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**FACS, FCCP, FACC**  
**Minneapolis Heart Institute at Abbott Northwestern**  
**Chief Cardiothoracic Surgery Hennepin County Medical Center**  
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**PLACE AND DATE OF BIRTH**      Rome, Italy. September 11, 1968

**EDUCATION**

Fellowship Surgery of the aorta and aortic valve  
Baylor College of Medicine/Texas Heart Institute. Houston TX 7/1/2007 – 6/30/2008

Fellowship Cardiothoracic Surgery  
University of Miami 7/1/2005 - 6/30/2007

Residency in General Surgery PGY 2-PGY 5  
Hospital of Saint Raphael/Yale University School of Medicine  
New Haven, CT. 7/1/2001 - 6/30/2005

Residency in General Surgery PGY 1  
Orlando Regional Medical Center  
Orlando, FL. 7/1/2000 – 6/30/2001

PH.D - Hyperparathyroidism and transplant of parathyroid glands in patients with chronic renal failure.  
University of Rome, Italy. 1997-2000

Clinical Fellow - Advanced GI Surgery. 1999 – 2000  
Department of General Surgery  
Brown University, Providence, Rhode Island

Research Fellow - 1998 – 1999  
Colon and Rectal Clinic  
Orlando Regional Medical Center, Orlando, Florida

Resident in General Surgery - 1992 – 1997  
University of Rome, Italy

Medical Lieutenant - 1994 - 1995

Italian Navy

Degree in Medicine - 1986 - 1992

Magna Cum-Laude

University of Rome, Italy

### **APPOINTMENTS:**

Division Chief Cardiothoracic Surgery, Hennepin County Medical Center, January 2015-

Minneapolis Heart Institute at Abbott Northwestern, Adult Cardiac Surgery and Aortic Surgery  
September 2014-

Indiana University School of Medicine, Assistant Professor Cardiac Surgery, 2012 to May 2014

University of Iowa College of Medicine. Assistant Professor of Cardiac Surgery. 2008 to 2012

University of Iowa College of Medicine, Director of the Aortic Surgery Program, 2008 to 2012

### **CERTIFICATIONS, AFFILIATION AND LICENSURE**

Minnesota Medical License, August 2014

Indiana Medical License, June 2012

Iowa Medical License, September 2008

American Board of Thoracic Surgery certification, June 2008

Certification for Aortic Thoracic Stenting (Gore) 2008

Florida Medical License, October 2008

American Board of Surgery Certification, October 2006

USMLE Certification (United States Medical License) July 24, 1998

FCCS Certification (Fundamental Critical Care Support) 2005

ATOM Certification (Advanced Trauma Operative Management) 2004

### **PROFESSIONAL ORGANIZATION MEMBERSHIPS**

Fellow of the American College of Surgeons 2012-

Fellow of the American College of Cardiology 2011-

Fellow of the American College of Chest Physician 2011-

Member of the European Association for Cardiothoracic Surgery (EACTS) 2009-

Member of the Society of Thoracic Surgery (STS) 2008-

### **PROFESSIONAL HONORS AND AWARDS**

“Fellow of the Year” University of Miami Miller School of Medicine

2006 – 2007

Trauma Award Connecticut Chapter of the American College of Surgeons

2003

‘Ettore Ruggeri Award’, Italian Surgical Society \$ 15,000

Milan, Italy 1993

## **PROFESSIONAL DEVELOPMENT**

Minimally Invasive Valve Surgery Course, Medtronic Inc, Las Vegas, NE. October 2012

Advanced Endovascular Aortic Therapy, Gore, Flagstaff, AZ. September 2012

Trans-catheter Aortic Valve Teaching Course, Society of Thoracic Surgery. June 2011

Minimally Invasive Valve Surgery Course, Medtronic Inc., Miami. December 2010

Minimally Invasive Valve Surgery Course, Medtronic Inc. San Francisco, November 2009

Valve Surgery Course, Society of Thoracic Surgery, New York City, NY, November 2008

## **TEACHING**

Daily teaching SICU rounds and operating room proctoring, Hennepin County Medical Center (HCMC, 2015-)

Clinical Simulation Lab testing for 2<sup>nd</sup> and 3<sup>rd</sup> year General Surgery Residency class. Hennepin County Medical Center (HCMC). April 2015.

