

CURRICULUM VITAE

Khalid Shaker Ibrahim, M.D., PhD

Personal Details:

Gender: Male

Place of birth: Irbid, Jordan

Date of birth: July 6, 1971

Nationality: Jordanian

Work Address: King Abdullah University Hospital

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Education & Training:

- 1995 M.D. degree, Jordan University of Science and Technology, Irbid, Jordan
- 1997 – 2002 Resident, General Surgery Jordan University of Science and Technology, Irbid, Jordan
- 2002 - 2003 Clinical Fellowship, Cardiac Surgery King Abdullah Teaching Hospital, Irbid, Jordan
- 2003 - 2005 Ph.D. Research Fellowship, Department of Circulation and Imaging Norwegian University of Science and Technology, Trondheim, Norway
- 2005 - 2007 Clinical Fellowship, St. Elisabeth department of cardiothoracic Surgery at Trondheim University Hospital, Trondheim, Norway
- 2007 - 2009 Clinical Fellowship, Thoracic and Cardiovascular Surgery Cleveland Clinic foundation, Cleveland, Ohio 2009- present Consultant Cardiac Surgeon at King Abdullah University Hospital and Associate Professor at Jordan University of Science and Technology

Job includes:

1. Performing adult cardiac surgery cases; Coronary bypass grafting, aortic valve replacement, mitral valve replacement and repair and ascending aortic surgery.
2. Being on standby calls for the Cath. Lab dealing with the emergency cases like Acute coronary cases, Acute aortic dissection, Acute VSD, Free rupture of the LV wall....etc.
3. Teaching medical students in the 4th and 6th grade in term of clinical rounds, seminars and lectures in the field of cardiac surgery.

Fields of Interest:

On-Pump and Off-pump CABG

Mitral valve repair and replacement

Ascending aortic surgery

Licensure and Board Certification

Licensure:

Permanent and unrestricted license to practice medicine in Jordan

Permanent and unrestricted license to practice General Surgery in Jordan

Permanent and unrestricted license to practice Cardiac Surgery in Jordan

Certification:

1995	ECFMG Certificate (valid indefinitely)
November 2002	MRCS Certificate
July 2002	Certificate of Higher Surgical Specialty Training, JUST
August 2002	Jordanian Board in General Surgery
July 2009	Certificate of completion of Cardiac Surgery Fellowship from Cleveland Clinic Foundation
March 2010	Jordanian Board in Cardiac Surgery
November 2010	PhD in Clinical Cardiac Surgery from Norwegian University of Science and Technology

Honors and Awards

1989 Granted a scholarship to attend medical school; ranked among top 20 students in the general secondary education certificate program

1990 College honor list for academic excellence; granted a certificate of appreciation.

Languages

Arabic : Mother tongue

English: Excellent written and spoken

Norwegian: Very good

Ph.D. Thesis

Norwegian University of Science and Technology, Trondheim, Norway

“INTRAOPERATIVE ULTRASOUND ASSESSMENT IN CORONARY ARTERY BYPASS SURGERY,” with special interest in coronary anastomoses and the ascending aorta.

Publications:

1. Ibrahim K, Tjomsland O, Halvorsen D, Wiseth R, Wahba A, Karevold A, Haaverstad R. Effect of clopidogrel on midterm graft patency following off-pump coronary revascularization surgery. *Heart Surg Forum*. 2006;9(6):E581- 856.
2. Ibrahim KS, Vitale N, Kirkeby-Garstad I, Haaverstad R. Quick intra-operative diagnosis of coronary subclavian steal syndrome after CABG by transit-time flowmetry and epicardial ultrasound imaging. *Int J Angiol* 2006;15:110-112.
- 3 Ibrahim KS, Lovstakken L, Kirkeby-Gastad I, Torp H, Vik-Mo H, Haaverstad R. Effect of the cardiac cycle on the coronary anastomosis assessed by ultrasound. *Asian Cardiovasc Thorac Ann*. 2007 Apr;15(2):86-90.
4. Ibrahim K, Vitale N, Kirkeby-garstad I, Samstad S, Haaverstad R. Narrowing effect of off-pump CABG on the LIMA-LAD anastomosis: Epicardial ultrasound assessment. *Scand Cardiovasc J*. 2008 Apr;42(2):105-9. (first article in issue).
5. Løvstakken L, Ibrahim KS, Vitale N, Torsvik Henriksen S, Kirkeby-Garstad I, Torp H, Haaverstad R. Blood Flow Imaging – A new 2-D ultrasound modality for enhanced intraoperative visualization of blood flow patterns in coronary anastomoses. *J Am Soc Echocardiogr*. 2008 Aug;21(8):969-75.
6. Ibrahim KS. Vitale N, Tromsdal A, Fraser AG, Haaverstad R. Enhanced intraoperative grading of ascending aorta atheroma by epiaortic ultrasound vs echocardiography. *Int J Cardiol*. 2008 Aug 18;128(2):218-23.
7. 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.
8. 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.
9. Khalid.S Ibrahim, M.D, Ph.D, Fadia A. Mayyas, Ph.D, Khalid Kheirallah, Ph.D, Nizar R. AlWaqfi, M.D, David R. Van Wagoner, Ph.D., FAHA, FHRS. Is left atrial size a predictor of mortality after coronary artery bypass surgery? A single center study. Accepted for publication at *ACTA CARDIOLOGICA SINICA* 21-June-2016.
10. 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. doi: 10.1016/j.amsu.2019.09.013. eCollection 2019 Nov.
11. Gosta B. Pettersson, MD, PhD, Syed T. Hussain, MD, Nabin K. Shrestha, MD, Steven Gordon, MD, Thomas G. Fraser, MD, Khalid S. Ibrahim, MD, PhD, and Eugene H. Blackstone,

