

Reza Khodaverdian, MD. MHA

Certifications and Licensure

Board Certification, Cardiothoracic Surgeon (Diplomat) **Active**
American Board of Thoracic Surgery

California, Nebraska, Ohio, Arkansas, Kentucky State License **Active**

Education

Master of Health Administration **2023**
University of Southern California (Los Angeles, CA)

Clinical Fellowship, Cardiothoracic Surgery **2009**
University of Utah (Salt Lake City, UT)

Residency, General Surgery, PGY-IV & V **2007**
Yale University, Hospital of Saint Raphael (New Haven, CT)

Residency, General Surgery, PGY-I-II **2005**
University of Connecticut (Farmington, CT)

Research Fellowship, Utah Artificial Heart Program **2003**
LDS Hospital (Salt Lake City, UT)

Clinical Fellowship, Cardiothoracic Surgery **2000**
LDS Hospital (Salt Lake City, UT)

Fellowship, Cardiovascular Surgery **2000**
Shahid Beheshti University (Tehran, Iran)

Clinical Fellowship, Cancer Surgery **1995**
Iran Cancer Institute (Tehran, Iran)

Residency, General Surgery **1995**
Tehran University (Tehran, Iran)

Doctor of Medicine **1994**
Tehran University (Tehran, Iran)

Professional Experience

Private Practice **2022-Present**

Vascular Cosmetics LA and OC

Locum Cardiothoracic Surgeon **2021- Present**

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| Cardiothoracic Surgeon Eisenhower Medical Associate (Rancho Mirage, CA) | 2019-2020 |
| Cardiothoracic Surgeon Advanced CT Surgery Group (Los Angeles, CA) | 2017 – 2019 |
| Clinical Assistant Professor of Surgery Stanford University (Salinas, CA) | 2015 –2017 |
| Staff Surgeon, Thoracic Organ Transplants Integris Baptist Hospital (Oklahoma City, OK) | 2013 –2015 |
| Associate Professor of Surgery University of Minnesota, Hennepin County Medical Center (Minneapolis, MN) | 2010 –2013 |

Volunteer Experience

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| Cardiothoracic Surgeon, Board Member, Donor Voom Foundation (Nigeria) Voom Foundation Chief Financial Officer | 2013 – Current |
| Medical Director | 2013 – 2019 |

Professional Affiliations

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| Diplomat , American Board of Thoracic Surgery | Active |
| Member , American Society of Artificial Internal Organs | Active |
| Member , Cardiothoracic Surgery Network | Active |
| Member , Heart Failure Society of America | Active |
| Member , Heart Surgery Forum | Active |
| Member , International Society of Heart and Lung Transplantation | Active |
| Member , Society of Critical Care Medicine | Active |
| Member , Society of Thoracic Surgeons | Active |

Presentations

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| A decade of experience of a single organization in establishing a self-sustained open-heart program in Nigeria, EACTS/STS/LACES Latin America Cardiovascular Surgery Conference. | Dec 2024 |
| Three-year outcomes with Tricuspid valve annuloplasty in LVAD recipients International Society of Heart and Lung Transplantation Meeting (Nice, France) | April 2015 |
| Flail chest management and options Minnesota Respiratory Therapy Meeting, (St. Paul, MN) | February 2012 |
| ECMO without Anticoagulation, Case Presentation and Review 14th Minnesota Surgical Society Meeting (Minneapolis, MN) | June 2011 |
| Nutrition in HeartMate XVE and HeartMate II LVAD patients 54th ASAIO Annual Conference (San Francisco, CA) | June 2008 |
| Aortic valve/root thrombosis in continuous flow left ventricular assist device 28th Annual Meeting of International Society of Heart and Lung Transplantation (ISHLT) (Boston, MA) | April 2008 |

