

CURRICULUM VITAE

Name: Mark D. Gonze, M.D.

Work Address: Vascular Surgery Associates L.L.C.
Upper Chesapeake Medical Campus
Ambulatory Care Center
520 Upper Chesapeake Dr
Suite 306
Bel Air MD 21014
(410) 879-2006

Education:

Undergraduate: Pennsylvania State University
B.S., 1982-1986

Graduate: Pennsylvania State University
M.D., 1987-1991

Postgraduate:

General Surgery Internship, 1991-1992
Allegheny General Hospital
Allegheny University of the Health Sciences

General Surgery Residency, 1992-1997
Allegheny General Hospital
Allegheny University of the Health Sciences

Surgical Research Fellowship, 1993-1994
Allegheny General Hospital
Allegheny University of the Health Sciences

Chief Resident General Surgery, 1996-1997
Allegheny General Hospital
Allegheny University of the Health Sciences

Fellowship:

1997-1999 Vascular Surgery Fellowship
Alton Ochsner Medical Foundation
1997-1998 Assistant director surgical
physiology research
1997-1998 Assistant director non-invasive
vascular laboratory

Licensure: Pennsylvania (MD 052193-L)

Louisiana (L12370-R)
Maryland (D54781)

Certification:

Board Certification General Surgery
Special Certificate in Vascular Surgery

Appointments:

Upper Chesapeake Medical Center
Surgical Director Wound Care Center
St. Joseph's Medical Center
Chief: Division of Vascular Surgery
Greater Baltimore Medical Center
Sinai Hospital
Chief: Division of Vascular Surgery
(2002-2005)
Johns Hopkins University
Clinical Instructor

Hospital Committees:

St Joseph Medical Center
Pharmacy and Therapeutics Committee
Operating Room Committee
Performance Improvement Committee
Heart Hospital Steering Committee
Director Legs for Life
Upper Chesapeake Medical Center
Credentials Committee
Operating Room Committee
Medical Executive Committee
Sinai Hospital
Interventional Credentials Committee
Medical Executive Committee

Awards and Honors:

- 1999 Outstanding Fellow Award
Ochsner Fellows Alumni Association
- 1998 Trustee Award: Ochsner Medical Institutions
Excellence in Research
- 1997 Golden Stethoscope Award, Medical School Class of 1997-Excellence in
Resident Teaching
- 1996 First Place: American College of Surgeons, Region III Committee on
Trauma
- 1996 First Place: American College of Surgeons, Pennsylvania Committee on
Trauma
- 1996 First Place: Allegheny-Singer Research Institute Resident Research
Symposium
- 1996 Golden Stethoscope Award, Medical School Class of 1997-Excellence in
Resident Teaching
- 1996 Golden Stethoscope Award, Medical School Class of 1996-Excellence in
Resident Teaching
- 1995 Second Place: American College of Surgeons, Pennsylvania Committee
Trauma
- 1995 Second Place: Pennsylvania Association of Thoracic Surgery Resident
Research Conference
- 1995 First Place: Allegheny-Singer Research Institute Resident Research
Symposium
- 1994 First Place: Allegheny-Singer Research Institute Resident Research
Symposium
- 1993 First Place: Mark A. Ravitch Award for Surgical Research,
American College of Surgeons, Southwestern Pennsylvania
Chapter
- 1984 Hammond Memorial Scholarship

National Presentations:

1. 1999 Society for Peripheral Vascular Surgery
“Use of ColorMark catheter for thrombin injection of pseudoaneurysms”
2. 1999 Society for Clinical Vascular Surgery
“Complications associated with percutaneous closure devices”
3. 1998 American College of Surgeons: Surgical Forum
“Orally administered heparin with a carrier agent is therapeutic for deep venous thrombosis treatment”
4. 1998 Southern Association for Vascular Surgery
“Perioperative charge comparison between open and endovascular repair of abdominal aortic aneurysms”
5. 1997 Society for Surgery of the Alimentary Tract
“Serum D(-)-Lactate in a rat model of reversible intestinal ischemia”
6. 1996 American College of Surgeons; Committee on Trauma
“D(-)-Lactate as a marker of bacterial translocation after repair of ruptured abdominal aortic aneurysms”
7. 1996 Pennsylvania Association for Thoracic Surgery
“Third time coronary artery bypass surgery”
8. 1996 Inflammation and Multiple Trauma; Mechanisms and Therapy in Trauma and Burns
“D(-)-Lactate elevation in a rat model of bacterial translocation”
9. 1995 American College of Surgeons; Committee on Trauma
“D(-)-Lactate elevation in a rat model of bacterial translocation”
10. 1995 Delaware Valley Vascular Society
“Hypocoagulability immediately after cell saver autotransfusion”
11. 1995 Pennsylvania Association for Thoracic Surgery
“General surgical complications associated with cardiopulmonary bypass”
12. 1995 American Pediatric Surgical Association
“D(-)-Lactate elevations in neonates with necrotizing enterocolitis-a prospective study”
13. 1995 Society of University Surgeons

