

CURRICULUM VITAE

Amir Abolhoda, MD, FACS

Department of Surgery
Division of Cardiothoracic Surgery
UCI Medical Center
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Education

1980-1984	B.S.	Biological Sciences	University of California, Irvine
1984-1988	M.D.	Medicine	University of California, Irvine College of Medicine
1988-1989	Internship	Surgery	University of Medicine and Dentistry of New Jersey (UMDNJ) Newark, New Jersey
1989-1994	Residency	General Surgery	University of Medicine and Dentistry of New Jersey (UMDNJ) Newark, New Jersey
1995-1997	Research Fellowship	Thoracic Oncology	Memorial Sloan-Kettering Cancer Center New York, New York
1997-1999	Residency	Cardiothoracic Surgery	Montefiore Medical Center Bronx, New York
1999-2000	Clinical Fellowship	Thoracic Surgery	Memorial Sloan-Kettering Cancer Center New York, New York

Professional Experience

- 9/03 – Present Associate Clinical Professor
Department of Surgery
Division of Cardiothoracic Surgery
UCI Medical Center
Orange, California
- 12/06– Present Chief of Thoracic Surgery
Department of Surgery
Long Beach Veterans Administration Hospital
Long Beach, California
- 7/2000-6/03 Attending Cardiovascular and Thoracic Surgeon
Pat O. Daily Medical Corporation
Sharp Memorial Hospital
San Diego, California

Medical Licensure

California	1999
New York	1995
New Jersey	1990

Board Certifications

National Board of Medical Examiners	1989
American Board of Surgery	1995
American Board of Thoracic Surgery	2000

Non-Board Certifications

- 2003 “CO2 Laser Transmyocardial Revascularization (TMR)”
Edwards Lifesciences Physician Training Program
Palm Springs, CA
- 2005 “Robotic-Assisted Cardiothoracic Surgery”
Da-Vinci Didactic and Animal Workshop
University of California, Irvine, Medical Center
- 2006 “Gore TAG Thoracic Endografting”
Clinical Training Program
Boston, MA
- 2006 “Transpolar Approach to Atrial Fibrillation Ablation Procedures”
Atricure Clinical Training Program
Las Vegas, NV

- 2007 “VATS Lobectomy Training Course”
University of Washington Medical Center
Sponsored by Autosuture / US Surgical
Seattle, WA
- 2007 “EDGE Basic Guidewire, Catheter & Imaging Skills Course”
Medtronic Skills Training Program, Endorsed by Society of Thoracic Surgeons
Minneapolis, MN

Honors

Phi Beta Kappa	1983	University of California, Irvine
Summa Cum Laude	1984	University of California, Irvine
Academic Excellence, within the Basic Sciences Award	1986	University of California, Irvine College of Medicine

Publications

1. Wilson DJ, **Abolhoda A**, Spillert CR, Lazaro EJ. Gastric necrosis due to acute dilatation of the stomach. *Digestive Surg* 9:324-325, 1992.
2. Oyarzun R, **Abolhoda A**, Yu S, Chuback J, McCormick J, Donahoo J, Gabbay S. Effect of pretreatment on calcification of bioprosthetic valves. A comparative study of glutaraldehyde treated tissues vs. the Biocor No-React anticalcification treatment. *J Penn Assoc Thorac Surg* 4:13-16, 1996.
3. **Abolhoda A**, Buechel Jr. F, Spillert CR, Faison RY, Lazaro EJ. Complete cartilaginous duplication of the rib cage in a cadaver: a first reported case. *Am Surg* 62:976-978, 1996.
4. **Abolhoda A**, Yu S, Oyarzun R, Allen K, McCormick JR, Han S, Kemp FW, Bogden JD, Lu Q, Gabbay S. Biocor No-React detoxification process: a superior anticalcification method for bioprostheses. *Ann Thorac Surg* 62:1724-1730, 1996.
5. **Abolhoda A**, Yu S, Oyarzun JR, McCormick JR, Bogden JD, Gabbay S. Calcification of bovine pericardium: glutaraldehyde versus No-React biomodification. *Ann Thorac Surg* 62:169-174, 1996.
6. Nawata S, Abecasis N, Ross HM, **Abolhoda A**, Cheng H, Sachar KS, Burt M. Isolated lung perfusion with melphalan for the treatment of metastatic pulmonary sarcoma. *J Thorac Cardiovasc Surg* 112:1542-1548, 1996.
7. **Abolhoda A**, Yelcick J, Swan KG. Pancreato-duodenectomy for giant benign villous adenoma of the ampulla of Vater. *Am Surg* 63:392-394, 1997.

