

David Lawrence Cull, MD, FACS

Business Address

Greenville Health System
Department of Surgery
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3rd Floor – Support Tower
Greenville, SC 29605
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EDUCATION:	Virginia Commonwealth University Undergraduate Work Richmond, VA	1976 - 1977
	Our Lady of the Lake University Bachelor of Arts San Antonio, TX	1977 - 1980
	Baylor College of Medicine Doctor of Medicine Houston, TX	1981 - 1985
	Isenberg School of Management Master of Business Administration Focus- Healthcare Administration University of Massachusetts Amherst, MA	Anticipated Dec. 2016
PROFESSIONAL TRAINING:	Wilford Hall Medical Center Intern, General Surgery	1985-1986
	Lackland AFB, TX Resident, General Surgery	1986-1990
	Eastern Virginia Graduate School of Medicine, Norfolk, VA Fellow, Vascular Surgery	1990-1992
	American College of Surgeons Surgeons as Educators Course Atlanta, GA	Sept 2012
	American College of Surgeons Research Outcomes Course Chicago, IL	Nov 2012
American Assoc. for Physician Leadership CME- Leadership Finance Management - 129 hrs Tampa, FL	Apr 2013 - Jun 2014	

**CERTIFICATIONS
AND LICENSURE**

American Board of Surgery
Diplomate (#35971) Certified: Feb. 25, 1991
Recertified: Oct. 22, 1999
Recertified: Dec. 1, 2009

Certificate of Added Qualification
in General Vascular Surgery
(#100440) Certified: May 26, 1993
Recertified: Oct. 19, 2001
Recertified: Sept. 22, 2011

American Registry of Diagnostic
Medical Sonographers
Registered Vascular Technologist Certified: 1994
Registered Physician in Vascular Interpretation Certified: 2013

American College of Physician Executives
Diplomate May 2013 - Present

Licensure State of South Carolina License #19244

**HOSPITAL
APPOINTMENTS:**

**Greenville Health System
University Medical Center
Greenville, SC**

Attending Vascular Surgeon 1997 - Present
Academic Vice-Chair, Department of Surgery 2013 - Present
Clinical Practice Value Based Committee Member 2012 - Present
Interim Chairman, Department of Surgery 2010 - 2011
Research, Vice-Chair, Department of Surgery 2007 - 2010
Chief Editor and Director of Clinical Research
Department of Surgery 2006 - 2007
Institutional Animal Care and
Use Committee Member 2006 - 2009
Academic Appointment & Promotions
Committee Member 2004 - 2008

Wilford Hall 1996 - 1997
USAF Medical Center
Chief, Section of Vascular Surgery

**ACADEMIC
APPOINTMENTS:**

Lackland AFB, TX 1995 - 1997
Department of Surgery
Executive Officer

University of South Carolina School 2011 - Present
Professor of Surgery (clinical track)
School of Medicine-Greenville
Greenville, SC

University of South Carolina School of Medicine Columbia, SC	
GHS Professor of Clinical Surgery	2005 - 2011
Clinical Associate Professor of Surgery	1997 - 2004
Medical University of South Carolina Charleston, SC	1997 - 2006
Clinical Associate Professor of Surgery	
F. Edward Hebert School of Medicine Uniformed Services University of the Health Sciences Bethesda, MD	1993 - 2005
Assistant Professor of Surgery	
University of Texas Health Sciences Center San Antonio, TX	1993 - 1997
Clinical Assistant Professor of Surgery	
Eastern Virginia Graduate School of Medicine Norfolk, VA	1990 - 1992
Instructor in Surgery	

**OTHER
PROFESSIONAL
POSITIONS AND
APPOINTMENTS:**

CreatiVasc Medical LLC Founder, Chief Technical Officer Chair, Board of Trustees	2005 - Present
<u>Journal of Vascular Surgery</u> Key Reviewer	2007 - Present
Southern Association For Vascular Surgery Continuing Medical Education Committee	2012 - Present
FDA Cardiovascular Advisory Panel Circulatory System Devices Advisor	2007 - Present
University of South Carolina School of Medicine Columbia, SC	2011 - 2012
Department of Surgery Chair Search Committee Member American Registry of Diagnostic Medical Sonographers	2002 - 2008
Exam Development Task Force Member	
<u>Yearbook of Vascular Surgery</u> Associate Editor	2008

