

**CURRICULUM VITAE**

**Donald Louis Jacobs, M.D.**

**A.**

**B. Education:**

Undergraduate degree:

**Bachelor of Science Degree**

University of Nebraska, 1980

Lincoln, Nebraska

Major - Life Sciences; Minors - Chemistry, Physics, Math, History

Graduate degrees:

**Master of Science Degree - Biochemistry**

University of Nebraska College of Medicine, 1983

**Doctor of Medicine Degree**

University of Nebraska College of Medicine, 1986

Postgraduate training:

**General Surgery Residency**

University of Nebraska Medical Center

Resident, 1986-1992

Research fellow, 1988-1989

**Vascular Surgery Residency**

Medical College of Wisconsin

Research fellow, 1992-1993

Clinical fellow, 1993-1994

**C. Board certification and Licensure:**

**March 1993**

American Board of Surgery Certification in General Surgery

**Recertification: September, 2002**

**May 1995** American Board of Surgery Certification Added Qualifications in  
General Vascular Surgery  
**Recertification: October, 2003**

**December 1995** American Registry of Certified Medical Sonographers,  
Certification in Vascular Technology

Medical licensures:

**1988** Nebraska

**1990** Arizona

**1992** Wisconsin

**1994** Missouri

**D. Current position and address:**

**C. Rollins Hanlon Professor and Chair of Surgery**  
Department of Surgery  
Program Director, Vascular Surgery Training Program  
Division of Vascular Surgery  
Saint Louis University School of Medicine  
3635 Vista Ave. at Grand Blvd.  
P.O. Box 15250  
St. Louis, MO 63110-0250

**E. Previous Professional Experience:**

**Chief of Vascular Surgery Division**  
John Cochran Veteran's Administration Medical Center  
915 N Grand Ave.  
St Louis, MO 63106

**F. Active Clinical Staff appointments:**

- 1994-** Saint Louis University Hospitals
- 1994-** John Cochran Veterans Administration Medical Center, Saint Louis, MO
- 1997-** Marion Veterans Administration Medical Center, Marion, IL
- 2004-** Saint Anthony's Medical Center, Saint Louis, MO

**G. Professional Society Memberships:**

- 1982** Sigma XI Research Society
- 1994** St. Louis Surgical Society
- 1994** St. Louis Vascular Surgery Society
- 1994** Missouri State Medical Association
- 1996** Missouri Chapter American College of Surgeons
- 1996** Association for Surgical Education
- 1997** Midwest Vascular Surgery Society
- 1997** Fellow, American College of Surgeons
- 1998** Association of Veterans Administration Surgeons
- 2001** American Association of Vascular Surgery
- 2003** Society of Vascular Surgery

**H. Honorary Societies, Honors and Awards:**

University of Nebraska Medical Center Medical Student Research Competition, 1<sup>st</sup> Place, 1985.

Annual Nebraska Medical Foundation Research Award, 1985

Missouri State Representative to American College of Surgeons Conference of Young Surgeons, 1998

Distinguished Fellow, Society of Vascular Surgery, 2010

“Best Doctors” in St Louis selection, annual listing, 2005 though 2012

**I. Professional Services:**

**1. Committee Memberships**

**Hospital Committees:**

- 1988-1989** Quality Assurance Committee, University of Nebraska Medical Center
- 1989-1992** Research and Development Committee, University of Nebraska Medical Center
- 1994-1995** Prevention of Amputation and Conservation of Tissue Committee, John Cochran VAMC
- 1/1995-12/1998** Clinical Ethics Committee, John Cochran VAMC
- 7/1995-1/2000** Environmental Safety Committee, Saint Louis University Health Sciences Center
- 7/1997-3/2001** Invasive Care Committee, Saint Louis University Health Sciences Center
- 3/1999-3/2001** Chairman, Invasive Care Committee, Saint Louis University Health Sciences Center
- 6/2001-2/2010** Chairman, Credentials Committee, Saint Louis University Hospital
- 6/2001-2/2010** Chairman, Peer Review Committee, Saint Louis University Hospital
- 2/2010-8/2012** **President**, Medical Staff, Saint Louis University Hospital

**Regional/National Committees:**

- 11/1996-6/1999** Board of Councilors, Missouri Chapter, American College of Surgeons
- 4/1998-6/2002** Member, American College of Surgeons Local Membership Committee, Eastern Missouri Region
- 5/1999-3/2001** Program Committee, Association of Veterans Administration Surgeons
- 6/1999-6/2000** Secretary-Treasurer, Missouri Chapter, American College of Surgeons

- 6/2000-6/2001** Vice-president, Missouri Chapter, American College of Surgeons
- 6/2001-6/2002** **President**, Missouri Chapter, American College of Surgeons
- 6/2002-present** Chairman, American College of Surgeons Local Membership Committee, Eastern Missouri Region
- 2/2004-2/2006** **President** – Saint Louis Vascular Society
- 6/2007-6/2009** Member, Society of Vascular Surgery, Maintenance of Certification Committee
- 9/2007-9/2009** Member, Society of Vascular Surgery, Training Programs in Peripheral Interventions Committee
- 9/2007-9/2009** Member, Stereotaxis Inc. Scientific Advisory Board
- 3/2006-7/2009** Councilor, Saint Louis Surgical Society
- 7/2009-2/2010** Vice-President, Saint Louis Surgical Society
- 2/2010-2/1011** President Elect, Saint Louis Surgical Society
- 2/2011-4/2012** **President**, Saint Louis Surgical Society
- 4/2007-4/2009** Program Co-Chairman, Midwest Vascular Surgical Society, New Horizons in Vascular Surgery Annual Forum
- 9/2009-9/2012** Treasurer, Midwest Vascular Surgical Society
- 9/2012-9/2013** President-elect, Midwest Vascular Surgery Society
- 3/2012-present** Member, Boston Scientific Inc. Medical Advisory Board
- 9/2013-present** **President**, Midwest Vascular Surgical Society

**Research Committees:**

- 1/2008-9/2009** Member, Diagnostic and Safety Monitoring Board, SALVAGE Trial. Laser atherectomy and stent graft treatment of in-stent stenosis in the SFA. Prairie Research/Spectranetics/Gore
- 9/2009- 12/2010** Chairman, Clinical Events Committee, DEFINITIVE CA+ Study.