- “Serum D(-)-Lactate in a rat model of reversible intestinal ischemia”
14. 1995 Society of University Surgeons
“D(-)-Lactate elevations in neonates with necrotizing enterocolitis-a prospective study”
 15. 1994 American Association for the Surgery of Trauma
“Hypocoagulability immediately after cell saver autotransfusion”
 16. 1994 Society of University Surgeons
“Serum D(-)-Lactate levels as an aid in the diagnosis of acute intestinal ischemia”
 17. 1993 Society for Surgery of the Alimentary Tract
“Serum D(-)-Lactate levels as an aid in the diagnosis of acute intestinal ischemia”

Regional Presentations:

1. 1999 Louisiana Chapter of the American College of Surgeons
“*Vibrio Vulnificus* Infections”
2. 1998 New Orleans Surgical Society
“The use of oral heparin in the prevention and treatment of deep venous thrombosis”
3. 1997 Allegheny University Research Conference
“Serum D(-)-Lactate in a rat model of reversible intestinal ischemia”
4. 1996 Allegheny-Singer Research Institute Resident Research Symposium
“D(-)-Lactate elevation in a rat model of bacterial translocation”
5. 1996 Allegheny-Singer Research Institute Resident Research Symposium
“D(-)-Lactate elevations in neonates with necrotizing enterocolitis-a prospective study”
6. 1995 Allegheny-Singer Research Institute Resident Research Symposium
“Serum D(-)-Lactate in a rat model of reversible intestinal ischemia”
7. 1995 American College of Surgeons, Southwestern Pennsylvania Chapter
“D(-)-Lactate elevations in neonates with necrotizing enterocolitis-a prospective study”
8. 1994 Allegheny-Singer Research Institute Resident Research Symposium
“Hypocoagulability immediately after cell saver autotransfusion”

9. 1994 Allegheny-Singer Research Institute Resident Research Symposium
“Serum D(-)-Lactate levels as an aid in the diagnosis of acute intestinal ischemia”
10. 1994 Surgical Grand Rounds
“Acute mesenteric ischemia-a basic science perspective”
11. 1993 American College of Surgeons, Southwestern Pennsylvania Chapter
“Serum D(-)-Lactate levels as an aid in the diagnosis of acute intestinal ischemia”
12. 1993 Pittsburgh Vascular Society
“Vascular injuries associated with closed mid-shaft femur fractures”
13. Medical Grand Rounds
 - a. Nov 2000 Maryland Association of Physician Assistants
 - b. Dec 2000 Fourth Annual Wound Care Conference Curative Technologies
 - c. January 2002 GBMC Endovascular aneurysm repair
 - d. April 2002 Harford Memorial Hospital Peripheral arterial disease
 - e. January 2003 UCMC New advances in aneurysm repair
 - f. May 2003 Sinai Hospital Management of peripheral vascular disease
 - g. June 2003 SJMC Anesthesia Grand Rounds
Minimally invasive AAA repair
 - h. October 2003 SJMC Management of deep vein thrombosis
 - i. November 2003 Sinai Hospital Noninvasive management of PVD
 - j. February 2004 Harford Memorial Hospital Management of deep vein thrombosis
 - k. March 2004 Sinai Hospital Innovations in ruptured abdominal aneurysm repair
 - l. June 2004 Sinai Hospital Obstetrics Gynecology Grand Rounds New management of venous disease

