

## Curriculum Vitae

### Gabriele Di Luozzo, M.D.

- 1996-1997 *Yale University School of Medicine*  
Postdoctoral Research Fellowship  
Principle Investigators: Dr. Richard J. Powell and Bauer E. Sumpio  
New Haven, Connecticut
- 1999-2000 *Yale University School of Medicine, Section of Vascular Surgery*  
Postdoctoral Research Fellowship  
Principle Investigator: Dr. Bauer E. Sumpio  
New Haven, Connecticut
- 2005- *Mount Sinai School of Medicine, Department of Cardiothoracic Surgery*  
Clinical outcomes in thoracic and thoracoabdominal aortic surgery  
Principle Investigator: Randall B. Grieppe  
New York, New York

#### Post-doctoral Training:

- 1997-1999 *Yale New Haven Hospital, Yale University School of Medicine*  
Chairman: Ronald C. Merrell, M.D.  
General Surgery Resident, PGY I & II  
New Haven, Connecticut
- 2000-2001 *St. Mary's Hospital- Yale University School of Medicine Affiliated Hospital*  
Chairman: Stanely J. Dudrick, M.D.  
Categorical General Surgery Resident, PGYIII  
Waterbury, Connecticut
- 2001-2003 *Beth Israel Deaconess Medical Center, Harvard Medical School*  
Chairman: Josef E. Fischer, M.D.  
Categorical General Surgery Resident  
Boston, Massachusetts
- 2003-2005 *University of Miami/ Jackson Memorial Medical Center*  
Chief: Tomas A. Salerno, M.D.

## Curriculum Vitae

### Gabriele Di Luozzo, M.D.

Cardiothoracic Surgery Resident  
Miami, Florida

2005-2006      *Mount Sinai Medical Center*  
Chairman: David H. Adams, M.D.  
Aortic Surgery Fellowship/Dr. Randall B. Griep  
New York, New York

#### **Institutional Appointments:**

2006-            Assistant Professor of Cardiothoracic Surgery  
Department of Cardiothoracic Surgery  
Mount Sinai School of Medicine  
New York, New York

#### **Hospital Appointments:**

2006-            Attending Cardiac Surgeon  
Mount Sinai Medical Center  
New York, New York

2006-2008      Attending Cardiac Surgeon  
Jersey City Medical Center  
Jersey City, New Jersey

2007-            Attending/Consultant Cardiothoracic Surgeon  
North General Medical Center  
New York, New York

#### **Certifications:**

2003            American Board of Surgery, Qualifying examination

2004            American Board of Surgery, Certifying examination  
Certificate No. 49715

2005            American Board of Thoracic Surgery, Qualifying examination

2006            American Board of Thoracic Surgery, Certifying examination  
Certificate No. 7161

## **Curriculum Vitae**

**Gabriele Di Luozzo, M.D.**

2007	Advanced Cardiac Life Support (ACLS)
2007	GORE TAG® Thoracic Endoprosthesis Training Course
2007	STS Thoracic Endoprosthesis Training Course

### **Honors & Awards:**

Dean's List, St. John's University

Distinguished Scholar Award, Ross University School of Medicine, 1994

Graduated with High Honors, Ross University School of Medicine, 1997

Resident Teaching Award, Beth Israel Deaconess Medical Center, 2002-2003.

Best Abstract Presentation, 6<sup>th</sup> International Redo Cardiac Surgery in Adults Symposium. San Francisco, CA, April 8-9, 2005.

