

Dr. Ajay K. Dhadwal

PERSONAL INFORMATION

Business Address:
New Jersey Medical School
Department of Surgery-Division of Vascular Surgery
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Foreign Languages: Hindi, Punjabi

EDUCATION

UNIVERSITY COLLEGE LONDON MEDICAL SCHOOL
Doctor of Medicine

London, England
1989-1995

POSTGRADUATE TRAINING

BOSTON UNIVERSITY SCHOOL OF MEDICINE
General Surgery Resident, PGY I & II

Boston, MA
7/01-7/03

- Chairman & Program Director: Dr J. Becker

MAIMONIDES MEDICAL CENTER
Categorical General Surgery Resident

Brooklyn, NY
7/03-6/07

- Chairman & Program Director: Dr J.N. Cunningham Jr.
- Research Year, 7/03- 6/04
- PGY III & IV, 7/04- 6/06
- Chief Resident, 7/06- 6/07

BAYLOR COLLEGE OF MEDICINE
Vascular Surgery Fellow

Houston, TX
7/07- 7/09

- Program Director: Dr Peter Lin
- Rotating Hospitals: Methodist Hospital: Dr A. Lumsden, Dr E. Peden
St. Luke's Hospital: Dr J. Coselli, Dr T. Huynh
VA Hospital: Dr P. Lin, Dr P. Koungias, Dr Bechara
Ben Taub General Hospital: Dr P. Lin, Dr T. Huynh

RESEARCH FELLOWSHIPS

YALE UNIVERSITY SCHOOL OF MEDICINE, Division of Vascular Surgery
Principle Investigator: Dr B.E Sumpio

7/99-7/01

MAIMONIDES MEDICAL CENTER, Division of Cardiothoracic Surgery
Principle Investigator: Dr M. Vaynblat

7/03-7/04

BAYLOR COLLEGE OF MEDICINE, Division of Vascular Surgery
Principle Investigator: Dr Johnny Chen

7/07-10/07

ACADEMIC APPOINTMENTS

Assistant Professor of Surgery
Division of Vascular Surgery
Rutgers University, New Jersey Medical School

Newark, NJ
10/13-Current

Assistant Professor of Surgery
Division of Vascular Surgery
University of Illinois, Chicago

Chicago, IL
1/10 – 9/11

CERTIFICATIONS

ECFMG Certified (Indefinitely)
American Board of Surgery, General Surgery, 2008
American Board of Surgery, Vascular Surgery, 2011
Registered Physician Vascular Interpretation (RPVI), June 2010

MANUSCRIPTS

Dhadwal AK, Wang X, Annambhotla S, Lin PH, Yao Q, Chen CJ. Capsaicin blocks HIV protease inhibitor ritonavir-induced vascular dysfunction in porcine pulmonary arteries. *Med Sci Monit.* 2009 Jan;15(1):BR1-5

Nino G, Savchenko O, Vastola P, Pagala M, **Dhadwal AK**, Vaynblat M, Marcus M, Kazachkov M. Lipid laden macrophage indices and reflux finding score in canine gastroesophageal reflux model. *Pediatr Pulmonol.* 2007 Dec;42(12):1181-6.

Dhadwal AK, Vaynblat M, Balasubramanya S, Pagala M, Schulhoff N, Burack JH, Cunningham JN Jr. Circadian Rhythm has no effect on Mortality in Coronary Artery Bypass Surgery. *J Card Surg.* 2007 Jan-Feb;22(1):26-31.

Savchenko O, **Dhadwal AK**, Pagala M, Bala S, Narwal S, Huang R, Vaynblat M, Marcus M, Kazachkov M. Lipid-laden macrophage index in healthy canines. *Eur J Clin Invest.* 2006 Jun;36(6):419-22.

Dhadwal AK, Abrol S, Zisbrod Z, Cunningham J. Pseudoaneurysms of the Ascending Aorta following Coronary Artery Bypass Surgery. *J Card Surg* 2006 May-June; 21(3):221-4.

Di Luozzo G, Pradhan S, **Dhadwal AK**, Chen A, Ueno H, Sumpio BE. Nicotine induces mitogen-activated protein kinase dependent vascular smooth muscle cell migration. *Atherosclerosis* 2005 Feb; 178(2):271-277.

Kilaru S, Frangos SG, Chen AH, Gortler D, **Dhadwal AK**, Araim O, Sumpio BE Nicotine: A review of its role in atherosclerosis. *J Am Coll Surg.*2001 Nov; 193 (5):538-46.