HONORS AND AWARDS:

South Carolina Medical Foundation		
Board President		2006 - 2008
Board Member		2004 - 2008
South Carolina Board of Medical Examiners		1999 - 2005
Member, Medical Disciplinary Committee		
University of South Carolina		
School of Medicine-Greenville		
Greenville, SC		
Outstanding Surgical Educator Award		2012
Outstanding Faculty Research Award		2011
Issued Patents		
Pat. No. 82211,056		July 2012
Devices and methods to facilitate cannulation of an arteriovenous fistula		
Pat. No. 8,114,044		Feb 2012
Arteriovenous access valve system and process		
Pat. No. 7,025,741		Jun 2003
Arteriovenous access valve system and process		
Patents Pending		
Pub.App.No. 20090030498, 20080300528, 20060229548		
Arteriovenous access valve system and process		
InnoVision Technology Award		2008
FistulaFinder, CreatiVasc Medical LLC		
David Cull, Inventor of Device		
History Channel/National Inventors Finalist		2005
Invention of the Year:		
Hemoaccess Valve System Hall of Fame		
David Cull, Inventor of Device		
InnoVision Technology Development Award		2005
Vascular Innovations LLC		
David Cull, Inventor of Device		
Company Founder		
Greenville Hospital System		2005
University Medical Center		
Greenville, SC		
Outstanding Surgical Educator Award		
U.S. Air Force	Commendation Medal	1995
	Distinguished Service Award	1990

	Joint Military Medical Command Best Research Presentation Annual Symposium	1990
	Society of Air Force Clinical Surgeons Surgeon General's Award Outstanding Presentation in Cardiothoracic Surgery Outstanding Paper in General Surgery	1990 1987
	Wilford Hall Medical Center Lackland AFB, TX Chief Resident's "Iron Intern" Award	1986
	Our Lady of the Lake University San Antonio, TX Honors Graduate	1980
MILITARY SERVICE:	U.S. Air Force Medical Corps Lieutenant Colonel	1985 - 1997
PROFESSIONAL SOCIETIES:	American College of Surgeons, Fellow Southern Association for Vascular Surgery Society for Vascular Surgery, Distinguished Fellow Peripheral Vascular Surgery Society Southeastern Surgical Congress Southern Surgical Association Greenville County Medical Society South Carolina Vascular Surgical Society	

PRESENTATIONS:

1. Cull DL. Evaluation of Routine Operative Bile Cultures:
 - a. Society of Air Force Clinical Surgeons, San Antonio, Texas, April, 1987.
 - b. Southern Medical Association, San Antonio, Texas, November, 1987.
2. Cull DL. Assessing the Compatibility of Blood and Ringer's Lactate in an Age of Component Transfusional Therapy. Society of Air Force Clinical Surgeons, San Francisco, California, April, 1988.
3. Cull DL. The Surgical Complications of Henoch-Schoenlein Purpura:
 - a. Society of Air Force Clinical Surgeons, San Francisco, California, April, 1988.
 - b. Pacific Association of Pediatric Surgeons, Sun River, Oregon, May, 1989.
4. Cull DL. Compatibility of Packed Red Blood Cells and Ringer's Lactate. Southwestern Surgical Congress, Monterey, California, April, 1988.