### **Professional Societies:**

2008-	Society of Thoracic Surgeons-Associate
2008-	New York Society of Thoracic Surgery

### **Teaching Responsibilities:**

2006-	Assistant Professor, Cardiothoracic Surgery, Mount Sinai School of Medicine
2005-2006	Instructor of Surgery, Mount Sinai School of Medicine
2003-2005	Clinical Instructor in Surgery, Harvard Medical School

### **Major Administrative Responsibilities**

**Curriculum Vitae**  
**Gabriele Di Luozzo, M.D.**

- 2007- Institutional Research Board, Mount Sinai Medical Center
- 2007- JCAHO Anti-coagulation Safety Task Force, Mount Sinai Medical Center

**Current Research Activities:**

- 2008- Principle Investigator, GCO 07-0354, Acute Lung Injury after Repair of Thoracic Aortic Aneurysm

**Abstracts and Presentations**

1. C. D. Etz, S. Zoli, F. A. Kari, C.S. Mueller, C. A. Bodian, **G. Di Luozzo**, K. Plestis, R. B. Griep. Redo Lateral Thoracotomy for Reoperative Descending and Thoracoabdominal Aortic Repair: A Consecutive Series of 60 Patients. Society of Thoracic Surgeons 45th Annual Meeting, (Oral presentation). San Francisco, CA, January 26-28, 2009.
2. Christian. D. Etz, Konstadinos A. Plestis, Ricardo Lazala, **Gabriele Di Luozzo**, Randall B. Griep. Direct Monitorng of Spinal Cord Collateral Perfusion Pressure in Descending Thoracic and Thoracoabdominal Aneurysm Repair Involving Extensive Segmental

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### Gabriele Di Luozzo, M.D.

Artery Sacrifice. Southern Thoracic Surgical Association 55<sup>th</sup> Annual Meeting. (Accepted).

3. Christian. D. Etz, Maximilian Luehr, Daniel Silovitz, Carol. A. Bodian, Konstadinos A. Plestis, David Spielvogel, **Gabriele Di Luozzo**, Randall B. Griep. Axillary Cannulation significantly Improves Neurological Outcomes after Atherosclerotic Aneurysm Repair of the Ascending and Aortic Root. Southern Thoracic Surgical Association 54<sup>th</sup> Annual Meeting (oral presentation). Bonita Springs, FL, November 7-11, 2007.
4. C. D. Etz, T. M. Homann, D. Silovitz, C. A. Bodian, M. Lueher, **G. Di Luozzo**, K. Plestis, R. B. Griep. Vascular Graft Replacement of the Ascending and Descending aorta: Do Dacron Grafts Grow? Society of Thoracic Surgeons 43<sup>rd</sup> Annual Meeting, (Oral presentation). San Diego, CA, January 29-31, 2007.
5. Christian. D. Etz, Tobias M. Homann, Daniel Silovitz, David Spielvogel, C. A. Bodian, **Gabriele Di Luozzo**, Konstadinos A. Plestis, Randall B. Griep. Long-term Survival after the Bentall Procedure in 205 Patients with Bicuspid Aortic Valve. Southern Thoracic Surgical Association. (Oral Presentation). Tucson, AZ, November 8-11, 2006.
6. C. D. Etz, T. M. Homann, N. Rane, C. A. Bodian, F. Kilburn-Toppin, **G. Di Luozzo**, K. Plestis, R. B. Griep. Aortic Root Reconstruction with Bioprosthetic Valved Conduits: Reviewing a Consecutive Series of 275 Procedures. Western Thoracic Surgical Association 32<sup>nd</sup> Annual Meeting, Sun Valley, Idaho, June 21-24, 2006.
7. **Gabriele Di Luozzo**, Christian Etz, Konstadinos A Plestis, Randall B. Griep. Mycotic Aortic Arch Aneurysm: Bilateral Thoracotomy Approach. New York Society of Thoracic Surgery, (Video presentation) New York, NY, May 18, 2006.
8. Konstadinos A Plestis, **Gabriele Di Luozzo**, Christian D Etz, Ricardo Bello, Maximilian Luehr, Muhammad Z Khan, Randall B Griep. Pulmonary, Renal, Visceral Complications in Thoracoabdominal Surgery: Predictors, Prevention, and Treatment. Aortic Symposium X (Oral presentation), New York, NY, April 27-28, 2006.
9. Christian D Etz, Konstadinos A Plestis, Tobias M Homann, Carol A Bodian, **Gabriele Di Luozzo**, James C Halstead, Randall B Griep. Reoperative Root and Transverse Arch Procedures: A Contemporary Comparison of Redo and Primary Operation. AATS, 86<sup>th</sup> Annual Meeting, (Oral presentation), Philadelphia, PA, April 29-30, 2006.
10. Tehrani, M. Eskandari, K. Katariya, B. Peterson, R. Stevens, **G. Di Luozzo**, T. Salerno, G. Maurici, D. Eton, M. Morasch, Endovascular Repair of Thoracic Aortic Tears. The Society of Thoracic Surgeons 42<sup>nd</sup> Annual Meeting, (Oral presentation). Chicago, IL, January 30<sup>th</sup>- February 1<sup>st</sup> 2006.