TurboHawk atherectomy with embolic protection in femoral-popliteal disease. Simbios/EV3.

**12/2009-present** Member, Clinical Events Committee, THRIVE Study.  
Outcomes of Talent thoracic aortic stent graft. Medtronic.

**12/2009-present** Member, Clinical Events Committee, VITALITY Study.  
Outcomes of Talent abdominal aortic stent graft. Medtronic.

**1/2010- 6/2012** Chair, Clinical Events Committee, DEFINITIVE LE Study.  
Atherectomy vs bypass for infrainguinal revascularization. EV3.

**8/2011-present** Chair, Diagnostic and Safety Monitoring Board, DEFINITIVE AR  
study. Atherectomy with drug coated balloon angioplasty vs drug coated  
balloon angioplasty for infrainguinal revascularization. EV3.

**12/2012-present** Member, Clinical Events Committee, ARTISAN study. Covered  
stents for use in renal artery occlusive disease. Prairie Cardiovascular  
Research.

**2/2013 – present** Chair CEC, RAPID Study. Radiofrequency balloon therapy for  
renal denervation in resistant hypertension. Covidien.

**Post-graduate and industry sponsored training programs:**

**3/2002-12/2009** Director – Cordis Endovascular Training Course, Saint Louis  
University Hospital

**4/2002-12/2006** Proctor – Medtronic-AVE stent graft training program.

**5/2004-10/2006** Director – Medtronic Carotid Angiography Training Course, Saint  
Louis University Hospital

**5/2004-10/2010** Director – ev3 Endovascular Training Course, Saint Louis  
University Hospital

**7/2004-05/2007** Director – Regional Training Center. CASES, Cordis carotid stent  
training program, Saint Louis University Hospital.

**7/2005-1/2008** Proctor – Guidant/Abbott carotid stent training program.

**8/2005-4/2011** Proctor – Cordis carotid stent training program.

**4/2007-4/2008** Director – Spectranetics laser atherectomy training program, Saint Louis University Hospital.

**9/2009-2/2010** Director – Abbott Endovascular Training Course. Saint Louis University Hospital.

## **2. Editorial and Journal Review Boards**

Reviewer, Journal of Vascular Surgery. 2004 to present.

Reviewer, Journal of Vascular and Endovascular Therapy. 2007 to present.

Reviewer, Perspectives in Vascular and Endovascular Surgery. 2005 to present.

Guest Editor, Perspectives in Vascular and Endovascular Surgery, March 2009

Book Editor: Longo WE, Peterson GJ, Jacobs DL. Intestinal Ischemia Disorders. Quality Medical Publications, St. Louis, Missouri. 1998.

## **J. Research Support:**

Principal investigator. Effects of Enteral Versus Parenteral Nutrition on Reticuloendothelial Function. University of Nebraska Seed Research Grant Award. 1985.

Co-investigator. Traumenox Study. Prospective randomized trial of DVT prophylaxis. Aventis Pharmaceuticals, 2000.

Principal investigator. Performance evaluation of changes to the ANCURE ENDOGRAFT System and instructions for use. Guidant, Endovascular Solutions. 2001.

Principal investigator. CrossPoint Transcatheter Access Registry. Evaluation of true lumen re-entry device in total chronic atherosclerotic occlusions. Transvascular (Medtronic). 2003.

Co-investigator. PREVENT V trial. Prospective randomized trial of E2F Decoy in the treatment of neointimal hyperplasia in AV grafts. Corgentech. 2004

Principal investigator. Carotid Revascularization with ev3 Arterial Technology Evolution (CREATE) Pivotal Trial. Carotid stent registry trial using the Spider embolic protection device and the Protégé nitinol stent. EV3. 2004.

Principal investigator. CASES post-market approval study. Carotid stent registry trial using the Angioguard distal protection device and the Precise carotid stent. Cordis. 2005.

Principal investigator. Clinical Outcomes in Renal Atherosclerotic Lesions (CORAL) Trial. Randomized prospective trial of stenting versus best medical management of renal artery atherosclerotic stenosis. National Institutes of Health. 2005.

Principal investigator. Stenting and angioplasty in high risk carotid endarterectomy patients, (SAPPHIRE WWW). Carotid stent registry. Cordis. 2007.

Principal investigator, PRICELESS trial, Endosure AAA pressure sensor trial, Cardiomems, 2008.

Principal investigator, EXCITE trial, Laser atherectomy vs angioplasty for in-stent stenosis in femoral popliteal arteries. Spectranetics, 2011.

**K. Bibliography:**

**I. Papers published, in press, or accepted for publication in peer reviewed journals**

1. Jacobs DL, Hofert JF: An inhibitory effect of sulfhydryl compounds in the assay of rat and mouse thymic terminal deoxynucleotidyl transferase (TdT). Res Comm Chem Path and Pharm 42:3, 517-20, 1983.
2. Jacobs DL, Rikkers LF, Forst CF, Sorrell WT, Petersen SR: Effects of enteral vs. parenteral nutrition on reticuloendothelial function. J Surg Res 42:661-4, 1987.
3. Thompson JS, Vaughn WP, Forst CF, Jacobs DL, Weekly JS, Rikkers LF: The effect of the route of nutrient delivery on gut structure and diamine oxidase levels. JPEN 11:28-32, 1987.
4. Jacobs DL, Rikkers LF: Indications and results of shunt operations in the treatment of patients with recurrent variceal hemorrhage. Hepatogastroenterology 37:571-4, 1990.