5. Cull DL. Recurrent Carotid Artery Stenosis in Females:
 - a. San Antonio Vascular Society, San Antonio, Texas, March, 1989.
 - b. Society of Air Force Clinical Surgeons, San Antonio, Texas, April, 1989.
6. Cull DL. Tracheal Reconstruction With PTFE Graft in Dogs:
 - a. Presented before Society of Air Force Clinical Surgeons, Washington, D.C, April, 1990.
 - b. Annual Cardiothoracic Symposium of Uniformed Services University of the Health Sciences, Bethesda, Maryland, June, 1990.
 - c. Annual Symposium of the Joint Military Medical Command, San Antonio, Texas, May, 1990.
7. Cull DL. Comparison of Laser-Assisted Angioplasty and the Kensey Atherectomy Device for Treatment of Femoropopliteal Lesions. Virginia Vascular Society, Hot Springs, Virginia, September, 1990.
8. Cull DL. Color Duplex Imaging: Advantages and Applications. Society of Eastern Virginia Vascular Technologists, Norfolk, Virginia, November, 1990.
9. Cull DL. Atherectomy and Laser-Assisted Balloon Angioplasty: Boon or Bust? Southern Association for Vascular Surgery, Rancho Mirage, California, January, 1991.
10. Cull DL. Thoracic Aortic Ectasia in a Patient With Takayasu's Disease. Society of Clinical Vascular Surgeons, Kauai, Hawaii, April, 1991.
11. Cull DL. Intraoperative Assessment of Infrainguinal Arterial Reconstruction With Duplex Scanning. Society of Military Vascular Surgeons, Washington, D.C, December, 1992.
12. Cull DL. Abdominal Vascular Trauma. Trauma Refresher and Critical Care Course for Surgeons, San Antonio, Texas, July, 1994.
13. Cull DL. Diagnosis and Management of Arterial Foot Ulcers. Symposium on the Management of Leg Ulcers, San Antonio, Texas, October, 1994.
14. Cull DL. Spontaneous Superior Mesenteric Venous Thrombosis: A Case Report and Review of the Literature. San Antonio Vascular Surgery Society, San Antonio, Texas, November, 1994.
15. Cull DL. Infrainguinal Arterial Graft Surveillance: Why? How? and How Often? Society of Vascular Technology, San Antonio, Texas, June, 1995.
16. Cull DL. Vascular Exposure: Neck and Extremity. Trauma Refresher and Critical Care Course for Surgeons, San Antonio, Texas, July, 1995.
17. Cull DL. Cases of Self-Mutilation During Operation Sea Signal: A Humanitarian Mission? Society of Air Force Clinical Surgeons, San Antonio, Texas, April, 1996.
18. Cull DL. Current Management of Arterial Aneurysms, Second Annual Vascular Surgery Symposium, Greenville, South Carolina, May 30, 1997.
19. Cull DL. The Changing Practice of Vascular Surgery, South Carolina Chapter, American College of Surgeons, Charleston, South Carolina, January 24, 1998.
20. Cull DL, Hansen JC, Taylor SM, Langan EM, Snyder BA, Coffey CB. "Internal Carotid Artery Patency Following Common Carotid Artery Occlusion: Management of the Asymptomatic Patient." 23rd Annual Spring Meeting Peripheral Vascular Surgery Society, San Diego, California, June 6, 1998.