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### Gabriele Di Luozzo, M.D.

11. Lombardi, P, **Di Luozzo G**, Salerno TA, Ricci M. Distribution of Cardiac Output and Oxygen Delivery in Single Ventricle Physiology. 32<sup>nd</sup> Congresso da Sociedade Brasileira de Cirurgia Cardiovascular. (Oral presentation). Victoria-Espirito Santo, Brazil, April 27-30, 2005.
12. Lombardi P, **Di Luozzo G**, Katariya K, Salerno TA. Results of Prospective Randomized Study with SYMMETRY Connector Device: Trends or Facts? 32<sup>nd</sup> Congresso da Sociedade Brasileira de Cirurgia Cardiovascular. (Oral presentation). Victoria-Espirito Santo, Brazil, April 27-30, 2005.
13. **Di Luozzo G**, Schor J, Traad E, Williams D, Carrillo R. Endoscopic Release of the Sternal Adhesions: The Mount Sinai Medical Center Experience. 6<sup>th</sup> International Redo Cardiac Surgery in Adults. (Oral presentation). San Francisco, CA, April 8-9, 2005.
14. **Di Luozzo G**, Lombardi P, Maldonado A, Ricci M, Salerno TA. Concomitant Beating Heart Mitral Valve Surgery and Coronary Artery Bypass in Patients with Compromised Ventricular Function. (Oral presentation) *ISMICS*, New York, NY, June 1-4, 2005.
15. **Di Luozzo G**, Moussa F, Schor J, Traad E, Williams D, Carrillo R. Harmonic Scalpel for Pericardectomy: Novel Approach for an Old Cardiac Dilemma. (Oral Presentation). *Cardiothoracic Technique and Technologies*. 10<sup>th</sup> Annual Meeting, Miami Beach, Florida, March 10-13, 2004.
16. **Di Luozzo G**, Dhadwal AK, Frangos SG, Chen AH, Jefferies BW, Dudrick SJ, Sumpio BE, Endothelial Cells Exposed to Nicotine Act as a Chemom attractant for Vascular Smooth Muscle Cell Migration. (Oral presentation). *General Surgery Grand Rounds*. Yale University School of Medicine, November 16, 2000
17. Akasaka K, N Akasaka, **Di Luozzo G**, Sumpio BE, Homocysteine Promotes Chemotaxis and Activates P38 in Bovine Aortic Smooth Muscle Cells (Poster presentation). *Association for Academic Surgery*. 34<sup>th</sup> Annual Meeting, Tampa, Florida, November 2-4, 2000.
18. Chen AH, Li S, Frangos SG, **Di Luozzo G**, Dhadwal AK, Sumpio BE. Cyclic strain induces RhoA activation in bovine aortic endothelial cells. (Poster presentation). *Association for Academic Surgery*. 34<sup>th</sup> Annual Meeting, Tampa, Florida, November 2-4, 2000.
19. **Di Luozzo G**, Dhadwal AK, Frangos SG, Chen AH, Jefferies BW, Dudrick SJ, Sumpio BE, Endothelial Cells Exposed to Nicotine Act as a Chemom attractant for Vascular Smooth Muscle Cell Migration. (Oral presentation). *American College of Surgeons-Surgical Forum*, Chicago, IL, October 22-27, 2000.