- m. June 2005 SJMC Surgical Services Grand Rounds Aneurysm repair
14. Surgical Grand Rounds
- a. May 2001 Allegheny General Hospital
Abdominal Aneurysm repair
 - b. June 2001 SJMC Endovascular aneurysm repair
 - c. September 2001 SJMC Splenic artery aneurysm repair
 - d. May 2002 GBMC Upper Extremity Artery Aneurysm Repair
 - e. September 2002 SJMC Chronic mesenteric ischemia management
 - f. October 2002 SJMC Chronic venous insufficiency management
 - g. May 2003 SJMC New treatments for venous disease
 - h. June 2003 Sinai Hospital Endovascular repair of aortic disease
 - i. September 2003 SJMC Shaggy Aorta Management
 - j. March 2004 SJMC New management of venous disease
 - k. September 2004 SJMC Carotid artery angioplasty and stent
 - l. November 2004 SJMC Deep vein thrombolysis of lower extremities
 - m. March 2005 SJMC Interesting vascular cases
 - n. September 2005 SJMC Thoracic aneurysm repair

Publications:

1. Gonze MD, Salartash K, Sternbergh WC, Baughman RA, Leone-Bay A, Money SR. "Orally administered unfractionated heparin with carrier agent is therapeutic for deep venous thrombosis." *Circulation* 2000 June 6;101(22): 2658-61.
2. Salartash K, Gonze MD, Lepore M, Leone-Bay A, Baughman R, Sternbergh WC, Bowen JC, Money SR "Treatment of experimentally induced caval thrombosis with oral low molecular weight heparin and delivery agent in a porcine model of deep venous thrombosis" *Ann Surg* 2000 Jun;231(6):789-94.

3. Gonze MD, Sternbergh WC, et al. "Complications associated with percutaneous closure devices." *Am J Surg* 1999 Sep; 178(3): 209-11.
4. Gonze MD, Sternbergh WC, et al. "Image enhancing catheter guidance system assists in thrombin injection for the treatment of pseudoaneurysms" *Am J Surg*
5. *Salartash K, Gonze MD, Leone-Bay A, et al.* "Oral low molecular weight heparin and delivery agent prevents jugular venous thrombosis in the rat. *J Vasc Surg*, 1999, Sep;30(3):526-31.
6. *Sternbergh WC 3rd, Garrard CL, Gonze MD et al.* "Carotid endarterectomy in patients with significant renal dysfunction. *J Vasc Surg*. 1999 Apr;29(4): 672-7.
7. Gonze MD, McPherson K et al. "Perioperative charge comparison between open and endovascular repair of abdominal aortic aneurysm" *Ann Vasc Surg*.
8. Gonze MD, Manord J et al. "Orally administered heparin with sodium N-(8-(2-hydroxybenzoyl)amino) caprylate for preventing deep venous thrombosis in a rat model" *Am J Surg*. 1998; 176:176-178.
9. Gonze MD, Sternbergh CW Abdominal aortic aneurysms. *Surgical Clinics of North America*. October 1998.
10. Murray MJ, Gonze MD, Cobb CF. "Serum D(-)-Lactate as an aid in the diagnosis of acute intestinal ischemia" *Am J Surg* June 1994, 167:575-7.
11. Kluger YM, Gonze MD. "Vascular injuries associated with closed mid-shaft femur fractures" *J Trauma*. 1994 Feb; 36(2); 222-5.
12. Murray MJ, Gonze MD Early diagnosis of acute intestinal ischemia. 1994 ASRI publication.
13. Kluger YM, Gonze MD. "Vascular injuries associated with closed mid-shaft femur fractures" *Info-Med Orthopedics* Vol 2, 1995.

Research Projects:

Principial Investigator

ISIS Iliac Stent Trial (St Joseph Medical Center)

Medtronic/AVE Corporation

Principal Investigator

PIVOTAL Small Aneurysm Trial (St Joseph Medical Center)

Medtronic/AVE Corporation

Sub-Investigator

PROPATEN Leg Bypass Trial (St Joseph Medical Center)
WL Gore and Associates
Sub-Investigator
Angioguard Cerebral Protection Device (St Joseph Medical Center)
Johnson and Johnson Company

Patent:

Intestinal ischemia assay
Serial Number 08/260,172

Extracurricular Activities:

Black Belt-Tae Kwon Do
Marathon Running
Century Bicycle Marathon
Ironman Triathlon
LTRC Baseball Coach

Military Experience:

1982-1986: Cadet Lieutenant Colonel
Air Force Reserve Officer Training Corps
1992-present: Major
United States Army Reserve

Professional Organizations:

American College of Surgeons
Maryland Chapter: American College of Surgeons
Peripheral Vascular Surgery Society
Gulf Coast Vascular Society