Weekly teaching rounds for Cardiothoracic Fellows and Residents (Indiana University. 2013-)

Weekly Clinical Case Conference Cardiothoracic Fellows and Residents (Indiana University. 2013-)

Monthly anastomosis workshop for General Surgery residents (Indiana University. 2013-)

Pig-heart Wet-lab for Cardiothoracic residents and fellows (Indiana University. June 2013)

Mock Oral Examination Cardiothoracic Surgery Fellowship (Indiana University. December 2012)

Mock Oral Examination General Surgery Residency (Indiana University. February 2013)

## **TEACHING Lectures**

“Principles and applications of ECMO”. Lecture at ECMO conference at Hennepin County Medical Center. April 2015

“Principle of postoperative care management after cardiac surgery”. Teaching lecture for Surgical Intensive Care staff, Hennepin County Medical Center. March 2015

“Invasive options for treatment of pulmonary embolism”. Emergency Department Ground Rounds, Hennepin County Medical Center. February 2015.

“Thoraco-abdominal Aortic Aneurysms”. Lecture for Cardiothoracic Surgery Program, Indiana University, August 2013

“The Evolution of Cardiac Surgery”. Lecture for Cardiology Ground Rounds, Indiana University, February 2013

“Endovascular therapy for thoracic aortic aneurysms”. Lecturer for class of Design of Circulatory Implants and Artificial Organs. School of Biomedical Engineering. University of Iowa Carver College of Medicine. 2011 and 2012

“Use of Fibrin sealant”, invited speaker. Baxter workshop for use of hemostatic agents, St. Louis, MO April 2011

“Endovascular Treatment of Aortic pathologies”. Seminar for Post-graduate students, Department of Bio-engineering. University of Iowa, March 2011

“Operative strategies for thoraco-abdominal Aortic Aneurysms”, invited speaker. Baxter Training Campus, Austin Tx, January 2011

“Endovascular Treatment of Aortic pathologies”. Seminar for Post-graduate students, Department of Bio-engineering. University of Iowa, February 2010

What’s new in cardiac surgery”. Presentation at Mini-Med School, Iowa City, IA, February 2009

“Off-Pump Coronary Artery Re-vascularization”. Presentation at Mini-Med School, Des Moines, IA, November 2008

“Aorta and Aortic Valve”. Cardiology Ground Rounds, University of Iowa Carver College of Medicine, November 2008

“Thoracic Surgery in General surgery training. Do we know enough?”  
General Surgery Grand Rounds. Hospital of Saint Raphael 2005

“Asymptomatic stab wounds to the chest. Role of delayed CXR”  
Annual Meeting of the Connecticut Chapter of the American College of Surgeon (2003)

“Cancer of Colon and Rectum” – Lecture to 5<sup>th</sup> year med student. March Brown University School of Medicine, 2000.

“The Use of Biliary Acids in Status Post Cholecystectomy”. University of Rome. Meeting of Roman Surgical Society, 1996

“Value of Extranodal Diffusion of Lymphatic Metastasis in the Staging and Prognosis of Gastric Carcinoma” Doctoral Thesis, University of Rome, 1992.

## **MENTORING**

Paul Stahler, Jonathan Paptic, Rachel Ott, Sara Widenberg, Joseph Skaja, Timothy Perkins, Ellen Liang. General Surgery Residents. Operating room and SICU teaching rounds.

Thomas Krupsi. Preceptor. Visiting PA Student from University of Iowa. Indiana University May 2013.