8. Blair SL, Heerdt P, Sachar KS, **Abolhoda A**, Hochwald S, Cheng H, Burt M. Glutathione metabolism in patients with non-small cell lung cancer. *Cancer Res* 57:152-155, 1997.
9. Nawata S, **Abolhoda A**, Ross HM, Brooks A, Burt ME Sequential bilateral isolated lung perfusion in the rat: an experimental model. *Ann Thorac Surg* 63:796-799, 1997.
10. **Abolhoda A**, Brooks A, Nawata S, Burt M. Isolated lung perfusion with doxorubicin prolongs survival in a rodent model of pulmonary metastases. *Ann Thorac Surg* 64:181-184, 1997.
11. **Abolhoda A**, Livingston DH, Donahoo JS, Allen K. Diagnostic and therapeutic video assisted thoracic surgery following chest trauma. *Eur J Cardiothorac Surg* 12: 356-360, 1997.
12. **Abolhoda A**, Liu D, Brooks A, Burt M. Prolonged air leak following radical upper lobectomy: an analysis of incidence and possible risk factors. *Chest* 113:1507-1510, 1998.
13. **Abolhoda A**, Brooks A, Choudhry M, Kaneda Y, Liu D, Cheng H, Burt M. Characterization of local inflammatory response in an isolated lung perfusion model. *Ann Surg Oncol* 5:87-92, 1998.
14. Liu D, **Abolhoda A**, Burt ME, Martini N, Bains M, Downey R, Rusch VW, Bosl GJ, Ginsberg RJ. Pulmonary metastasectomy for testicular germ cell tumors: a 28 year experience. *Ann Thorac Surg* 66:1709-1714, 1998.
15. **Abolhoda A**, Keller SM. Thoracic surgical spectrum of HIV infection. *Semin Respir Infect* 14:359-365, 1999.
16. **Abolhoda A**, Wilson AE, Ross H, Danenberg P, Burt M, Scotto KW. Rapid activation of MDR1 gene expression in human metastatic sarcoma after *in vivo* exposure to doxorubicin. *Clinical Cancer Res* 5:3352-3356, 1999.
17. Burt ME, Liu D, **Abolhoda A**, Ross HM, Kaneda Y, Jara E, Casper ES, Ginsberg RJ, Brennan MF. Isolated lung perfusion for patients with unresectable metastases from sarcoma: a phase I trial. *Ann Thorac Surg* 69:1542-1549, 2000.
18. Kaneda Y, Liu D, Brooks A, **Abolhoda A**, Labow D, Burt ME, Ginsberg RJ. Toxicity and pharmacokinetics of isolated lung perfusion with Cisplatin in rat. *Jp J Thorac Cardiovas Surg* 49:443-448, 2001.
19. Martin J, Ginsberg RJ, **Abolhoda A**, Bains MS, Downey RJ, Korst RJ, Weigel TL, Kris MG, Venkatraman ES, Rusch VW. Morbidity and mortality after neoadjuvant therapy for lung cancer: the risks of right pneumonectomy. *Ann Thorac Surg* 72:1149-1154, 2001.