MD. Infective endocarditis: An atlas of disease progression for describing, staging, coding, and understanding the pathology *J Thorac Cardiovasc Surg.* 2014 Apr;147(4):1142-1149.

12. Sharif Al Ruzzah, Khalid Ibrahim, Jose Navia. Con: The role of recombinant factor VIIa in the control of bleeding after cardiac surgery. *J Cardiothorac Vasc Anesth.* 2008 Oct; 22(5):783-5.

13. AlWaqfi, N, Ibrahim, K, Kharashgah, M. Coronary Artery Bypass as Adequate Treatment for Entrapped Coronary Angioplasty Catheter. *Thorac Cardiovasc Surg.* 2011 Oct;59(7):441-2.

14. 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.

15. 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.

16. Nizar R AlWaqfi, Khaled S Ibrahim, Yousef S Khader and Ahmad AbuBaker Predictors of temporary epicardial pacing wires use after valve surgery. *J Cardiothorac Surg.* 2014 Feb 12;9:33

17. AlWaqfi NR, Ibrahim KS Stroke after coronary artery surgery: a single center report. *Int J Angiol.* 2014 Sep;23(3):171-6.

18. Fadia A. Mayyas, Mohammad I. Al-Jarrah, Khalid S. Ibrahim, Karem H. Alzoubi. Level and significance of plasma myeloperoxidase and the neutrophil to lymphocyte ratio in patients with coronary artery disease; *Exp Ther Med.* 2014 Dec;8(6):1951-1957.

19. Mayyas F, Al-Jarrah M, Ibrahim K, Mfady D, Van Wagoner DR The significance of circulating endothelin-1 as a predictor of coronary artery disease status and clinical outcomes following coronary artery catheterization. *Cardiovasc Pathol.* 2015 Jan-Feb;24(1):19-25.

20. Mayyas F, Baydoun D, Ibdah R, Ibrahim K. Atorvastatin Reduces Plasma Inflammatory and Oxidant Biomarkers in Patients With Risk of Atherosclerotic Cardiovascular Disease. *J Cardiovasc Pharmacol Ther.* 2018 Jan 1:1074248417753677. [Epub ahead of print].

21. Mayyas F, Ibrahim K, Alzoubi KH. Awareness of physicians and pharmacists of aldosterone antagonists in heart failure and myocardial infarction in Jordan. *Pharm Pract (Granada).* 2017 Jul-Sep;15(3):994. Epub 2017 Sep 3.