Kyle Yancey, Mike Kilborne, Amjad Saeid. Training of Cardiothoracic Surgery fellows at IUSOM Operating room teaching, Clinical Rounds. Weekly clinical conference. Wet-lab workshops, July 2012.

Mentor to the Biomedical Engineering Senior Design Class, University of Iowa 2011 to current

Co-mentor to Bio-medical Engineering Honor Student, University of Iowa 2011

Jeremy Nelson and Melissa Opsahl (2009)

Megan Whitehouse, Shawn Chezem (2010);

Sara Feldbrugge, Hilary Klassen, Ronghe Zhang (2011);

Christopher Bryan (2012).

Proctoring and Mentoring of Physician Assistant Students. University of Iowa, 2009-2012:

Dr. JB Badbajnov, Proctoring and Mentoring of Visiting Scholars. University of Iowa, 2009-2011:

Dr. Karam Karam, Postdoctoral training. University of Iowa 2009-2011:

Drs. Jose' Torres, Samad Hashimi, Mohammad Bashir, Mohammed Ghanama

Training of Cardiothoracic Surgery fellows at University of Iowa Carver College of Medicine, Operating room teaching, Clinical Rounds, Wet-lab workshops, 2008 to 2012:

## **TEACHING ADMINISTRATION AND CURRICULUM DEVELOPMENT**

Weekly and Monthly teaching sessions for Cardiothoracic fellows for completion of the Society of Thoracic Surgery Curriculum. Classes 2008-2010, 2009-2011, 2010-2012, 2011-2013. Indiana University. Classes 2012-2014, 2013-2015.

Development of Cardiothoracic Surgery Curriculum for Physician Assistant Fellowship at Department of Physician Assistant Studies and Services, University of Iowa 2011.

Preparation of Post-training evaluation exams for the discipline of Thoracic and Cardiovascular Surgery as part of the Curriculum for Physician Assistant students, Department of Physician Assistant Studies and Services, University of Iowa 2011.

Weekly and Monthly teaching sessions for Cardiothoracic fellows for completion of the Society of Thoracic Surgery Curriculum. Classes 2008-2010, 2009-2011, 2010-2012, 2011-2013. University of Iowa Carver College of Medicine. Mentor and lecturer.

## **RESEARCH/CREATIVE ACTIVITY**

Clinical study using “Functional” MRI for assessment of type-2 neurologic injuries in “on-pump” vs “off-pump” cardiac surgery

Design of a new model of Aortic-root graft. Introduction in Clinical practice with MRI evaluation of flow reserve. In co-operation with Maquet Cardiovascular LLC. 2011-

Design and realization of a new model of Coronary Sinus Catheter for Cardioplegia Delivery in minimally invasive valve surgery. In co-operation with Department of Biomedical engineering, University of Iowa. 2012-

Study of Aortic Wall-Tension to define susceptibility of different segments of proximal aorta to rupture in Type-A aortic dissections with arch involvement. In co-operation with Department of Biomedical engineering, University of Iowa. 2012

## **GRANTS/FELLOWSHIPS IN RESEARCH**

### **COMPLETED**

Main Investigator	\$ 25,000.00
Design of a new model of Aortic-root graft. Introduction in Clinical practice with MRI evaluation of flow reserve.	
Internal Funds Department Cardio-thoracic Surgery, University of Iowa	
In co-operation with Maquet Cardiovascular LLC.	6/2010-6/2012

Main Investigator	
Design and realization of a new model of Coronary Sinus Catheter for cardioplegia delivery in minimally invasive valve surgery.	
University of Iowa College of Engineering.	
University of Iowa. Internal fund trust for honor student Thesis	2012-2014

Collaborator	\$120,000.00
Study of Aortic Wall-Tension to define susceptibility of different segments of proximal aorta to rupture in Type-A aortic dissections with arch involvement.	
In co-operation with Department of Biomedical engineering	
University of Iowa. Iowa Space Grant Consortium	2012-2014