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### Gabriele Di Luozzo, M.D.

20. Alan H. Chen, M.D., Spiros G. Frangos, M.D., Alliric Willis, M.D., **Gabriele Di Luozzo, M.D.**, David S. Gortler, Pharm.D., Ajay Dhadwal, M.D., Brian W. Jeffries, B.S., Bauer E. Sumpio, M.D., Ph.D. Cyclic Strain Induces RhoA Activation in Bovine Aortic Endothelial Cells. (Oral presentation). *ICA 2000*, San Diego, CA, June 25-30, 2000.
21. **Di Luozzo G**, Dhadwal AK, Willis A, Frangos SG, Chen AH, Dudrick SJ, Sumpio BE, p38 MAP-Kinase Activation and Vascular Smooth Cell Migration Following Nicotine Exposure (Poster presentation). *FASEB 2000*, San Diego, CA, April 15-18, 2000.
22. Dhadwal AK, Frangos SG, Knox R, Akasaka N, **Di Luozzo G**, Chen AH, Sumpio BE, Activation of MAP-Kinase by Nicotine in Vascular Smooth Muscle Cells (Poster presentation). *FASEB 2000*, San Diego, CA, April 15-18, 2000.
23. Frangos SG, Knox RC, Chen E, **Di Luozzo G**, Chen AH, Dhadwal AK, Willis A, Gortler DS, Sumpio BE, Signal Transduction Induced by Cyclic Strain: FAK, src, MAPK, etc. (Oral presentation). *General Surgery Grand Rounds*, Yale University School of Medicine, February 18, 2000.
24. Frangos SG, Knox RC, Chen E, **Di Luozzo G**, Chen AH, Willis A, Gortler DS, Sumpio BE, Signal Transduction Induced by Cyclic Strain: FAK, src, MAPK, etc. On-line proceedings of the 6<sup>th</sup> *Internet World Congress for Biomedical Sciences-INABIS 2000*. (<http://www.uclm.es/inabis2000/symposia/seesymp.asp?area=38&contador=37>), February 14-25, 2000.
25. **Di Luozzo G**, Carruth JA, Bhargava J, Sumpio BE, Powell RJ, Specific Induction of Smooth Muscle Cell Proliferation via Endothelin-1 Receptor B (Oral presentation). *Association for Academic Surgery*, 30<sup>th</sup> Annual Meeting, Chicago, IL, November 16, 1996.

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## Gabriele Di Luozzo, M.D.