21. Cull DL. "Venous Disease: DVT, Varicose Veins and Venous Insufficiency - The Swollen Leg." Third Annual Vascular Symposium, Greenville South Carolina, October 23, 1998.
22. Cull DL, Taylor SM, Russell HE, Langan EM, Snyder BA, Sullivan TM. "The Impact of a Community-Wide Vascular Access Program on the Management of Graft Thrombosis in a Dialysis Population of 495 Patients", 27th Annual Symposium on Vascular Surgery, Society for Clinical Vascular Surgery, Orlando, Florida, March 24-28, 1999.
23. Cull DL, Taylor SM, Hamontree SE, Langan EM, Snyder BA, Sullivan TM. A Reappraisal of the Through Knee Amputation in the Patient With Peripheral Vascular Disease. Southern Association for Vascular Surgery, January, 2000.
24. Cull DL. Surgery in the Medical Mission Field. South Carolina Chapter American College of Surgeons, Columbia, South Carolina, February, 2000.
25. Cull DL. Vascular Access: The Achilles Heel of Hemodialysis:
 - a. 152nd Annual Meeting and Scientific Assembly of the South Carolina Medical Association, Charleston, South Carolina, April, 2000;
 - b. 8th Annual J.D. Ashmore Lectureship, Greenville, South Carolina, June 2000;
 - c. Fourth Annual Vascular Surgery Symposium, Greenville, South Carolina, October 2000.
26. Cull DL, Taylor SM, Carsten CG, Youkey JR, Snyder BA, Sullivan TM, Langan EM. The Fistula Elevation Procedure: A Valuable Technique for Maximizing Arteriovenous Fistula Utilization. 26th Annual Spring Meeting Peripheral Vascular Surgery Society Meeting, Baltimore, Maryland, June 9, 2001.
27. Cull DL. Principles of Hemodialysis Access. Annual National Kidney Foundation Symposium, Greenville, South Carolina, October 11, 2001.
28. *Bolton WD, Cull DL, Taylor SM, Langan EM, Sullivan TM, Snyder BA, Youkey JR, Gray BH, Carsten CG. The Use of Cryopreserved Femoral Vein Grafts for Hemodialysis Access in Patients at High Risk for Infection: A Word of Caution. Southern Association for Vascular Surgery, Miami Beach, Florida, Jan. 16-19, 2002.
29. Cull DL. Useful Techniques to Increase Natural Fistula Creation. Second Annual General Surgery Update, University of South Carolina School of Medicine, Columbia, South Carolina, June 6, 2002.
30. Cull DL. Management of Complicated Vascular Access Problems. Second Annual General Surgery Update, University of South Carolina School of Medicine, Columbia, South Carolina, June 6, 2002.
31. Cull DL. The Amazing Life and Career of Alexis Carrel. First Joint Meeting of the South Carolina Surgical Society and the South Carolina Chapter of the American College of Surgeons, Sea Island, Georgia, June 27-29, 2002.
32. Cull DL. The Diabetic Foot: Management and Treatment. 6th Annual Vascular Symposium, Greenville Memorial Medical Center, Greenville, SC, Oct. 11, 2002.
33. *Patel AP, Cull DL, Taylor SM, Langan EM, Snyder BA, Sullivan TM, Youkey JR, Carsten CG. The Chest Wall Arterio-Venous Graft: An Alternative Tertiary Access Procedure. 96th Annual Scientific Assembly of the Southern Medical Association, Washington, DC, Nov. 13-16, 2002.