### **ACTIVE**

Consultant	\$25,000.00
Can Computational Biomechanics Guide Mitral Valve Repair?	
1/2013– 6/2014	

Collaborator	\$550,000.00
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Development of a Mechanobiology Lab  
10/2012 – 12/2013  
Carver Charitable Trust

Collaborator  
\$120,000.00  
Development of Realistic Computational Models of Spaceflight  
Effects on Human Physiology  
Iowa Space Grant Consortium

## **SERVICE**

Member of the International Hemostatic Expert Panel of the Society for the Advancement of Blood Management (SABM). Washington DC May 2015.

Member of the Transfusion Medicine Committee Abbott Northwestern Hospital. December 2014-

Surgical Director ECMO Program, Hennepin County Medical Center. March 2015-

Chief of Cardiothoracic Surgery Hennepin County Medical Center

Member of the Peripheral Vascular Disease Committee of the American College of Cardiology from April 2013 to April 2016

Submission of Application for Center of Excellence for Aortic Diseases, University of Iowa 2011

Director Center for Aortic Surgery, University of Iowa 2008-2012

## **PATIENT CARE/CLINICAL SERVICE**

Multidisciplinary Aortic Clinic. Weekly Clinical Service. University of Iowa 2008-2012

## **PEER REVIEWER**

Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery  
Journal of Blood Disorders and Transfusions  
Journal of Cardiovascular Surgery  
The European Journal of Cardiothoracic Surgery  
Journal of Emergencies, Trauma and Shock  
The American Journal of Medical Sciences  
The Annals of Vascular Surgery

## **EDITORIAL BOARD**

Journal of Blood Disorders and Transfusions  
Executive Editor for Journal of Blood Disorder and Transfusions

## CLINICAL INTERESTS

Off-pump coronary artery revascularization  
Surgery of the aorta  
Valve sparing root replacement  
Endovascular therapy for aortic pathologies  
Minimally-invasive valve surgery  
Beating-heart valve surgery  
Blood Conservation therapy

## Book Chapters

“Le IgG ad alte dosi nei pazienti sottoposti ad intervento chirurgico per cancro gastrico.” P. Chirletti, R. Caronna, M. Ricci, **D. Calcaterra** e V. Stipa. Argomenti di terapia intensiva chirurgica. Ed. Libreria Cortina, Torino. Vol.5, 1992.

"Outcomes of off-pump Coronary Artery Bypass Grafting in High Risk Patients."  
**Domenico Calcaterra**, MD\*, Tomas A. Salerno, MD†, Marco Ricci, MD, MBA‡.  
Chapter of "Off-pump Coronary Artery Surgery. Lippincott Williams and Wilkins, NYC, NY. 2011.

## ABSTRACTS

1. “Gastric preserving pancreatoduodenectomy. A modification of the Klempa procedure”. P.Barillari, M. Ricci, R. Caronna, G. Manetti, **D. Calcaterra**, P. Sammartino. Hepatogastroenterology. Ab. of the updating Course on pancreatic diseases. Genoa, April 22-25, 1992.
2. “Ruolo della chirurgia nel trattamento del linfoma gastrico primitivo”. R. Caronna, M. Ricci, I. Cioe’, **D. Calcaterra**, e V. Stipa. Atti del XIII Congresso Naz. SIPAD, Perugia 10-12 Settembre 1992.
3. Efficacia della valutazione trimestrale di CEA, TPA e GICA nei carcinomi gastrici e coloretali: studio prospettico su 174 casi operati radicalmente”. P. Barillari, M. Ricci, S. Broglia, G. Manetti, **D. Calcaterra**, M. DiMarco, I. Cioe’, R. Caronna, P. Sammartino. Minerva Chirurgica 49; 953-61: 1994.
4. “Le IgG ad alte dosi nei pazienti sottoposti, anche in urgenza, ad intervento chirurgico per cancro gastrico”. R. Caronna, M. Ricci, **D. Calcaterra**, G. Prezioso, P. Grosso, P.Chirletti. XII Congresso Nazionale della Societa’ Italiana di Chirurgia d’Urgenza. Catania-Giardini Naxos, 7-9 Novembre 1993.