20. Baradarian S, Dembitsky WP, Jaski B, **Abolhoda A**, Adamson R, Chillcot S, Daily PO. Left ventricular outflow tract obstruction associated with chronic ventricular assist device support. *ASAIO J* 48:665-667, 2002.
21. Saremi, F, Gurudevan SV, Narula J, **Abolhoda A**. Multidetector computed tomography (MDCT) in diagnosis of “Cor Triatriatum Sinister”. *J Cardiovasc CT*, 1(3):172-174, 2007.
22. Saremi F, **Abolhoda A**, Ashikyan O, Milliken JC, Narula J, Gurudevan SV, Kaushal K, Raney A. Arterial supply to sinuatrial and atrioventricular nodes: imaging with multidetector CT. *Radiology* 246(1): 99-107, 2008.
23. Saremi F, Channual S, **Abolhoda A**, Gurudevan SV, Narula J, Milliken JC. MDCT of the s-shaped sinoatrial node artery. *AJR* 190:1-7, 2008.
24. Rose J, Barleben A, **Abolhoda A**. Intralobar pulmonary sequestration with anomalous systemic arterial supply illustrated by angiography: a case report and review of the literature. *J Investig Med* 56(1): 261-62, 2008.
25. Saremi F, Channual S, Gurudevan SV, Narula J, **Abolhoda A**. Prevalence of left atrial appendage pseud thrombus filling defects in patients with atrial fibrillation undergoing coronary computed tomography angiography. *J Cardiovas CT* 2(3): 164-171, 2008.
26. Saremi F, Channual S, Krishnan S, Gurudevan SV, Narula J, **Abolhoda A**. Bachmann bundle and its arterial supply: imaging with multidetector CT- implications for intratrial conduction abnormalities and arrhythmias. *Radiology* 248(2): 447-457, 2008.
27. **Abolhoda A**, Wirth GA, Bui TD, Milliken JC. Harvest technique for Pedicled transposition of latissimus dorsi muscle: an old trade revisited. *Euro J Cardiothorac Surg* 33(5): 928-930, 2008.

Other Published Writings

Book Chapter

1. **Abolhoda A**, Keller S. Mediastinal staging of lung cancer. In: Pass HI, Michell JB, Johnson DH, Turrisi AT, Minna JD, eds. *Lung Cancer: Principles and Practice*. Philadelphia: Lippincott, Williams, and Wilkins, 2000.

Invited Presentations: National Seminars and Meetings

1. **Abolhoda A**, Yu S, Oyarzun R, Allen K, McCormick JR, Han S, Kemp FW, Bogden JD, Gabbay S. Biocor No-React aldehyde detoxification process: a superior anticalcification method for bioprostheses. Presented at the **32nd Annual Meeting of The Society of Thoracic Surgeons**, Orlando, Florida, January 28-31, 1996.

2. **Abolhoda A**, Livingston DH, Donahoo JS, Allen K. Diagnostic and therapeutic video assisted thoracic surgery following chest trauma. Presented at the **10th Annual Meeting of The European Association For Cardio-Thoracic Surgery**, Prague, Czech Republic, October 6-9, 1996.
3. **Abolhoda A**, Brooks A, Nawata S, Burt M. Long term survival following isolated lung perfusion for pulmonary metastases in rat. Presented at the **33rd Annual Meeting of The Society of Thoracic Surgeons**, San Diego, California, February 3-5, 1997.
4. **Abolhoda A**, Choudhry M, Brooks A, Burt M. Implications of ischemia-reperfusion in an isolated lung perfusion model. Presented at the **50th Annual Meeting of The Society of Surgical Oncology**, Chicago, Illinois, March 20-23, 1997.
5. **Abolhoda A**, Wilson AE, Ross H, Scotto KW, Burt M. Transcriptional upregulation of the MDR1 gene following transient *in vivo* exposure of human metastatic sarcoma to doxorubicin. Presented at the **88th Annual Meeting of The American Association For Cancer Research**, San Diego, California, April 12-16, 1997.
6. **Abolhoda A**, Martin J, Ginsberg RJ, Rusch V, Bains M, Downey R, Korst R, Weigel T, Kris MG. Morbidity and mortality for pulmonary resections in lung cancer after induction treatment. Presented at the **9th world Conference on Lung Cancer**, Tokyo, Japan, September 11-15, 2000.
7. **Abolhoda A**, Bui T, Colt H, Kobayashi M, Milliken J. Routine Use of Pedicled *Latissimus Dorsi* Muscle Flap in High Risk Thoracic Surgery Procedures. Accepted for Publication in *CHEST* and for Presentation at **CHEST 2006 the 72nd Annual International Scientific Assembly of the American College of Chest Physicians (ACCP)**, Salt Lake City, October 21-26, 2006.