Conferences attended

1990 – 2003 2009--now

Annual Medical Days, Faculty of Medicine, Jordan University of Science and Technology, Irbid, Jordan

1995 Medical conferences of Arab Pediatric Societies, Amman, Jordan

1995 Medical Conference of Arab Obstetric & Gynecology Societies, Amman, Jordan

1997 – present Jordanian Association of Surgeons

1999 Italian Baroscopic Surgery Workshop, Amman, Jordan

April, 2001 Pan-Arab Conference of Plastic & Reconstructive Surgery, Amman, Jordan

October, 2002 The 6th International Cardiology Conference, Amman, Jordan

February, 2004 The 14th Annual Meeting of the Scandinavian Society for Research in Cardiothoracic Surgery. Geilo, Norway

April, 2004 Pan Arab Conference for the Medical Colleges, Jordan

November, 2004 The Midt Norge Cardiology meeting. Trondheim, Norway

August, 2005 The SATS and SCANCET conference. Bergen, Norway September, 2006 The 5TH EACTS/ESTS joint meeting, Stockholm, Sweden

November, 2006 The Midt Norge Cardiology meeting. Trondheim, Norway

May, 2008 American Association of Thoracic Surgeons (AATS), San Diego, California

June, 2008 Research Day, Thoracic and Cardiothoracic Surgery, Cleveland Clinic, Cleveland, OH

May, 2009 American Association of Thoracic Surgeons (AATS), Boston, Massachusetts

April, 2010 Conference Myocardial protection, Irbid, Jordan

October, 2010 Jordan Society of Cardiology, Amman, Jordan

April, 2015 Jordan Society of Cardiology, Amman, Jordan

October 2017 VTE workshop with Novartis in Dubai, UAE

August 2018 Cardiology Congress Rome, Italy

On monthly basis Attending Cath. Conference held by the Jordan Cardiac Society

Cardiothoracic Surgery Courses Attended

October, 2003 A course in Laboratory Animal Science. Oslo, Norway

November, 2003 A course in Minimally invasive thoracic surgery. Trondheim, Norway

February, 2004 A General Thoracic Surgery Course. Trondheim, Norway February - March, 2004 A Cardiac Course in European School for Cardio-Thoracic Surgery. Bergamo, Italy

November, 2005 A course in Minimally invasive thoracic surgery. Trondheim, Norway

Spring, 2005 Medical Research: Theory and Practice. Trondheim, Norway

Autumn, 2005 Clinical Research (Clinical Epidemiology and Randomized Controlled Trials). Trondheim, Norway

Autumn, 2006 Quality of Life. Trondheim, Norway

2009-now Attended multiple international and regional conferences in cardiac surgery

April 2014 Wet lab Workshop on aortic valve repair held in Amman under supervision of Dr. Jebren Khouri. The event was sponsored by St. Judes

April 2015 Wet lab Workshop on Percival sutureless aortic valve replacement. The event was supervised by Sorin

Academic experience

2009 until now

- Teaching history taking and physical examination introductory course for 6th year and 4th

year medical students, Jordan University of Science and Technology (JUST).

- Tutor for 6th year and 4th medical students rotating in the department of general surgery including clinical rounds on general surgery and cardiac surgery patients, JUST.

- Mentoring seminars in cardiac surgery for 6th year medical students rotating in the department of general surgery, JUST.

- Conducting morning report for general surgery residents and 6th year medical students, JUST.

- Giving lectures on basics of cardiac surgery and clinical rounds for general surgery residents, JUST.

- Mentoring general surgery residents in the cardiac operating room including hands on experience.

- KAUH Member of the end-rotation (OSCE) and final (MCQ) Examination Committee

for 4th year medical students rotating in the department of general surgery. - Member of the end-rotation (OSCE) and final (MCQ) Examination Committee for 6th

year medical students rotating in the department of general surgery.

- Member of the end year Examination (MCQ) Committee for general surgery residents.
- Examiner, end-year clinical examination for general surgery residents.
- Member of the scientific committee of the conference “Heart from Bench to Clinical

Practice” organized by faculty of medicine, JUST.

Administrative experience

2013-2014 Elected representative of general surgery department in the Faculty of Medicine Council, JUST

2012-now Member of the department of general surgery Committee for Renewal and Updating of general surgery and cardiac surgery Surgical Instruments

2010-2011 Member of the department of general surgery Higher Education Committee and sixth year medical students exams

2014-now Member of the department of general surgery Higher Education Committee and sixth year medical students exams

Hobbies

Swimming

Ping-pong

References

Gosta Bengt Pettersson, M.D., Ph.D.

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Thoracic and Cardiovascular Surgery (Fairview Hospital) Staff,

Thoracic and Cardiovascular Surgery (MetroHealth Medical Center)

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Portfolio of clinical procedures (Adult cardiac):

- Coronary artery bypass surgery 75 cases a year.

- Aortic valve replacement 15 cases a year.

- Mitral valve replacement 10 cases a year.

- Ascending aortic surgery Around 5 cases a year.

- Mitral valve repairs Few cases.

- Adult congenitals Few cases