5. "Colonoscopy in follow-up of patients with colo-rectal cancer. Results of a randomized trial." P. Barillari, **D. Calcaterra**, S. Cesareo, I. Cioe', A. Bovino, A. Cerasi, P. Ammartino. *Coloproctology* 16; 48-55:1994.
6. "Comportamento chirurgico di fronte ai pazienti con insulinoma" P. Sammartino, P. Chirletti, P. Barillari, **D. Calcaterra**, G. Prezioso, P. Grosso e V. Stipa.. XIV Congr. Naz. SIEC. Bologna 20-24 Novembre 1994.
7. "La GVHD(graft-versus-host-disease) intestinale acuta dopo allotrapianto di midollo" P. Chirletti, R. Caronna, W. Arcese, A.P. Iori, I. Cioe', **D. Calcaterra**, P. Grosso e V. Stipa. Atti del XV Congresso Naz. SIPAD. Firenze, 5-7 Settembre 1995.
8. "Intraoperative alcoholization of unresectable hepatic metastases: can improve the effectiveness of postoperative locoregional chemotherapy(LCR)? Preliminary results" P. Chirletti, R. Caronna, A. Bonifacino, S. Lauro, F. Scopinaro, **D. Calcaterra**, P. Grosso e V. Stipa. International College of Surgeons. Congr. Biennale. Advances in Surgery and Oncology. Milano 28-30 Marzo 1996.
9. "La via venosa periferica per l'applicazione dei sistemi impiantabili per chemioterapia" P. Chirletti, R. Caronna, **D. Calcaterra**, P. Grosso, A. Carloni, A. Brandimarte, P. Piovanello. Atti del I congresso Nazionale SICADS. Milano, 26-7 Gennaio 1996.
10. "Impiego degli acidi biliari nel paziente colecistectomizzato". P. Sammartino, **D. Calcaterra**, P. Barillari, R. Caronna, A. Carloni, J. Puce, P. Piovanello. *La Presse Medicale* n.2 Maggio 1996.
11. "La localizzazione preoperatoria degli insulinomi e' una tappa obbligata nel trattamento chirurgico?" R. Caronna, P. Chirletti, M. Mellozzi, C. Catalano, A. Bonifacino, **D. Calcaterra**, P. Piovanello, G. Tamburrano, V. Stipa. Atti 98 Congresso SIC. Roma, 13-18 Ottobre 1996.
12. "Surgery in the staging and long-term survival of patients with gastric B-cell MALT lymphoma" P. Chirletti, R. Caronna, M. Martelli, P. Piovanello, **D. Calcaterra** e V. Stipa. *The British Journal of Surgery*. Vol. 83, Suppl. November. 1996.
13. "Surgical gastrointestinal complications in patients with acute intestinal graft vs host disease" P. Chirletti, R. Caronna, W. Arcese, A.P. Iori, **D. Calcaterra**, Y. Puce and V. Stipa. *The British Journal of Surgery*. Vol. 83, Suppl. November. 1996.
14. L'inquadramento clinico e problematiche chirurgiche nei pazienti con seconde neoplasie". P. Chirletti, R. Caronna, F. Mauro, M. Martelli, **D. Calcaterra**, I. Cioe', P. Sammartino, P. Mercantini, Valerio Stipa, Vincenzo Stipa. Comunicazioni del 99 Congresso SIC. Padova 19-22 Ottobre 1997.
15. "Gabexate-mesilate in normal human pancreatic Juice: its effects on enzyme activity and