5. Jacobs DL, Spanta D, Lof J, Quigley EMM, Rikkers LF: The effect of isolated mesenteric venous hypertension on gut motility and absorption. *J Surg Res* 48:562-7, 1990.
6. Arouni MA, Lof J, Jacobs DL, Rikkers LF, Quigley EMM: Studies of small intestinal myoelectrical and motor activity in the unrestrained conscious rat; evidence for regional variations in motor patterns. *G Gastrointest Motility* 3:12-8, 1991.
7. Jacobs DL, Anderson JC, Cormier RA, Rikkers LF: Post-prandial portal vein flow in portal hypertension and after distal splenorenal shunt. *Dig Surg* 9:2-5, 1992.
8. Jacobs DL, Quigley EMM, Rikkers LF: Gastric compliance and motility in the portal hypertensive rat. *J Investigative Surgery* 5:109- 14, 1992.
9. Jacobs DL, Seabrook GR, Freischlag JA, Towne JB: The current role of profundaplasty in complex arterial reconstructions. *Vasc Surg* 29(6):457, 1995.
10. Jacobs DL, Freischlag JA, Seabrook GR, Towne JB. Acute aortic dissection into a pre-existing abdominal aortic aneurysm. *Ann Vasc Surg* 8(5):491-495, 1994.
11. Longo WE, Vernava AM, Jacobs DL, Peterson GJ, Wade TP, Virgo KS, Johnson FE: Ischemic colitis following abdominal aortic aneurysm surgery. *J Surg Res* 60:351-354, 1996.
12. Mistry BM, Durham RM, Mazuski JE, Shapiro MJ, Jacobs DL: Outcome and utility of scoring systems in the management of the mangled extremity syndrome. *Am J Surg* 172:569-574, 1996.
13. Jacobs DL, Longo WE, Peterson GJ, McKirgan LW, Virgo KS, Johnson FE: Outcome of abdominal aortic aneurysm repair in patients with previous spinal cord injury in the Department of Veterans Affairs hospitals. *Cardiovasc Surg* 5:286-290, 1997.
14. Gupta N, Jacobs DL, Miller TA, Smith GS, Dahms TE: Hypoxia-reoxygenation potentiates zymosan-activated plasma-induced endothelial injury. *J Surg Res* 76:1-8, 1998.
15. Scharff JR, Longo WE, Vartanian SM, Jacobs DL, Bahadursingh AN, Kaminski DL: Ischemic colitis: Spectrum of disease and outcome. *J Surgery* 134:624-630, 2003.
16. Bailey JA, Jacobs DL, Bahadursingh A, Longo WE: Endovascular Treatment of Segmental Ischemic Colitis. *Digestive Diseases and Sciences*. 50:774-779, 2005.

17. Cox DE, Jacobs DL, Motaganahalli RL, Wittgen CM, Peterson GJ. Outcomes of endovascular AAA repair in patients with hostile neck anatomy using adjunctive balloon expandable stents. *Journal of Vasc and Endovasc Surg* 40:35-40, 2006.
18. Jacobs DL, Cox DE, Motaganahalli RL. Crossing Chronic Total Occlusions of the Iliac and Femoral-Popliteal Vessels and the Use of True Lumen Reentry Devices. *Perspectives in Vasc Surg and Endovasc Therapy* 18:31-38, 2006.
19. Jacobs DL, Motaganahalli RL, Cox DE, Wittgen CM, Peterson GJ. True lumen re-entry devices facilitate subintimal angioplasty and stenting of total chronic occlusions: Initial report. *J Vasc Surgery* 43:1291-1296, 2006.
20. Jacobs DL. Invited review: Endovascular Interventions: Current Controversies, Wyatt and Watkins, Editors, 2004. *Annals of Vasc Surgery*, 20:847-848, 2006.
21. Jacobs DL, Motaganahalli RL, Peterson BJ. Bedside vena cava filter placement with intravascular ultrasound: a simple, accurate, single venous access method. *J Vasc Surgery*, 46:1284-1286, 2007.
22. Jacobs DL. Commentary: Endovascular abdominal aortic aneurysm repair versus open repair: Why and why not? *Perspectives Vasc Surg and Endovasc Therapy*, 21: 54-55, 2009.
23. Smeds MR, Jacobs DL. Treatment of chronic venous stent occlusion with the Wildcat catheter. *Vascular and Endovascular Surgery*. 2011; 45(5):453-456.
24. Smeds MR, Ofstein R, Peterson GJ, Peterson BG, Jacobs DL. Endovascular repair of a para-anastomotic pseudoaneurysm following renal transplantation: An alternative to open reconstruction. [Journal Article] *Annals of Vascular Surgery* 2013. 27(1):110.e5-110.e8.
25. Smeds MR, Jacobs DL, Peterson GJ, Peterson BG. Short-term outcomes of the C3 Excluder for patients with abdominal aortic aneurysms and unfavorable proximal aortic seal zones. [Journal Article] *Annals of Vascular Surgery* 2013. 27(1):8-15.
26. Smeds MR, Jacobs DL. Symptomatic carotid stenosis in the setting of bilateral disease and coexisting carotid body tumor – Management with a carotid stent and staged excision. [Journal Article] 2012;Accepted, *Vascular*.

## II. Book Chapters:

1. Jacobs DL, Towne JB: Hemostasis and coagulation. In: *Vascular Surgery: Basic Science and Clinical Correlations*, White RA, Hollier LH, eds., J.B. Lippincott, Inc., 1994.

2. Jacobs DL, Towne JB: Profundaplasty. In: Current Therapy in Vascular Surgery, 3rd edition. Ernst CB, Stanley JC editors, BC Decker Inc., Philadelphia, PA, 1995.
3. Jacobs DL, Towne JB: Femoral-popliteal bypass. In: Lower Extremity Vascular Disease, K Ouriel, editor, W.B. Saunders, Philadelphia, PA, 1996.
4. Jacobs DL, Jung MT: Unusual causes of mesenteric ischemia, In: Intestinal Ischemic Disorders. Longo WL, Peterson GJ, Jacobs DL, editors. Quality Medical Publications, St. Louis, MO, 1999.
5. Jacobs DL: Results with CTO Devices, In: Critical Limb Ischemia – A Multidisciplinary Practical Guide. Bosiers M, Schneider P, editors. Springer, New York, NY, 2008.