34. Cull JD, Cull DL, Taylor SM, Youkey JR, Snyder BA, Langan EM III, Blackhurst DW. Prosthetic Thigh Arteriovenous Access: Outcome Using the SVS/AAVS Reporting Standards. SVS/AAVS Annual Meeting, Chicago, IL, June 8-11, 2003.
35. *Patel AP, Langan EM III, Sullivan TM, Gray BH, Taylor SM, Carsten CG III, Cull DL, Snyder BA, Youkey JR. A Comparison of Standard Open Surgical Repair and Endovascular Repair of Abdominal Aortic Aneurysms in Octogenarians. The Southeastern Surgical Congress Annual Scientific Meeting, Savannah, GA, Feb. 9-11, 2003.
36. Cull DL. Dialysis Access Algorithm – How to Manage These Patients. Greenville Hospital System Cardiovascular Symposium, Embassy Suites Hotel, Greenville, South Carolina, October 10, 2003.
37. Cull DL. Interpretation of Carotid Imaging. Second Annual Cardiovascular Symposium - Greenville Hospital System. Greenville, SC, February 17-18, 2005.
38. Cull DL. Controversies in Vascular Access. Orangeburg County Medical Society, Orangeburg, SC, Aug. 9, 2005.
39. *Scott JD, Cull DL, Kalbaugh CA, Carsten III CG, Blackhurst DW, Taylor SM, Snyder BA, Jackson MR, York JW, Langan EM III. The Mid-Thigh Loop Arteriovenous Graft: Patient Selection, Technique and Results. Southeastern Surgical Congress, Lake Buena Vista, FL, Feb. 18-21, 2006 (poster session).
40. *Palmer RM, Cull DL, Kalbaugh CA, Carsten III CG, Snyder BA, Jackson MR, York JW, Langan EM III, Blackhurst DW, Taylor SM. Is Surgical Thrombectomy to Salvage Failed Native Arteriovenous Fistulae Worthwhile? Southeastern Surgical Congress, Lake Buena Vista, FL, Feb. 18-21, 2006 (poster session).
41. *Jones WM, Cull DL, Kalbaugh CA, Cass AL, Taylor SM. Surgical Revascularization in Patients with End-Stage Renal Disease: A New Paradigm in Outcomes Assessment. Southeastern Surgical Congress, Savannah, GA, Feb. 9-13, 2007.
42. *Kendall TW, Cull DL, Kalbaugh CA, Cass AL, Taylor SM, Carsten CG III. The Axillo-Axillary Arteriovenous Graft: Technique and Outcomes in the Obese Patient. The Society for Clinical Vascular Surgery 35th Annual Symposium, Orlando, FL, Mar. 21-24, 2007.
43. *Bronder CM, Cull DL, Kuper SG, Kalbaugh CA, Cass AL, Carsten CG III, York JW, Youkey JR, Taylor SM. The Fistula Elevation Procedure as an Adjunct for AV Fistulae Maturation: Experience with 295 Consecutive Cases. Southern Surgical Association, Hot Springs, VA, Dec. 2-5, 2007.
44. *Morse BC, Cull DL, Kalbaugh CA, Cass AL, Carsten CG III, Taylor SM. Through-Knee Amputation in Patients with Peripheral Arterial Disease: A Review of 50 Cases. Southern Association for Vascular Surgery, Naples, FL, Jan. 16-19, 2008.
45. Cull DL, Carsten CG III, Kalbaugh CA, York JW, Campbell TR, Cass AL, Taylor SM. Reverse J A-V Grafts for Hemodialysis Access: Rationale, Technique and Outcomes. Southeastern Surgical Congress, Birmingham, AL, Feb. 9-12, 2008.
46. Cull DL. Complex Vascular Accesses: Which One is Worth Considering When all Others are Exhausted? Vascular Annual Meeting (Society for Vascular Surgery). San Diego, CA, June 4-8, 2008.