- secretion". P. Chirletti, R. Caronna, L. Diana, R. Di Giovannandrea, **D. Calcaterra**, Piovanello, D. Biacchi, S. Broglia and V. Stipa. *The British Journal of Surgery*. Vol. 84. Suppl. 2. June 1997.
16. "Transvaginal repair of symptomatic rectocele". A. Macaluso, A. Ferrara, P. Williamson, S Larach, J. Gallagher and **D. Calcaterra**. *Dis. Colon Rectum* 1999; 42, A36.
  17. "Asymptomatic stab wounds to the chest: role of delayed chest X-ray film". **D. Calcaterra**, K. Ciardiello, D. Kim, J. Contessa, and J. Bonadies. Presented at the Connecticut Chapter of the American College of Surgeons. Meridien, CT. November 2003.
  18. "Subclavian to Left Anterior Descending artery by-pass via left anterior small thoracotomy (LAST procedure)". **D. Calcaterra**, M. Ricci, A. Panos, L. Garcia, E. Buitrago, TA Salerno. CTSnet video section. Posted Aug 8, 2007
  19. "A case of severe diaphragmatic eventration." **D. Calcaterra**, J Martin, J. Federico. CTSnet webpage. "Case of the month". September 2008.
  20. "Endovascular stenting grafting of a complicated type B aortic dissection with access through the innominate artery". **D. Calcaterra** et al. Presentation at "The Aortic Symposium 2010", April 29-30 NYC, NY.
  21. "Side-graft Axillary Artery Cannulation with approach through the deltoid-pectoral groove". **D. Calcaterra** et al. Abstract and presentation "The Aortic Symposium 2010", April 29-30 NYC, NY.
  22. "Ascending Aortic Aneurysm repair and aortic valve replacement in a Jehovah's witness. A case for anterior Aortoplasty". **D. Calcaterra** et al. Abstract and presentation at "The Aortic Symposium 2010", April 29-30 NYC, NY.
  23. "Modification of Aortic Valve Sparing Root Replacement: creating an anatomic clover-shaped root with the reimplantation technique". K. Sharma, **D. Calcaterra** et al. Presentation at "The Houston Aortic Symposium" March 25-27, Houston. TX.
  24. "Treatment of left ventricular Pseudoaneurysm through left thoracotomy on a beating heart". **D. Calcaterra** et al. CTSnet webpage. "Case of the month". March 2010.
  25. "Right axillary artery cannulation with approach through the deltoid-pectoral groove using a side branch graft." **D. Calcaterra**, S. Hashimi, J. Fernandez, M. Iannettoni. CTSnet web page. "Video of the month". February 2011.
  26. "Arch involvement in type-A acute aortic dissections does not require total arch replacement. Follow-up in 74 patients and mathematical computer aortic flow model predicting aortic wall tension of root, ascending aorta and arch." **D. Calcaterra** et. al. Abstract at the Aortic Symposium 2012, NYC, NY.

27. "Use of a new model of Dacron graft with prefabricated coronary side branches for aortic root reconstruction procedures." **D. Calcaterra** et. al. Abstract at the Aortic Symposium 2012, NYC, NY.
28. "Modification of the David V valve-sparing technique: straightening of the sub-commissural triangles." K. Sharma. **D. Calcaterra**. Abstract at the Aortic Symposium 2012, NYC, NY.
29. "Protocol of antegrade cerebral perfusion reduces mortality." K. Sharma, **D. Calcaterra**. Abstract at the Aortic Symposium 2012, NYC, NY.
30. "A-V ECMO to recovery and hospital discharge following post-cardiotomy shock from right ventricular infarct." A. Syed, Z.A. Hasmi, V. Stone, H. Peters, T. Wozniak, I. Wang, **D. Calcaterra**.
31. "Importance of blood conservation in cardiac surgery and implication on the care of patients refusing blood product transfusions". **D. Calcaterra**. Abstract at the International Conference on Hematology and Blood Disorders (Hematology-2013). Raleigh NC, USA. September 23-25, 2013.
32. "Novel application of an upper hemi-sternotomy to AAOCA". J.W. Turek, B. Hanfland, M. Bates, B. Conway, **D. Calcaterra**. CTSnet web page. Video-presentation, March 2014.