### III. Published Abstracts

1. Arouni MA, Jacobs DL, Lof J, Quigley EMM: Small intestinal motor activity in the conscious rat. *Clin Res* 37:897A, 1989.
2. Arouni MA, Jacobs DL, Lof J, Ridders LF, Quigley EMM: Studies of small intestinal motor activity in the unrestrained conscious rat; evidence for regional variations in motor patterns. *Gastroenterology* 98:A323, 1990.
3. Schaffer C, Johnson TJ, Jacobs DL, Ridders LF, Quigley EMM: Effect of portal vein stenosis and SMV ligation on mesenteric venous pressure and portasystemic shunting. *Clin Res* 38:907A, 1990.
4. Quigley EMM, Lof J, Johnson RJ, Jacobs DL, Mandel KG: Modification by Mebeverine of volatile fatty acid-induced terminal ileal motor patterns. *Gastroenterology* 96:1227, 1990.
5. Quigley EMM, Lof J, Johnson TJ, Jacobs DL, Mandel KG: Effects of Mebeverine on canine ileal motor activity. *Gastroenterology*, 96:1227, 1990.
6. Jacobs D, Longo WE, McKirgan L, Virgo KS, Johnson FE, Peterson GJ: Aortic aneurysm repair in patients with previous spinal cord injury. *J Spinal Cord Medicine* 19:277.

### L. Current and past teaching responsibilities:

**7/96-3/00** Director, medical student education and medical student clerkship, Department of Surgery, Saint Louis University School of Medicine

**7/94-present** Clinical teaching of medical students, residents, and vascular fellows, on general and vascular surgery services at Saint Louis University Hospital and John Cochran VAMC

**1/01-present** Program Director, Vascular Training Program, Saint Louis University Health Sciences Center.

**M. Thesis, dissertation, post-doctoral supervision:**

N/A

**N. Supplemental Material:**

**Presentations/Invited Lectures**

1. Jacobs DL, Ridders LF, Forst CF, Sorrell WT, Peterson SR: Effects of enteral vs. parenteral nutrition on reticuloendothelial function. Association for Academic Surgery, Washington, D.C., November, 1987.
2. Jacobs DL, Anderson JC, Cormier RA, Ridders LF: Post-prandial portal vein flow in portal hypertension and after distal splenorenal shunt. The 33rd World Congress of Surgery of the International Surgical Society, Toronto, Ontario, September, 1989.
3. Jacobs DL, Spanta AD, Lof J, Quigley EMM, Ridders LF: The effect of isolated mesenteric venous hypertension on gut motility and absorption. Association for Academic Surgery, Louisville, KY, November 18, 1989.
4. Arouni MA, Jacobs DL, Lof J, Quigley EMM: Small intestinal motor activity in the conscious rat. Mid-West Section, American Federation for Clinical Research, Chicago, IL, November 8, 1989.
5. Johnson TJ, Schaffer C, Jacobs DL, Adrian TE, Quigley EMM, Ridders LF: Portal hypertension; effects of portal vein stenosis and superior mesenteric vein ligation. Resident's program the Society of University Surgeons, Los Angeles, CA, February 10, 1990.
6. Quigley EMM, Jacobs DL, Ridders LF: Accelerated gastric emptying in portal hypertension - roles of compliance and gastric motility. International Symposium on Pharmacotherapy of Gastrointestinal Motor Disorders. Adelaide, South Australia, September 2-4, 1990.
7. Quigley EMM, Lof J, Johnson TJ, Jacobs DL, Mandel KG: Modification by Mebeverine of volatile fatty acid-induced terminal ileal motor patterns. Sixth Biennial Symposium, American Motility Society, Newport, Rhode Island, October 15, 1990.

8. Quigley EMM, Lof J, Johnson TL, Jacobs DL, Mandel KG: Effects of Mebeverine on canine ileal motor activity. Sixth Biennial Symposium, American Motility Society, Newport, Rhode Island, October 15, 1990.
9. Quigley EMM, Rikkers LF, Reilly JA Jr., Jacobs DL: Gastric motor function in the portal hypertensive rat. Symposium on Gastric Lesions in Patients with Cirrhosis. Toulouse, France, October 19, 1991.
10. Jacobs DL, Towne JB, Seabrook GR, Freischlag JA: The current role of profundaplasty in complex arterial reconstructions. Midwest Vascular Surgery Society meeting. Chicago, IL, September, 1993.
11. Jacobs DL, Freischlag JA, Seabrook GR, Towne JB: Acute aortic dissection into a pre-existing abdominal aortic aneurysm. Peripheral Vascular Surgery Society, Winter Meeting. February, 1994, Breckenridge, CO.
12. Jacobs DL: Evaluation of patients with peripheral vascular disease. St. Louis Regional Physicians Assistant Continuing Education Conference. St. Louis, MO, March 25, 1995.
13. Jacobs DL: Update in Lower Extremity Peripheral Vascular Disease. St. Elizabeth's Hospital, Belleville, IL. April 25, 1995.
14. Jacobs DL, Albert SG: Footcare in diabetes: A multidisciplinary prospective. Saint Louis University Health Sciences Center, Department of Internal Medicine, Division of Endocrinology, presented at Update in Diabetes and Endocrinology, St. Louis, MO, September 15, 1995.
15. Jacobs DL: Vascular Emergencies. Emergency Medical Care, Inc., Annual Physician Director Meeting, St. Louis, MO, September 8, 1995.
16. Durham RM, Mistry BM, Mazuski JE, Shapiro M, Jacobs DL: Outcome and utility of scoring systems in the management of the mangled extremity. 49<sup>th</sup> Annual Meeting, Southwestern Surgical Congress, Scottsdale, AZ, April 28-May 1, 1996.
17. Jacobs DL: 1) Lower extremity revascularization: Alternative imaging modalities. 2) Preoperative cardiac evaluation: American College of Cardiology recommendations. 29<sup>th</sup> Annual Meeting of the Missouri Chapter, American College of Surgeons, Lake of the Ozarks, MO, June 14-16, 1996.
18. Jacobs DL, Longo WE, McKirgan L, Johnson FE, Virgo KS, Peterson GJ: Aortic aneurysm repair in patients with previous spinal cord injury. American Paraplegia Society 42<sup>nd</sup> Annual Meeting, Las Vegas, NV, September 3-5, 1996.
19. Gupta N, Jacobs DL, Miller TA, Dahms TE: Hypoxia-reoxygenation potentiates Zymosan-activated plasma-induced injury to endothelial cells. Association for Academic Surgery, 31<sup>st</sup> Annual Meeting, Dallas, TX, November 6-8, 1997.