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| Bilateral video assisted thoracoscopic approach for pulmonary vein isolation (minimally invasive mase procedure) in patients with isolated atrial fibrillation | |
| 88th Annual Meeting of New England Surgical Society (Burlington, VT) | September 2007 |
| Hemodynamic characteristics of HeartMate LVAD | |
| National Medical Association Meeting (San Diego, CA) | April 2004 |
| Calcium-Sodium Alginate dressing for preventing LVAD percutaneous lead infection | |
| Outpatient experience with patients older than 65 on HeartMate LVAD | |
| HeartMate LVAD pump replacement- results with the abdominal only approach | |
| 49th ASAO Annual Meeting (Washington D.C.) | June 2003 |
| 23rd annual meeting of ISHLT, Vienna, Austria | |
| Managing patients with Left Ventricular Assist Device at home, Results with 37 patient-years of experience | |
| 23rd Annual Meeting of ISHLT (Vienna, Austria) | April 2003 |
| Diagnostic Angiography in HeartMate Left Ventricular Assist Device Malfunction | |
| HFSA 6th Annual Scientific meeting (Boca Raton, FL) | September 2002 |
| Bridge to transplantation: an evolving experience | |
| Prevention of infection with the use of Calcium-Sodium Alginate dressing in the HeartMate LVAD exit site | |
| Partial aortic valve fusion related to LVAD support | |
| Heart Failure & Circulatory Support Summit (Cleveland, OH) | August 2002 |
| Transthoracic Echocardiography in routine assessment of vented electric HeartMate left ventricular assist device function | |
| Transthoracic Echocardiographic characteristics of the HeartMate left ventricular assist device inflow valve dysfunction | |
| 13th Annual ASE Meeting (New Orleans, LA) | June 2002 |
| Outpatient LVAD program experiencing 10,000 patient-days in 5 states | |
| 48th Annual Conference of ASAO (New York, NY) | June 2002 |
| HeartMate LVAD inflow valve dysfunction | |
| 22nd Annual Meeting of ISHLT (Washington D.C.) | April 2002 |
| Associated Anomalies in Tetralogy of Fallot | |
| 10th Annual Conference of Iranian Association of Cardiology (Tehran, Iran) | September 1999 |
| Cardiac Myxoma in Modarres Hospital | |
| Tetralogy of Fallot in adults | |
| 12th Annual Meeting of Mediterranean Association of Cardiology and Cardiac Surgery (Damascus, Syria) | October 1999 |
| Epidemiology of Rectal Cancer | |
| International Congress of Geographic Medicine (Shiraz, Iran) | 1996 |
| Sphincter Saving Procedures in Rectal Cancer | |
| Seminar on GI Tumors (Tehran, Iran) | 1994 |
| Post-mastectomy Seroma | |
| 2nd Congress of the International College of Surgeons (Tehran, Iran) | 1993 |

Publications

Falase B, Seteme, O, **Khodaverdian, R**, et al. Sem in Thor and Cardiovasc Surg. Vol 36, Issue 4, 2024, Pages 398-410. Making the Transition from Cardiac Missions to Autonomous Heart Surgery at a Nigerian Teaching Hospital: Challenges and Lessons Learned.

Scott M. **Khodaverdian, R** et al. Eur J Trauma Emerg Surg, Apr 2017. Predictors of retained hemothorax after trauma and impact on patient outcome

Khodaverdian, R., Jones K.W., Metal Allergy to Amplatzer Occluder device presented with sever bronchospasm. Annals of Thoracic Surgery; Dec 2009; 88:2021-2022.

Horton S. C, **Khodaverdian, R.**, Chatelain P., Mcintosh M., Muhelestin J., Long J. W., Left Ventricular Assist Device Malfunction, An Approach to diagnosis with Echocardiography. Journal of American College of Cardiology 2005; 45:1435-40.

Horton S.C, **Khodaverdian R.**, Powers A., Revenenaugh J., Renlund D.G., Moore S. A., Rasmusson, B., Nelson, K.E., Long J.W. "Left Ventricular Assist Device Malfunction: A systematic approach to diagnosis". Journal of American College of Cardiology 2004; 43:1547-83

Hekmat, M., **Khodaverdian, R.**, (1999), "Cardiac Hemangioma", Archives of Iranian Medicine, 2(4), 210-214.

Sirati, F., **Khodaverdian, R.**, (1994), "Rectal Cancer in the Young", Journal of the Iranian Cancer Institute, 1997, 12, 18-23.

Abstracts

Epidemiology of congenital coronary artery anomalies (study on the Iranian population). 1998

A-V canal defects (report of thirty cases). 1999

Comparison of early complications of permanent pacemaker insertion implantation via subclavian versus cephalic vein approach. 1999

Aortic valve fusion secondary to long-term LVAD support. 2002

Normal and Abnormal Hemodynamics in the HeartMate LVAD. 2002

Transthoracic evaluation of left ventricular assist device output: a new application An old method. 2002

Optimization of LV-LVAD synchronization to improve hemodynamics during Inflow valve regurgitation. 2002

A catheter-based cardiology approach for diagnosis of HeartMate LVAD Malfunction. 2002

NOT YET RETAINED