#### PEER-REVIEW ARTICLES

1. "Effectiveness of quarterly assessment of CEA, TPA and GICA serum levels in gastric and colorectal carcinomas: Prospective study of 174 patients undergoing radical surgery." Barillari P, Ricci M, Broglia S, Cerasi A, **Calcaterra D**, Cioe' I, Caronna R, Sammartino P. *Minerva Chir.* 1994;49:953-6
2. "Results of conservative surgery in T1 breast carcinoma. Our experience in 66 treated cases. P. Barillari, M. Leuzzi, M. Nardi, A. Cerasi, M. Ricci, S. Cesareo, A. Brandimarte, G. Manetti, **D. Calcaterra**, P. Sammartino.. *Minerva Chir.* 1994;49; 1083-8:1994.
3. "Video-assisted closed thorax esophagectomy in cancer. A technical proposal. P. Sammartino, A. Bolognese, P. Chirletti, **D. Calcaterra**, A. Carloni, D. Biacchi, Va. Stipa e V. Stipa. *Minerva Chirurgica.* 1997; 52(6):697-704.
4. "Video-assisted transhiatal esophagectomy for cancer" P. Sammartino, P. Chirletti, A. Bolognese, **D. Calcaterra**, M. Cardi, R. Caronna and Va. Stipa. *International Surgery* 1997; 82:406-410.
5. "Gastrointestinal emergencies in patients with acute intestinal graft-versus-host disease". P. Chirletti, R. Caronna, W. Arcese A. P. Iori, **D. Calcaterra**, C. Cartoni, P. Sammartino and V. Stipa. *Leukemia and Lymphoma* 1998; 29, 129-137.
6. "Case Report of Cardiac arrest, abdominal compartment syndrome, and thoracic aortic injury

- with endovascular repair of thoracic aortic tear”. RM Stevens, MB Tehrani , **D Calcaterra** et al. *Journal of Cardiac Surgery*. 22:358-361, 2007.
7. “A new technique for perfusion of the heart during aortic valvular surgery on beating heart ” **D. Calcaterra**, M. Ricci, TA. Salerno. *J Card Surg*. 22:459-464, 2007
  8. “Venous gaseous embolization during endoscopic vein harvesting for coronary artery revascularization. A life-threatening event”. **D. Calcaterra**, TA Salerno. *J Card Surg*. 22:498-9, 2007
  9. “Surgery for cardiac valves and aortic root without cardioplegic arrest (“Beating Heart”): Experience with a new method of myocardial perfusion. TA. Salerno, AL. Panos, T. Hong, R. Deslauriers, **D. Calcaterra**, M. Ricci. *J Card Surg* 22: 459-64, 2007
  10. “Valve-sparing aortic root remodeling with reinforcement of the proximal aortic suture line”. **Calcaterra D**, Garcia L, Panos A, Salerno TA, Ricci M. *J Card Surg*. 2009 Sep-Oct;24(5):539-40.
  11. “Treatment of mediastinitis with wound-vacuum without muscle flaps.” **Calcaterra D**, Garcia-Covarrubias L, Ricci M, Salerno TA. *J Card Surg*. 2009 Sep-Oct;24(5):512-4.
  12. “Acute Mesenteric and Aortic Thrombosis Associated with antithrombin deficiency: A Rare Occurrence.” **D. Calcaterra**, JT. Martin, A. M. Ferneini and RW. De Natale. *Ann Vasc Surg*. 2010 Apr; 24(3):415-7.
  13. “Reduction of postoperative Hypothermia with a new warming device: a prospective randomized trial in off-pump coronary artery surgery.” **D. Calcaterra**, M. Ricci, P. Lombardi, K. Katariya, A. Panos, TA Salerno. *J Cardiovasc Surg*. 2009; 50(6):813-7
  14. “An option for intraoperative placement of IABP in patients with occlusive peripheral vascular disease”. **D. Calcaterra**, K. Karam, J.Badbajanov, J. Davis. *J Thorac Cardio Surg* 2011, 141:586-7.
  15. "Ascending aortic aneurysm and aortic valve replacement in a Jehovah's Witness patient. A case for reinforced reduction aortoplasty." **D. Calcaterra**, K. Ueda, S. Hashimi, T. Brown, D. Calva. *J Card Surg*. 2011; 26:315-5
  16. “Anterior chest ecchymosis from complicated descending thoracic aortic aneurysm.” S. Hashimi, M. Bashir, Y. Suzuki, **D. Calcaterra**. *Eur J Cardiothorac Surg*. 2011; 40:
  17. “Endovascular stent grafting of complicated type-B dissection with approach through the innominate artery using a side branch graft”. **D. Calcaterra**, S. Hashimi, TC. Brown, K. Sharma. *Interact Cardiovasc Thoracic Surgery*. 2011; 13:205-207
  18. “Ascending aortic graft thrombosis and diffuse embolization from early endoluminal aspergillus infection.” **D. Calcaterra**, M. Bashir, M. Gailey. *Ann Thorac Surg*. 2012;