20. Jacobs DL, Update in Vascular Surgery, Grand Rounds, St. Anthony's Medical Center, St. Louis, MO
21. Jacobs DL Moderator, Surgical Session, New Modalities in Imaging, Missouri State Medical Society Annual Meeting, April 18, 1998.
22. American Academy of Orthopaedic Surgeons, Practical Anatomy and Surgical Technique Workshop, "Minimally Invasive Spine Surgery: Evolution of Surgical Techniques", St. Louis, MO, July 24-26, 1998.
23. American Academy of Orthopaedic Surgeons, Practical Anatomy and Surgical Technique Workshop, "Minimally Invasive Spine Surgery: The General/Vascular Surgeons Perspective," St. Louis, MO, April 9-11, 1999.
24. Jacobs DL, Laureano B, Wittgen C, Peterson GJ: Endoluminal iliac endarterectomy: A safe and viable alternative to aortofemoral bypass. Association of Veterans Administration Surgeons, 23<sup>rd</sup> Annual Surgical Symposium, St. Louis, MO, May 1-4, 1999.
25. Jacobs DL: Anterior approaches to the lumbar spine. Current Concepts on Interbody fusion: A symposium and workshop for biologic implants. Practical Anatomy Workshop, Saint Louis University, May 8, 1999.
26. Jacobs DL, Laureano B, Wittgen C, Peterson GJ: Endoluminal iliac endarterectomy: A safe and viable alternative to aortofemoral bypass. 32<sup>nd</sup> Annual Meeting of the Missouri Chapter of the American College of Surgeons, Lake of the Ozarks, MO, June 19-21, 1999
27. Jacobs DL, VanLe JL, Wittgen C, Peterson, GJ: Treatment of Ruptured Descending Thoracic Aorta with Endovascular Stent Graft. 33<sup>rd</sup> Annual Meeting of the Missouri Chapter of the American College of Surgeons, Lake of the Ozarks, MO, June 16-18, 2000.
28. Jacobs DL: Endovascular Repair of AAA, the Saint Louis University experience. Partner's Preceptorship Program. Ritz Carlton Hotel, Saint Louis, MO. August 7, 2000.
29. Jacobs DL: Endovascular therapy in peripheral vascular disease. South Pointe Hospital Grand Rounds. Saint Louis, MO. November 15, 2000.
30. Jacobs DL: Aortic stent graft repair of abdominal aortic aneurysms: The Saint Louis University Hospital experience. Tenet Academic Medical Center Leadership Conference. Telluride, CO. July 29, 2001.
31. Jacobs DL: Endograft repair of abdominal aortic aneurysms: Evolution to the standard of care. Partner's Preceptorship Program. Ritz Carlton Hotel, Saint Louis, MO. October 9, 2001.

32. Jacobs DL: Endograft repair of abdominal aortic aneurysms: Evolution to the standard of care. New Advances in Endovascular Therapeutics. Saint Louis University CME program. Ritz Carlton Hotel, Saint Louis, MO. October 6, 2001.
33. Jacobs DL: Endograft repair of abdominal artie aneurysms: Two years experience post- FDA approval. Partner's Preceptorship Program. Hyatt Regency-Union Station, Saint Louis, MO. November 6, 2001.
34. Jacobs DL: Diagnosis and treatment of peripheral arterial disease. Arab American Medical Society – Saint Louis Chapter Meeting. Saint Louis, MO. November 15, 2001
35. Jacobs DL, Wittgen CM, Peterson GJ: Endografts for AAA repair: Two years experience post-FDA approval. Saint Louis University Surgery Grand Rounds. Saint Louis, MO April 3, 2002.
36. Jacobs DL, Carlon D, Wittgen CM, Peterson GJ: Carotid stents for high risk carotid stenosis patients. 35<sup>th</sup> Annual Meeting of the Missouri Chapter of the American College of Surgeons. Lake of the Ozarks, MO June 16, 2002.
37. Jacobs DL: Superficial femoral angioplasty/stenting. Midwest Vascular Surgical Society, Endovascular & New Technology Course. Madison, WI September. 12<sup>th</sup>, 2002.
38. Jacobs DL, Wittgen CM, Peterson GJ: Carotid Stents for high risk patients: Initial Experience. 26<sup>th</sup> Annual Meeting, Midwest Vascular Surgical Society. Madison, WI September. 14<sup>th</sup>, 2002.
39. Jacobs DL: Carotid endarterectomy versus stenting. Ninth Midwest Regional Vascular Seminar. Saint Louis, MO September 21, 2002.
40. Jacobs DL: Mesenteric and Renal Interventions. Midwest Vascular Surgical Society, Endovascular and New Technology Course. Chicago, IL. September 18<sup>th</sup>, 2003.
41. Jacobs DL: Surgical exposure for carotid endarterectomy. The 4<sup>th</sup> International Meeting on Cerebral Revascularization. PAWS. Saint Louis University. Saint Louis, MO. Oct 10<sup>th</sup>, 2003.
42. Jacobs DL: Carotid Stent Review: SAPPHIRE one year results. Endovascular Technology Forum. Stanford University Hospital. Palo Alto, CA. November 5<sup>th</sup>, 2003.
43. Jacobs DL: SAPPHIRE Results: Anticipated FDA approval of carotid stents. Update on results at Saint Louis University. Surgery Grand Rounds. Saint Louis University. Saint Louis, MO. January 21<sup>st</sup>, 2004.
44. Jacobs DL: Revascularization in Secondary Stroke Prevention: Role of Surgery and Stenting. Secondary Prevention of Stroke Symposium, Saint Louis University, Souers Stroke Institute. Saint Louis, MO. June 12<sup>th</sup>, 2004.