### **Publications:** (Peer-reviewed journals)

1. **Gabriele Di Luozzo**, Christian D. Etz, Randall B. Griep. Supradiaphragmatic Inferior Vena Cava Cannulation for Thoracoabdominal Aortic Aneurysm Repair. *Annals of Thoracic Surgery* (Accepted).
2. **Gabriele Di Luozzo**, David H. Adams. Ruptured Mitral Valve Abscess. *Annals of Thoracic Surgery* (submitted).
3. **Gabriele Di Luozzo**, Daniel Herron, Virginia Litle, Alfio Carroccio, Elana Maser, David H. Adams. Left ventricle-to-jejunal fistula: lethal etiology of massive hematemesis. *Annals of Thoracic Surgery* (submitted).
4. Michael A. Via, Jayashree Raikhelkar, Corey Scurlock, **Gabriele Di Luozzo**, Jeffrey I. Mechanick. Chromium Infusion Reverses Extreme Insulin Resistance in the Cardiothoracic ICU. *Nutrition in Clinical Practice* 2008;23:325-8.
5. Christian. D. Etz, Konstadinos A. Plestis, Tobias M. Homann, C. A. Bodian, **Gabriele Di Luozzo**, David Spielvogel, Randall B. Griep. Reoperative Aortic root and Transverse Arch Procedures: A comparison with contemporaneous primary operations. *Journal of Thoracic and Cardiovascular Surgery* (accepted).
6. Koichi Nomoto, MD, Ingrid Hollinger, MD, **Gabriele DiLuozzo, M.D.** Gregory W. Fischer, MD. Recognition of a Cleft Mitral Valve utilizing Real-time 3-dimensional Transesophageal Echocardiography. *Anesthesia and Analgesia* (Accepted).
7. **Gabriele Di Luozzo**, Henry Tannous, Sharif H Ellozy, Scott Nowakowski, Konstadinos A Plestis, David H Adams, and Randall B Griep. Delayed Repair of Acute Type A Aortic Dissection in a Patient with Gastrointestinal Bleeding and Pulse Deficit. *Annals of Thoracic Surgery* 2007 Dec;84(6):2097-9.
8. Etz CD, Homann TM, Silovitz D, Spielvogel D, Bodian CA, Luehr M, **Di Luozzo G**, Plestis KA, Griep RB. Long-term survival after the Bentall procedure in 206 patients with bicuspid aortic valve. *Ann Thorac Surg.* 2007 Oct;84(4):1186-93.
9. Christian D Etz, Tobias Homann, Daniel Silovitz, Carol A Bodian, Maximilian Luehr, **Gabriele Di Luozzo**, Konstadinos A Plestis, and Randall B Griep. Vascular Graft Replacement Of The Ascending and Descending Aorta: Do Dacron Grafts Grow? *Annals of Thoracic Surgery.* *Annals* 2007,Oct(84)4:1206-12.
10. Etz CD, Homann TM, Rane N, Bodian CA, **Di Luozzo G**, Plestis KA, Spielvogel D, Griep RB. Aortic root reconstruction with a bioprosthetic valved conduit: a

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### Gabriele Di Luozzo, M.D.

- consecutive series of 275 procedures. *J Thorac Cardiovasc Surg.* 2007 Jun;133(6):1455-63.
11. Christian. D. Etz, Tobias M. Homann, Daniel Silovitz, David Spielvogel, C. A. Bodian, **Gabriele Di Luozzo**, Konstadinos A. Plestis, Randall B. Griep. Long-term Survival after the Bentall Procedure in 205 Patients with Bicuspid Aortic Valve. *Journal of Thoracic and Cardiovascular Surgery* (submitted).
  12. Christian D Etz, **Gabriele Di Luozzo**, Ricardo Bello, Maximilian Luehr, Carol A. Bodian, Randall B Griep, Konstadinos A Plestis. Pulmonary Complications after Descending and Thoracoabdominal Aortic Aneurysm Repair: Predictors, Prevention, and Treatment. *Annals of Thoracic Surgery* 2007, Feb(83)2:S890-2.
  13. Tehrani HY, Peterson BG, Katariya K, Morasch MD, Stevens R, **G. Di Luozzo**, Salerno TA, Maurici G, Eton D, Eskandari MK. Endovascular Repair of Thoracic Aortic Tears. *Annals of Thoracic Surgery.* 2006, Sept;82(3):873-7.
  14. **Di Luozzo G**, Lombardi P, Maldonado A, Ricci M, Salerno TA. Concomitant Beating Heart Mitral Valve Surgery and Coronary Artery Bypass in Patients with Compromised Ventricular Function. *Innovations*, 2006 Summer;1(4):151-4.
  15. Akasaka K, Akasaka N, **Di Luozzo G**, Sasajima T, Sumpio BE. Homocysteine Promotes p38-dependent Chemotaxis in Bovine Aortic Smooth Muscle Cells. *Journal of Vascular Surgery.* 2005 Mar;41(3):517-22.
  16. **Di Luozzo G**, Salerno TA. Invited Commentary: Transmural Differences in Myocardium Function and Metabolism During Direct Ventricular Sourcing. *Annals of Thoracic Surgery* 2005;80:161-162.
  17. **Di Luozzo G**, Schor J, Traad E, Williams D, Carrillo R. Endoscopic Release of the Sternum in Re-operative Cardiac Surgery. *Journal of Cardiac Surgery* 2006; 21(2):166-7.
  18. Lombardi P, Ricci M, Moussa F, **Di Luozzo G**, and Salerno TA. Aortic Valve Replacement in a Beating Heart: Simultaneous Antegrade and Retrograde Perfusion with Warm Oxygenated Blood. *Asian Cardiovascular Thoracic Annals* (in review).
  19. **Di Luozzo G**, Moussa F, Schor J, Traad E, Williams D, Carrillo R. Harmonic Scalpel for Pericardectomy: Novel Approach for an Old Cardiac Dilemma. *Heart Surgery Forum* 2004;7(5):418-20.
  20. **Di Luozzo G**, Panos AL, Lombardi P, Salerno TA. Simultaneous Antegrade/Retrograde Normothermic Perfusion with Blood (Beating Heart) for