47. Cull DL. Complex Vascular Accesses: Which One is Worth Considering When All Others Are Exhausted? American College of Surgeons 94th Annual Clinical Congress, Oct. 12-16, 2008.
48. *Webb KM, Cull DL, Carsten CG III, Johnson BL, Taylor SM. Outcome of the Viabahn Endoprosthesis to Salvage Failed Arteriovenous Accesses. Peripheral Vascular Surgery Society, Steamboat Springs, CO, Jan. 30-Feb. 1, 2009.
49. Cull DL. Has the Shift from Open Surgery to Endovascular Techniques for the Treatment of Critical Limb Ischemia Resulted in Improved Outcomes?: A Population-Based Study. Seventeenth Annual JD Ashmore Lectureship, Greenville Memorial Hospital, Greenville, SC, June 19, 2009.
50. Cull DL, Langan EM III, Johnson BL, Taylor SM, Gray BH. Has The Shift From Open Surgery to Endovascular Techniques For the Treatment of Critical Limb Ischemia Resulted in Lower Amputation Rates? A Population-Based Study. Southern Surgical Association, Hot Springs, VA, Nov. 29-Dec. 2, 2009.
51. Cull DL. The Truth About AV Access – Evidence Based Data. The 5th Annual Sanctuary of Endovascular Therapy, Kiawah Island, SC, Feb. 18-20, 2010.
52. Cull DL. Dialysis Access Overview – Where are we Going? The 5th Annual Sanctuary of Endovascular Therapy, Kiawah Island, SC, Feb. 18-20, 2010.
53. Cull DL. Salvage Strategies for Thrombosed Prosthetic and Autogenous Access. Vascular Annual Meeting – Society for Vascular Surgery, Boston, MA, June 9-13, 2010.
54. Cull DL. A “How to Guide” to Medical Device Invention and Development. Grand Rounds Speaker. Department of Surgery, Brooke Army Medical Center, San Antonio, TX, Sept 30, 2010.
55. Cull DL. Complex Access Procedures and Operations to Salvage Failing Fistulas. Featured Speaker. Annual Meeting- Texas Vascular Surgery Society, San Antonio, TX, Oct 1, 2010.
56. Cull DL. What’s New in Angioaccess for Hemodialysis. Fall Meeting- American College of Surgeons, San Francisco, CA, Oct, 2011.
57. Cull DL. An On-Off Switch for AV Grafts. Controversies in Dialysis Access, Washington DC, Oct, 2011.
58. *Washer JD, Cull DL. Salvaging Thrombosed Autogenous Access With Surgical Thrombectomy: Description of a Simple Technique and its Outcomes. Peripheral Vascular Surgery Society 22nd Annual Winter Meeting, Vail CO, Jan 28, 2012.
59. Cull DL. The Impact of a Vascular Surgery Hospitalist Program on Physician and Patient Satisfaction, Resident Education, and Resource Utilization. Annual Meeting- South Carolina Vascular Surgery Society, Myrtle Beach SC, July 2012.
60. *Iglesias RC, Cull DL. The Management of Dysfunctional Prosthetic Arteriovenous Accesses By Interventional Nephrologists and Surgeons: A Comparison of Outcomes. Annual Meeting- Vascular Access Society of America, Miami FL, May 2012.
61. Cull DL. Vascular Access in the Obese Patient.: A Practical Guide. Annual Meeting- Vascular Access Society of America, Miami FL, May 2012.

62. Cull DL. Vascular Access in the Obese Patient: A Practical Guide. 39th Annual Symposium on Vascular and Endovascular Issues (Veith Symposium), New York NY, Nov 2012.
63. Cull DL. Comparison of AV Fistula and Grafts in Patients With Favorable Vascular Anatomy and Equivalent Access to Health Care: Is a Reappraisal of the Fistula First Program Needed? Annual Meeting- Southern Surgical Association, Palm Beach FL, Dec 2012.
64. Cull DL. The Impact of a Vascular Surgery Hospitalist Program on Physician and Patient Satisfaction, Resident Education, and Resource Utilization. Annual Meeting- Society For Clinical Vascular Surgery, Miami Beach FL, Mar 2013.
65. Claudeanos KT, Cull DL, Keahy G, Hudgins J, Carsten CG III. Fistulas in Octogenarians: Are They Beneficial? Peripheral Vascular Surgery Society, Steamboat Springs, CO, Jan 2014.
66. Cull DL. Mythbuster Part-1: Are Grafts as “Bad” as We Think? Vascular Access Society of the Americas, Dallas, TX, May 2014.
67. *Gucwa AL, Cull DL. Description and Outcomes of a Simple Technique For Treating Arteriovenous Fistula Pseudoaneurysms. Vascular Society of the Americas, Dallas, TX, May 2014.
68. Cull DL, Manos G, Hartley M, Taylor SM, Langan EM, Eidt JF, Johnson B. Prospective Analysis of Wound Characteristics and Degree of Ischemia on Wound Healing and Limb Salvage: An Early Validation of the Society for Vascular Surgery Lower Extremity Threatened Limb Classification System. Society for Vascular Surgery, Boston, MA, June, 2014.