45. Jacobs DL: 1. Intravascular ultrasound for placement of IVC filters. 2. Carotid stents for high risk patients. Vascular Surgery Conference. Saint Lukes Hospital CME Event. Overland Park, KS. June 23<sup>rd</sup>, 2004.
46. Jacobs DL: Carotid angiography. 3<sup>rd</sup> Annual Endovascular And New Technologies Course. 28<sup>th</sup> Annual Meeting, Midwest Vascular Surgery Society, Omaha, NE. September 9<sup>th</sup>, 2004.
47. Jacobs DL: 1) Peripheral Arterial Disease: Classification and Natural History. 2) Femoral Popliteal Disease. Innovations in Peripheral Interventions. Erlanger Hospital. Chattanooga, TN. September 11<sup>th</sup>, 2004.
48. Jacobs DL: The Role of Endovascular Therapy in the Treatment of Vascular Disease. 79<sup>th</sup> Annual Fall Panel Discussion. Saint Louis Surgical Society. Saint Louis, MO. November 8, 2004.
49. Jacobs DL: Renal Artery Disease. EV3 Annual Sales Staff Educational Conference. Minneapolis, MN. December 13<sup>th</sup>, 2004.
50. Jacobs DL: Innovations in Peripheral Interventions. St Lukes Hospital. Denver, CO. January 18<sup>th</sup>, 2005.
51. Jacobs DL: Carotid shunting techniques. 5<sup>th</sup> Annual International Meeting on Cerebral Revascularization. Saint Louis, MO. January 21, 2005.
52. Jacobs DL: 1) Carotid Stent Update; 2) Asymptomatic Carotid Disease: Role of CEA; 3) Endovascular Treatment of Chronic Total Occlusions; 4) Long-term Complications of AAA Stent Grafts. 33<sup>rd</sup> Annual Phoenix Surgical Symposium. Phoenix, AZ. January 26-29<sup>th</sup>, 2005.
53. Cox DE, Jacobs DL, Motaganahalli RL, Wittgen CM, Peterson GJ. Outcomes of endovascular AAA repair in patients with hostile neck anatomy using adjunctive balloon expandable stents. Society of Clinical Vascular Surgery. Coral Gables, FL. March 9-12<sup>th</sup>, 2005.
54. Jacobs DL, Webb K. Peer Review: Commitment to Quality. Surgical Grand Rounds. Saint Louis University. April 4, 2005.
55. Jacobs DL. 1. Classification and Natural History of PAD, 2. Noninvasive Evaluation of Vascular Disease. Tutorial in Peripheral Vascular Intervention. Erlanger Medical Center. Chattanooga, TN. May 13-14<sup>th</sup>, 2005.
56. Jacobs DL, Motaganahalli RL, Cox DE, Wittgen CM, Peterson GJ. True Lumen Re-entry Devices Facilitate Sub-intimal Angioplasty and Stenting of Total Chronic Occlusions. 59<sup>th</sup> Annual Vascular Meeting, Society of Vascular Surgery. Chicago, IL, June 12, 2005.

57. Jacobs DL. Techniques for Treatment of Chronic Total Occlusions. 29<sup>th</sup> Annual Meeting, Midwest Vascular Surgery Society, Chicago, IL. September 15<sup>th</sup>, 2005.
58. Jacobs DL. Utility of True Lumen Reentry with the Pioneer Catheter. Medtronic Technology Forum. Minneapolis, MN. October 3, 2005.
59. Jacobs DL. Peripheral Vascular Disease. Grand Visions Lecture Series, Saint Louis University, Saint Louis, MO. November 5, 2005.
60. Jacobs DL. Carotid Endarterectomy Techniques. 6<sup>th</sup> Annual International Meeting on Cerebral Revascularization. Saint Louis, MO. January 13, 2006.
61. Jacobs DL. Critical Limb Ischemia. EV3 National Sales Educational Conference. Palm Springs, CA. February 25, 2006.
62. Jacobs DL. Techniques and Outcomes for Critical Limb Ischemia. Colorado Springs Vascular. Colorado Springs, CO. March 3, 2006.
63. Jacobs DL. Carotid Stent Update. Cordis Educational Conference: International Sales. Warren, NJ. April 7, 2006.
64. Jacobs DL. Peripheral Vascular Disease, the Surgeons Perspective. 3<sup>rd</sup> Annual Tutorial in Peripheral Intervention. Erlanger Medical Center, Chattanooga, TN. May 20, 2006.
65. Jacobs DL. Vascular Surgery Update: Current Practice of Carotid Stenting. 39<sup>th</sup> Annual Meeting, Missouri Chapter, American College of Surgeons. Lake of the Ozarks, MO. June 9<sup>th</sup>, 2006.
66. Jacobs DL. Chronic Total Occlusions: Techniques for Crossing and True Lumen Reentry. Cordis Endovascular Educational Seminar, Saint Louis, MO. August 6, 2006.
67. Jacobs DL. Intravascular Ultrasound Guided Caval Filter Placement. 30<sup>th</sup> Annual Meeting, Midwest Vascular Surgery Society, Cleveland, OH. September 7, 2006.
68. Jacobs DL. Stenosis Assessment: Site vs. Core Lab Evaluation. CORAL Investigators Meeting. Nashville, TN. September 15, 2006.
69. Jacobs DL. Crossing Total Occlusions: Maximizing Success. VEITH Symposium. New York, NY. November 16, 2006.
70. Jacobs DL. Infrainguinal Endovascular Therapy – Strategies for Chronic Total Occlusions: Entry and Re-entry Techniques in Femoral-popliteal Occlusions. Post graduate course. 61st Vascular Annual Meeting, Society of Vascular Surgery, Baltimore, MD. June 6, 2007.