94:1337-

19. "Importance of blood conservation in cardiac surgery and impact on patients refusing blood product transfusions". **D. Calcaterra** (Editorial Article) J Blood Disorders Transf 2012; 3:6.
20. "Computed tomography findings in patient with fungal aortitis: acute aortic syndrome secondary to fusariosis". **D. Calcaterra**, K. Karam, Y. Suzuki. Interactive Cardio Thorac Surg. 2013:1-2.
21. "Semi-autologous repair for congenital discontinuous right pulmonary artery". AY El-Hattab, **D. Calcaterra**<sup>\*†</sup>, KR Parekh, NP Rossi, JE Davis, JW Turek. Ann Thorac Surg 2013;2230-1
22. "Normothermic cardio-pulmonary by-pass with beating heart for management of renal cell carcinoma with atrial tumor thrombus". **D. Calcaterra**, TE Collins, JW Turek, KR Parekh, K. Ueda, S. Hanada, M. Bashir, JA Brown. Innovations 8:316-319, 2013.
23. "Exposure of difficult left hilum in bilateral sequential lung transplantation". **D. Calcaterra**<sup>\*</sup>, M. Bates, JW Turek, K. Parekh. Ann. Thorac. Surg 2014;98:1493-5
24. "Delayed diagnosis for tricuspid regurgitation after blunt chest trauma". Zhao H, McCready RA, Fan J, Hu P, **Calcaterra D**, Ma L. Chin Med J. 2014;127:1794-5
25. "Real-world outcomes of hemostatic matrices in cardiac surgery". Scott Tackett, MHA, MPH; **Domenico Calcaterra**, MD, PhD; Glenn Magee, MBA; Omar Lattouf, MD, PhD. J Cardiothorac Vasc Anesth 2014;28:1558-65
26. "Technique of aortic root reconstruction using a new model of Dacron graft with refabricated coronary branches. **D. Calcaterra**, RS. Farivar, K Parekh, M. Bashir, J. Turek. Innovations 2014;9:451-453
27. "A Minimally Invasive, Algorithm-Based Approach for Anomalous Aortic Origin of a Coronary Artery". J Turek, K. Parekh, M. Bates, M. Bashir **D. Calcaterra**. Innovations. INNOV-D-14-00056. Accepted for publication July 2014.
28. "Exposure of difficult left hilum in bilateral sequential lung transplantation". **Calcaterra D**, Parek K. Ann Thorac Surg. 2015 Sep; Editorial reply.