*Resident/Fellows mentored by DL Cull

PUBLICATIONS:

1. Cull DL, Beck DE. Routine bile cultures during elective cholecystectomy. South Med J 1988; 81: 1358-9.
2. Cull DL, Rosario V, Lally KP, et al. Surgical implications of Henoch-Schoenlein purpura. J Pediat Surg 1990; 25: 741-3.
3. Cull DL, Lally KP, Mair E, et al. Tracheal reconstruction with polytetrafluoroethylene graft in dogs. Ann Thor Surg 1990; 50:899-901.
4. Cull DL, Lally KP, Murphy KD. Compatibility of packed erythrocytes and Ringer's lactate solution. Surg, Gyn & Obstet. 1991, 173: 9-12.
5. Cull DL, Feinberg RL, Wheeler JR, et al. Experience with laser-assisted balloon angioplasty and a rotary angioplasty instrument: Lessons learned. J Vasc Surg. 1991; 14: 332-9.
6. Cull DL, Wheeler JR, Gregory RT, et al. The vena tech filter: Evaluation of a new inferior vena cava interruption device. J Cardiovasc Surg. 1991; 32: 691-6.
7. Cull DL, Parent EN, Wheeler JR, et al. Thoracic aortic ectasia in a patient with Takayasu's disease. Ann Vasc Surg 1991; 5:470-2.

8. Cull DL, Gregory RT, Wheeler JR, et al. Duplex scanning for the intraoperative assessment of infrainguinal arterial reconstruction: A useful tool? *Ann Vasc Surg* 1992; 6: 20-4.
9. Cull DL, Winter RP, Wheeler JR, et al. Mycotic aneurysm of the suprarenal abdominal aorta. *J Cardiovasc Surg.* 1992; 33: 181-4.
10. Blacksher B, Sorrell KA, Cull DL. Diagnosis of postnephrectomy renal arteriovenous fistula with color flow duplex ultrasonography and evaluation of postembolization hemodynamics. *J Vasc Technol* 1993; 17:39-43.
11. Hagino RT, Fujitani RM, Dawson DL, Cull DL, Buehrer JL, Taylor SM, Mills JL: Does infragenicular arterial runoff predict success of popliteal artery aneurysmorrhaphy? *Am J Surg* 1994;168: 652-6.
12. Fujitani RM, Mills JL, Dawson DL, Taylor SM, Buehrer JL, Cull DL: Functional durability of secondary operations for intrinsic infrainguinal reversed vein graft failure: An analysis of prophylactic reintervention. *Cardiovasc Surg.* 1994; 2(5): 653-4.
13. Andrews TM, Cull DL, Pelton JJ. Epidemic malingering among Cuban refugees in Guantanamo Bay, Cuba. *N Engl J Med* 1997;336:1251-3.
14. Taylor SM, Langan EM, Snyder BA, Cull DL, Sullivan TM. Concomitant Renal Revascularization with Aortic Surgery: Are the Risks of Combined Procedures Justified? *Am Surg*; 66(8):768-772, 2000.
15. Thomas TA, Taylor SM, Crane MM, Cornett WR, Langan EM, Snyder BA, Cull DL. An Analysis of Limb-threatening Lower Extremity Wound Complications After 1090 Consecutive Coronary Artery Bypass Procedures. *Vasc Med* 1999; 4:83-88.
16. Taylor SM, Langan EM, Snyder BA, Cull DL. Nonendarterectomy procedures of the carotid artery: A five-year review. *Am Surg*; 65(4): 323-327, 1999.
17. Cull DL, Hansen JC, Taylor SM, Langan EM III, Snyder BA, Coffey CB. Internal carotid artery patency following common carotid artery occlusion: management of the asymptomatic patient. *Ann Vasc Surg* 1999;13:73-6.
18. Cull DL, Taylor SM, Russell HE, Langan EM, Snyder BA, Sullivan TM. The impact of a community wide vascular access program on the management of graft thrombosis in a dialysis population of 495 patients. *Am J Surg*; 178(2):113-6, 1999.
19. Schwab DP, Taylor SM, Cull DL, Langan EM, Snyder BA, Sullivan TM, Youkey JR. Isolated arteriovenous dialysis access graft segment infection: The results of segmental bypass and partial graft excision. *Ann Vasc Surg*;14:63-66, 2000.
20. Sackett WR, Taylor SM, Coffey CV, Viers KD, Langan EM, Cull DL, Snyder BA, Sullivan TM. Ultrasound-guided thrombin injection of iatrogenic femoral pseudoaneurysms: a prospective analysis. *Am Surg.* (66): 937-942, 2000.
21. Cull DL, Taylor SM, Hamontree SE, Langan EM, Snyder BA, Sullivan TM, Youkey JR. A Reappraisal of a Modified Through-Knee Amputation in Patients with Peripheral Vascular Disease. *Am J Surg* July 2001; 182(1): 44-8.
22. Cull DL, Taylor SM, Carsten CG, Youkey JR, Snyder BA, Sullivan TM, Langan EM. The Fistula Evaluation Procedure: A Valuable Technique for Maximizing Arteriovenous Fistula Utilization. *Ann Vasc Surg* January 2002; 16: 84-8.