71. Jacobs DL. Infringuinal Endovascular Therapy: State of the Art 2007- Making Sense of All the Options. 61st Annual Vascular Meeting, Society of Vascular Surgery, Baltimore, MD. June 8, 2007.
72. Jacobs DL. Carotid Stent Update. Cordis Endovascular Technology Forum. Napa, CA. August 16, 2007.
73. Jacobs DL. Techniques for Complex Lower Extremity Vascular Disease: Laser Atherectomy. 31<sup>st</sup> Annual Meeting, Midwest Vascular Surgery Society, Chicago, IL. September 6, 2007.
74. Jacobs DL. Re-entry Techniques as Adjuncts to Subintimal Angioplasty for the Treatment of Lower Extremity Ischemia. 62<sup>nd</sup> Annual Vascular Meeting, Society of Vascular Surgery, San Diego, CA. June 6, 2008.
75. Motaganahalli RL, Jacobs DL et al. Endovascular Infringuinal Interventions with Embolic Protection Device: Who Requires It? Midwest Vascular Surgery Society 32<sup>nd</sup> Annual Meeting, Madison, WI. September 12, 2008.
76. Jacobs DL. Renal artery stenosis: Diagnosis, Evaluation and Treatment. VIVA-China 2008 Conference. Beijing, China. October 30, 2008.
77. Jacobs DL. Approach to Chronic Total Occlusions: Access site, wire, catheter and device selection. VIVA-China 2008 Conference. Beijing, China. October 31, 2008.
78. Jacobs DL. Indications for Interventions: What has changed. VIVA-India 2008 Conference. New Delhi, India. November 2, 2008.
79. Jacobs DL. Aortoiliac Occlusive Disease Interventions. VIVA-India 2008 Conference. New Delhi, India. November 3, 2008.
80. Jacobs DL. Carotid artery stenting: Indications, techniques and technology. VIVA-India 2008 Conference. New Delhi, India. November 3, 2008.
81. Jacobs DL. Endovascular complication management. VIVA-India 2008 Conference. New Delhi, India. November 4, 2008.
82. Jacobs DL. Chronic total occlusions. Vascular Society of India 15<sup>th</sup> Annual Conference. Government Medical College, Chandigarh, India. November 6, 2008.
83. Jacobs DL. Workshops in Complex Peripheral Interventions: Shanghai Peoples 9<sup>th</sup> Hospital Shanghai; Jiaotong Medical University-Renji Hospital, Shanghai; Fujian Medical University Hospital, Fuzhou, China. April 27-29, 2009.
84. Jacobs DL. Chronic total occlusions. Shanghai Zhongshan Hospital, Shanghai, China. April 30, 2009.

85. Jacobs DL. Atherectomy. Midwest Vascular Society, New Horizons in Vascular Surgery. Chicago, IL. September 9<sup>th</sup>, 2009.
86. Jacobs DL, Metzger, C. Advanced Carotid Stenting Course. Orlando, FL. October, 9<sup>th</sup> 2009.
87. Jacobs DL. Tibio-Peroneal Bypass and Intervention : A Historic Perspective. Save A Leg Save A Life Foundation National Conference. Orlando, FL. October 10<sup>th</sup>, 2009.
88. Jacobs DL. Extreme Crossing; 0.014; 0.018; 0.035; How Frequent Do We Really Need the New Crossing Tools? Save A Leg Save A Life Foundation National Conference. Orlando, FL. October 10<sup>th</sup>, 2009.
89. Jacobs DL. Atherectomy in Lower Extremity Occlusive Disease. Vascular Society of India Conference 16<sup>th</sup> Annual Conference. Hyderabad, India. November 1<sup>st</sup>, 2009
90. Jacobs DL. Workshops in Complex Peripheral Interventions: Jain Institute of Vascular Sciences Hospital, Bangalore; St. Johns Hospital, Bangalore; Sir Ganga Ram Hospital, New Delhi, India. November 9-11, 2009.
91. Jacobs DL. Endovascular Tools: Essentials for Routine Intervention. Vascular Society of India CCVI Program. New Delhi, India. November 13<sup>th</sup>, 2009.
92. Jacobs DL. Aortoiliac Occlusive Disease Intervention: Patient Selection and Technique. Vascular Society of India CCVI program. New Delhi, India. November 14<sup>th</sup>, 2009.
93. Jacobs DL. Invited presentation for Zeller, T. Recanalization of Chronic Occlusions of Infringuinal Arteries Using the Outback <sup>TM</sup> Re-entry Catheter. Leipzig Interventional Course. Leipzig, Germany. January, 27<sup>th</sup>, 2010.
94. Jacobs DL. Novel Devices for Endoluminal Treatment of Tibial Atherosclerosis. Society of Vascular Surgery Annual Meeting. Boston, MA. June 11<sup>th</sup>, 2010.
95. Jacobs DL, Guldehaus K, Sundaram S. Intravascular Ultrasound-Guided Vena Cava Filter Placement. Video Presentation. American College of Surgeons Clinical Congress, Washington, DC. October 6<sup>th</sup>, 2010.
96. Jacobs DL. Successfully Dealing with Type III Arch Anatomy for Carotid Stenting. Presentation, Vascular InterVentional Advances (VIVA) Conference. Las Vegas, NV. October 20<sup>th</sup>, 2010.
97. Jacobs DL. Optimal Central Venous Stenosis Treatment. Presentation, Vascular InterVentional Advances (VIVA) Conference. Las Vegas, NV. October 20<sup>th</sup>, 2010.
98. Jacobs DL. Popliteal Artery Entrapment: Novel Surgical Approaches to This Non-atherosclerotic Syndrome. Vascular InterVentional Advances (VIVA) Conference. Las Vegas, NV. October 20<sup>th</sup>, 2010.