Invited Presentations: Local Lectures

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| November 17, 2003 | Pulmonary/Critical Care Multidisciplinary Conference
UCI Medical Center, Orange, CA
“Results of Multimodality Treatment for Locally-advanced Non-small Cell Lung Cancer: Memorial Sloan-Kettering Experience” |
| March 4, 2004 | Cardiology Grand Rounds
UCI Medical Center, Orange, CA
“Current State of Coronary Artery Bypass Graft Surgery” |
| April 23, 2004 | Trauma/Critical Care Conference
UCI Medical Center, Orange, CA
“Acute Traumatic Aortic Transection” |
| June 4, 2004 | Spinal Cord Injury Conference |

- Renaissance Hotel, Long Beach, CA
“Cardiac Surgery in Spinal Cord Injured Patients”
- September 23, 2004 Pulmonary/Critical Care Conference
UCI Medical Center, Orange, CA
“Overview of Open Thoracic Surgical Techniques”
- October 25, 2004 Cardiology Symposium for Junior Medical Students
UCI College of Medicine, Irvine, CA
“Surgery for Coronary Artery Disease”
- November 18, 2004 Surgical Grand Rounds
UCI Medical Center, Orange, CA
“Treatment of Pulmonary Metastasis”
- April 15, 2005 Trauma/Critical Care Conference
UCI Medical Center, Orange, CA
“ECMO Revisited”
- May 18, 2005 Emergency Department Faculty Conference
UCI Medical Center, Orange, CA
“Portable Cardiopulmonary Support”
- September 22, 2005 Pulmonary Fellow Lecture Series
UCI Medical Center, Orange, CA
“Thoracic Surgical Procedures”
- November 17, 2005 Pathology/Hematology Departmental Conference
Scientific and Clinical Advances
UCI Medical Center, Orange, CA
“Current Status of CABG”
- December 2, 2005 Trauma and Critical Care Conference
UCI Medical Center, Orange, CA
“Acute Traumatic Aortic Transection-
New therapeutic options”
- February 16, 2006 General Surgery Grand Rounds
UCI Medical Center, Orange, CA
“Rapid portable Cardiopulmonary Support (CPS)”
- July 18, 2006 Medicine Grand Rounds
UCI Medical Center, Orange, CA
“Rapid portable Cardiopulmonary Support (CPS)”
- October 16, 2006 Medicine Grand Rounds

- Los Alamitos Medical Center, CA
“New Concepts in the Treatment of Advanced Lung Cancer”
- October 26, 2006 Surgical Grand Rounds
UCI Medical Center, Orange, CA
“Treatment of Locally-Advanced Non-Small Cell Lung Cancer”
- November 27, 2006 Stroke Neurology Work Group
UCI Medical Center, Orange, CA
“Minimally Invasive Surgical Therapy for Atrial Fibrillation”
- November 27, 2006 Hospitalist Program Grand Rounds
UCI Medical Center, Orange, CA
“Minimally Invasive Surgical Therapy for Atrial Fibrillation”
- November 28, 2006 Gerontology Program Grand Rounds
UCI Medical Center, Orange, CA
“Minimally Invasive Surgical Therapy for Atrial Fibrillation”
- November 29, 2006 ENT-Sleep Apnea Grand Rounds
UCI Medical Center, Orange, CA
“Minimally Invasive Surgical Therapy for Atrial Fibrillation”
- April 27 2007 Intensive Care Medicine Conference
UCI Medical Center, Orange, CA
“Thoracic Surgery in Traumatic Chest Injuries”
- May 10, 2007 Grand Rounds
Huntington Beach Hospital and Medical Center
“Video Assisted Thoracic Surgery”
- January 21, 2008 Interventional Bronchoscopy: Step by Step Symposium
UCI Medical Center, Orange, CA
“Surgical Mediastinal Staging”
- March, 13, 2008 Surgical Grand Rounds
UCI Medical Center, Orange, CA
“Minimally Invasive Surgical Ablation of Atrial Fibrillation”
- June, 24, 2008 Grand Rounds
Tarzana-Encino Regional Medical Center
“Acute Aortic Dissection”
- Sept 4, 2008 Surgical Grand Rounds
UCI Medical Center, Orange, CA
“Acute Aortic Dissection”

