Center Study. Acta Cardiol Sin. 2017 Mar;33(2):195-203
16. Ibrahim KS, Alwaqfi NR, Ibdah RK. Coronary artery bypass as a treatment of stent dislodgement: A case report. Ann Med Surg (Lond). 2019 Oct 1;47:47-49
17. Nabil A. Al-Zoubi , Tagleb S. Mazahreh , Qusai Aljarrah, Nawaf J. Shatnawi, Shadi Hamouri, Emad M. Hijazi, **Nizar R. Alwaqfi**, Mamoon H. Al-Omari, Mowafaq Heis Thoracic Endovascular Aortic Repair for Blunt Thoracic Aortic Injury: Single-Center Experience in a Developing Country Trauma Monthly 2021; 26(3): 141-147
18. Nizar R. Waqfi, Mohammed N. Bani Hani, and Emad Hijazi Laparoscopic versus Open Appendectomy: A Jordanian Perspective. J Med J 2007; Vol. 41 (4): 201- 207.
19. Alwaqfi NR, Ibrahim KS. COVID-19: an update and cardiac involvement. J Cardiothorac Surg. 2020 Sep 9;15(1):239.
20. Mohammed N. Bani Hani, Kamal E. Bani-Hani, Abdullah Rashdan, Nizar R. AlWaqfi, Hussein A. Heis and Abdel-Rahman A. Al-Manasra. Safety of endoscopicretrograde cholangiopancreatography during pregnancy. ANZ J Surg 79 (2009) 23-26.
21. Mohammed N. Bani Hani, MD, Nizar R. AlWaqfi, MD, Hussein A. Heis, MD, FRCS, Kamal E. Bani-Hani, MD, FRCS, Emad A. Hijazi, MD, Yasser H. Rashdan, MD, and Abdel Rahman A. Al manasra, MD Jejunal Disorders: Potentially Lethal Causes of Acute Abdomen Are Still Overlooked. Surg Laparosc Endosc Percutan Tech 2009;19:39-42.
22. Mohammed N. Bani Hani, Ghazi R Qasaimenh, Kamal E. Bani-Hani, Nizar R. Alwaqfi, Abdel Rahman A. Al Manasra, Yousef S. Matani, Khled M El-Radaideh. Laparoscopic splenectomy: Consensus and debatable Points. SAJS Vol 48, No3 (2010)
23. Nader M. Albsoul, Mohammed N. BaniHani, Kusai Al-Muqbel, 3 Nizar R. AlWaqfi, 2 Abdul Rahman Al Manasra, Farouq F. Hamdan Nidal A. Younes. Hurthle Cell Carcinoma:Expanded View. J Med J 2009; Vol. 43 (4):333-340.

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REFERENCES

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