99. Jacobs DL. Re-entry Tools: An Overview. New Cardiovascular Horizons 12<sup>th</sup> Annual Meeting. New Orleans, LA. June 1<sup>st</sup>, 2011.
100. Smeds MR, Sundaram SM, Cederstrand SL, Peterson GJ, Jacobs DL, Peterson BG. Early results using the C3 excluder delivery system in the management of patients with abdominal aortic aneurysms and difficult proximal neck anatomy. Poster, Midwestern Vascular Surgical Society (MVSS) Annual Meeting, Chicago, Illinois, September 2011.
101. Jacobs DL. Pharmacological Adjuncts to Arterial and Venous Interventions: How to Select What to Use and When to Combine Agents. Presentation, Vascular InterVentional Advances (VIVA) Conference, Las Vegas, Nevada. October 18<sup>th</sup>, 2011.
102. Jacobs DL. Abdominal Aorta-Strategies on the Frontline. Presentation, Vascular InterVentional Advances (VIVA) Conference, Las Vegas, Nevada. October 19<sup>th</sup>, 2011.
103. Smeds MR, Jacobs DL. Type I endoleak in a fenestrated stent graft: Treatment with a repeat only fenestrated stent graft. Presentation, Vascular InterVentional Advances (VIVA) Conference, Las Vegas, Nevada. October 19<sup>th</sup>, 2011
104. Smeds MR, Jacobs, DL, Peterson GJ, Peterson BG. Use of the C3 Excluder endoprosthesis for patients with abdominal aortic aneurysms and unfavorable proximal aortic seal zones. Presentation, Peripheral Vascular Surgical Society (PVSS) Winter Meeting, Vail Colorado. January, 2012.
105. Ofstein RH, Smeds MR, Jacobs DL, Peterson GJ, Peterson BG. Endovascular repair of a para-anastomotic pseudoaneurysm following renal transplant: An alternative to open reconstruction. Presentation, Peripheral Vascular Surgical Society (PVSS) Winter Meeting, Vail, Colorado. January 18, 2012.
106. Jacobs DL. Laser Atherectomy and Supera Stenting for Treatment In-stent Stenosis in the Femoral-popliteal Arteries. Presentation, Trans-Atlantic Experts Forum Leipzig Interventional Course (LINC), Leipzig, Germany. January 23, 2010.
107. Smeds MR, Bhamidipati CM, Peterson GJ, Wittgen CM, Jacobs DL. True lumen re-entry: A single center 7-year experience comparing Outback LTD and Pioneer catheters. Poster, Society for Clinical Vascular Surgery (SCVS) Conference, Las Vegas, Nevada. March, 2012.
108. Jacobs DL. Complex Aorto-iliac Intervention. Presentation, New Cardiovascular Horizons-Latin America Inaugural Meeting, San Jose, Costa Rica, February 28<sup>th</sup>, 2012.
109. Jacobs DL. Tibioperoneal Interventions for Critical limb Ischemia: Tips for short or ostial lesions. Presentation, New Cardiovascular Horizons-Latin America Inaugural Meeting, San Jose, Costa Rica, February 29<sup>th</sup>, 2012.
110. Jacobs DL. Carotid Stenting post CREST trial. Presentation, New Advances in Cardiovascular and Endovascular Technologies. San Juan, Puerto Rico. May 5<sup>th</sup>, 2012.

111. Jacobs DL. Carotid Endarterectomy vs Carotid Stenting. Debate position in favor of carotid endarterectomy. *New Advances in Cardiovascular and Endovascular Technologies*. San Juan, Puerto Rico. May 5<sup>th</sup>, 2012.
112. McAninch CM, Smeds MR, Jacobs DL. Early results using woven nitinol stents for femoral popliteal disease. Poster, *Midwestern Vascular Surgical Society (MVSS) Annual Meeting*, Milwaukee, Wisconsin, September, 2012.
113. Jacobs, DL. Carotid Endarterectomy vs Carotid Stenting Debate. Satellite Presentation, *Vascular Interventional Advances (VIVA) Conference*. Las Vegas, NV. October 10<sup>th</sup>, 2012.
114. Jacobs DL. Update on Carotid Revascularization. *Saint Louis University Medicine Grand Rounds*. St Louis, MO. November 16<sup>th</sup>, 2012.
115. Jacobs DL. Advances in CTA and MRA imaging for PAD. *New Cardiovascular Horizons - Latin America*, San Jose, Costa Rica. April 10-12, 2013.
116. Jacobs DL. Total Aortoiliac Occlusions: Endo or Open? *New Cardiovascular Horizons - Latin America*, San Jose, Costa Rica. April 10-12, 2013.
117. Jacobs DL. Short Comings for Current Diagnostic Tools for Tibioperoneal Disease. *New Cardiovascular Horizons - Latin America*, San Jose, Costa Rica. April 10-12, 2013.
118. Jacobs DL. Safe Landings for TEVAR. *New Cardiovascular Horizons - Latin America*, San Jose, Costa Rica. April 10-12, 2013.
119. Jacobs DL, Montero M. Stenting of Chronic Iliac Venous Occlusion. Live case satellite broadcast. *New Cardiovascular Horizons - Latin America*, San Jose, Costa Rica. April 10-12, 2013.
120. Jacobs DL. Considerations for Patient Selection and Anatomical Planning for CHIMPS. *NCVH*, New Orleans, LA. June 5-8, 2013.
121. Jacobs DL. Challenging EVAR Access. *NCVH*, New Orleans, LA. June 5-8, 2013.
122. CTA to Guide Peripheral Interventions. *NCVH*, New Orleans, LA. June 5-8, 2013.
123. Smeds MR, Williams MS, Jacobs DL. Thoracic Outlet Syndrome Resulting from the Passage of an Aberrant Phrenic Nerve through an Annulus of the Subclavian Vein. Poster. *Midwest Vascular Surgical Society Annual Meeting*, Chicago IL. September 5-8, 2013.

124. Jasra B, Correa JC, Lee R, Bethea BT, Freeman A, Jacobs DL. BioGlue Embolism of the Popliteal Artery after Ascending Aortic Dissection Repair. Midwest Vascular Surgical Society Annual Meeting, Chicago IL. September 5-8, 2013.
125. Motaganahalli R, Jacobs DL. Stent-assisted Coil Embolization in Complex Vascular Pathology. Midwest Vascular Surgical Society Annual Meeting, Chicago IL. September 5-8, 2013.