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### Gabriele Di Luozzo, M.D.

- Aortic Root Replacement in Acute Type A Dissection of the Aorta. *Journal of Cardiac Surgery* 2005 Jul-Aug;20(4):350-2.
21. **Di Luozzo G**, Kim HB, Boiselle PM, Colin A, Fishman SJ. Congenital Absence of the Right Upper Lobe Bronchus with Double Segmental Tracheal Bronchi. *Annals of Thoracic Surgery* 2005;79(1):331-334.
  22. **Di Luozzo G**, Pradhan S, Dhadwal AK, Chen AH, Ueno H, Sumpio BE. Nicotine induces MAP-Kinase dependent vascular smooth muscle cell migration. *Atherosclerosis* 2005;178:271-77.
  23. Frangos SG, Knox R, Yano Y, Chen E, **Di Luozzo G**, Chen AH, Sumpio BE. The integrin-mediated cyclic strain-induced signaling pathway in vascular endothelial cells. *Endothelium*. 2001;8(1):1-10.
  24. **Di Luozzo G**, Dhadwal AK, Frangos SG, Chen AH, Jeffries BW, Dudrick SJ, Quigley W, Sumpio BE. Endothelial Cells Exposed to Nicotine Act as a Chemom attractant for Vascular Smooth Muscle Cell Migration. *Surgical Forum*. October 2000;Vol VI:373-375.
  25. **Di Luozzo G**, Bhargava J, Powell RJ, Vascular smooth muscle cell effect on endothelial cell endothelin-1 production. *Journal of Vascular Surgery*. April 2000;31:781-9.

#### Video Presentations

1. **Gabriele Di Luozzo**, Alfio Carroccio, Christian D Etz, Ricardo Lazala, David H. Adams, Randall B. Griep. Ligation of a Thoracoabdominal Aneurysm and Aortic Arch to Femoral Artery Bypass. Aortic Symposium, New York, May 8-9, 2008.

#### Book Chapters

1. Di Luozzo G, Griep RB. Peri-operative Care of the Aortic Surgery Patient. In: Filsoufi F, Adams DH, (eds). Perioperative Care in Adult Cardiac Surgery. Philadelphia: Elsevier, Saunders (In preparation 2007).

## **Curriculum Vitae**

**Gabriele Di Luozzo, M.D.**

2. Di Luozzo G, Griep RB. Experimental Basis and Clinical Studies of Brain Protection in Aortic Arch Surgery. In: Robert Bonser, Domenico Pagano, and Axel Haverich (eds). Monographs of Cardiac Surgery: Brain Protection in Cardiac Surgery. New York:Springer (In preparation).

### **Publications:** (Non-peer-reviewed journals)

1. **Di Luozzo G**, Generations of Cutting and Sewing. *Primo Magazine* 2008;Apr-May:14-15.