Extramural Research Support

1. "A Randomized, Double Blind, Placebo-Controlled, Multi-center Study to Evaluate the Cardioprotective Effects of MC-1 in Patients Undergoing High Risk Coronary Artery Bypass Graft (CABG) Surgery" (MEND-CABG II). Protocol #06004.
Funding Agency: Medicure International Inc.
Principal Investigator: Amir Abolhoda, MD
Amount: \$ 10,000
Date: 2007-2008
2. "A Multicenter, Randomized, Double-Blind, Parallel-group, Placebo-Controlled Study of 2 mg/kg Bolus Plus 24-hour 0.05 mg/kg/hr Infusion of Pexelizumab in Patients Undergoing Coronary Artery Bypass Grafting with Cardiopulmonary Bypass" (PRIMO-CABG II). Protocol #2003141 [HS# 2004-3918]".
Funding Agency: Alexion Pharmaceuticals Inc.
Co-Investigator: Amir Abolhoda, M.D.
Amount: \$101,080.00
Date: 2005 – 2008
3. "A Prospective Randomized, Multicenter Clinical Study on the High Vacuum Body Cavity Drainage System Following Open Heart Surgery"
Sponsors: CMS Surgical (NO-NUMO Catheters)
Medela Switzerland (High Vacuum Pumps)
Co- Investigator: Amir Abolhoda, MD
Date: 2006-Present
4. "Vascular Access for Cardiopulmonary Bypass: Instructional lab" IACUC (UCIMC)
Protocol #2004-2542
Funding Agency: Medtronic
Principal Investigator: Amir Abolhoda, M.D.
Amount: \$800
Date: June, 2005

Service

A. National Committees/Memberships

Fellow of the American College of Surgeons
The American College of Surgeons Oncology Group (ACSOG)
National Cancer Institute (NCI) Investigator
The Society of Thoracic Surgeons, Member
The Western Thoracic Surgical Association, Member

B. Reviewer

2004- Present Member of Residency Review Committee

Department of Surgery
UCI Medical Center

2004- Present Member of Student Interviewing Committee
UCI College of Medicine

C. Meeting Organizer

2006 Co-Chair: Lung Cancer Mini-Symposium: Diagnosis and Treatment
“Lung Cancer Action Group”
UCI Medical Center

2008 Interventional Bronchoscopy Conference
UCI Medical Center

D. University Service

2004-Present Director of Cardiopulmonary Support (CPS) Program: ECMO
UCI Medical Center

2004-Present Founder and Coordinator of Computerized Cardiac Surgery Registry
and Database
UCI Medical Center

2006-Present Co-chair of “ Lung Cancer Action Group”
UCI Medical Center

2006-Present Member of “Gore TAG Task Group” for endovascular repair of
Thoracic Aortic Aneurysms
UCI Medical Center

2007-Present Director of Minimally Invasive Surgical Therapy for Atrial
Fibrillation
UCI Medical Center

2007-Present Member of Chao Comprehensive Cancer Center
UCI Medical Center

2008-Present Member of Cardiovascular Comprehensive Care Center
UCI Medical Center

Student Mentorship

2003-Present Founder and Participant of Cardiothoracic Surgery Core Curriculum
(**CT Mentor Program**) for Third year medical students
UCI Medical Center, UCI College of Medicine

Teaching Experience

- | | |
|-----------|---|
| 7/94-6/95 | Clinical Instructor of Surgery
Clinical Instructor of Human Gross Anatomy
University of Medicine and Dentistry of New Jersey
New Jersey Medical School
Newark, New Jersey |
| 2004 | Clinical Instructor of Human Gross Anatomy and Embryology
UCI, College of Medicine
Irvine, California |