Chalmers RTA, **Dhadwal AK**, Deal JE Sever PS, Wolfe JH. The surgical management of renovascular hypertension in children and young adults. *Eur J of Vasc Endovasc Surg* 2000 Apr; 19(4):400-5.

BOOK CHAPTERS

Dhadwal AK, Peden E, Reardon M, Lumsden AB Abdominal Compartment Syndrome after EVAR for ruptured abdominal aortic aneurysms: Detection and treatment. Book chapter in *Endovascular Management of Aorto-Iliac Complications* 2008.

Chalmers RTA, **Dhadwal AK**, Deal JE, Wolfe JH. What are the indications for intervention in renal artery stenosis? Book Chapter in *Indications in Vascular Surgery* 1998. Editor R. Greenhalgh.

PRESENTATIONS

Endovascular Tibial Interventions: Are We There Yet? *American College of Surgeons, New Jersey Chapter, December 2013*

Habeeb MA, Bhagwandin S, **Dhadwal AK**, Borhani M. Popliteal Artery Pseudoaneurysm resulting from Osteochondroma of the Femur in a Pediatric Patient. *Midwestern Vascular Surgical Society, September 2011*

Updates in management of DVT and Venous Disease. Department of Medicine Grand Rounds, *University of Illinois, Chicago, 7/27/2010.*

Dhadwal AK, Wang X, Annambhotla S, Lin PH, Yao Q, Chen CJ. Hot Pepper Ingredient Capsaicin Inhibits the Detrimental Effect of HIV Protease Inhibitor Ritonavir on Porcine Pulmonary Arteries. *Society of University Surgeons. San Diego, February 2008.*

Dhadwal AK, Vaynblat M, Balasubramanya S, Pagala M, Schulhoff N, Burack JH, Cunningham Jr JN. Circadian Rhythm has no effect on Mortality in Coronary Artery Bypass Surgery. *Chest* 2005, *American College of Chest Physicians, Montreal, Canada. October 2005.* *New York Society for Thoracic Surgery, New York, NY. November 2006.*

Shah PC, Pagala M, **Dhadwal AK**, Gustavo N, Cunningham, Jr. JN, VaynblatM, Kazachkov M. Telemetric monitoring of intrapleural pressures in a dog model. *Association for Academic Surgery, San Diego, CA, February 7-10 2006.*

Bala S, Vaynblat M, **Dhadwal AK**, Cunningham Jr JN. Open Cardiac Surgery in Patients with Hematological Malignancies. *Chest 2004, American College of Chest Physicians, Seattle, WA, October 23-28 2004. New York Society for Thoracic Surgery, New York, NY, Nov 18 2004.*

Li W, **Dhadwal AK**, Hai Q, Sumpio BE. Strain-induced vascular endothelial proliferation requires the S6 kinase signal pathway. *Surgical Forum, American College of Surgeons, Oct 2001.*

Chen AH, Gortler DS, **Dhadwal AK**, Jeffries B, Araim O, Kilaru S, Sumpio BE. Cyclic strain induced phosphorylation of akt and bad in bovine aortic endothelial cells. *Joan L. and Julius H. Jacobson Research Initiatives Conference In Vascular Disease, Bethesda, Maryland, March 2-3 2001.*

Chen AH, Li S, Frangos SG, Di Luozzo G, **Dhadwal AK**, Sumpio BE. Cyclic strain induces RhoA activation in bovine aortic endothelial cells. *Association of Academic Surgeons. 34th Annual Meeting, Tampa, Fl, November 2-4 2000.*

Di Luozzo G, **Dhadwal AK**, Frangos SG, Chen AH, Jeffries BW, Dudrick SJ, Sumpio BE. Endothelial cells exposed to nicotine act as a chemoattractant for vascular smooth muscle cell migration. *Surgical Forum, American College of Surgeons, Chicago, Il, October 23 2000.*

Dhadwal AK, Frangos SG, Knox R, Akasaka N, Di Luozzo G, Chen A, Sumpio BE. Activation of MAP Kinase by nicotine in vascular smooth muscle cells. *Experimental Biology, San Diego, CA, April 15-18 2000.*

Di Luozzo G, **Dhadwal AK**, Frangos SG, Chen AH, Jeffries BW, Dudrick SJ, Sumpio BE. p38 MAP Kinase activation and vascular smooth muscle cell migration following nicotine exposure. *Experimental Biology, San Diego, CA, Apr 15-18 2000.*

Chalmers RTA, **Dhadwal AK**, Deal J, Wolfe JHN. What are the indications for intervention in renal artery stenosis in children and young adults. *Association of Surgeons of Great Britain and Ireland, Edinburgh, Scotland, May 1998.*