23. Langan EM, Coffey CG, Taylor SM, Snyder BA, Sullivan TM, Cull DL, Youkey JR, Gray BH. The Impact of the Development of a Program to Reduce Urgent (Off-Hours) Venous Duplex Ultrasound Scan Studies. *Ann Vasc Surg* July 2002; 36:132-36.
24. Sullivan TM, Ainsworth SD, Langan EM, Taylor SM, Snyder BA, Cull DL, Youkey JR, LaBerge M. Effect of Endovascular Stent Strut Geometry on Vascular Injury, Myointimal Hyperplasia, and Restenosis. *Ann Vasc Surg* July 2002; 36:143-49.
25. Patel AP, Taylor SM, Langan EM III, Snyder BA, Cull DL, Sullivan TM, Youkey JR, Gray BH, Carsten CG III. Obturator Bypass: A Classic Approach for the Treatment of Contemporary Groin Infection. *Am Surg* August 2002; 68 (8): 653-9.
26. Sullivan TM, Taylor SM, Blackhurst DW, Langan EM III, Cull DL, Carsten CG III, Gray BH, Snyder BA, Youkey JR. Has Endovascular Surgery Reduced the Number of Open Vascular Operations Performed by an Established Surgical Practice? *J Vasc Surg* September 2002; 36 (3): 514-9.
27. *Bolton WD, Cull DL, Taylor SM, Carsten CG III, Snyder BA, Sullivan TM, Youkey JR, Langan EM III, Gray BH. The Use of Cryopreserved Femoral Vein Grafts for Hemodialysis Access in Patients at High Risk for Infection: A Word of Caution. *J Vasc Surg* September 2002; 36 (3): 464-8.
28. Mackrell PJ, Langan EM III, Sullivan TM, Gray BH, Taylor SM, Cull DL, Snyder BA, Youkey JR, Carsten CG III. Management of Renal Artery Stenosis: Effects of a Shift from Surgical to Percutaneous Therapy on Indications and Outcomes. *Ann Vasc Surg* February 2003; 17: 54-9.
29. Taylor SM, Kalbaugh CA, Gray BH, Mackrell PJ, Langan EM III, Cull DL, Snyder BA, Carsten CG III, Stanbro MD, Youkey JR. The LEGS Score: A Proposed Scoring System to Direct Treatment of Chronic Lower Extremity Ischemia. *Ann Surg* June 2003;237:812-9.
30. Mackrell PJ, Kalbaugh CA, Langan EM III, Taylor SM, Gray BH, Carsten CG III, Sullivan TM, Snyder BA, Cull DL, Youkey JR. Can the Perclose Suture Mediated Closure System be Used Safely in Patients Undergoing Diagnostic and Therapeutic Angiography for Chronic Lower Extremity Ischemia? *J Vasc Surg* 2003;38:1305-8.
31. Patel AP, Langan EM III, Taylor SM, Gray BH, Carsten CG III, Cull DL, Snyder BA, Stanbro MD, Youkey JR, Sullivan TM. An Analysis of Standard Open and Endovascular Surgical Repair of Abdominal Aortic Aneurysms in Octogenarians. *Am Surg* September 2003; 69: 744-8.
32. Mackrell PJ, Kalbaugh CA, Langan EM III, Taylor SM, Sullivan TM, Gray BH, Carsten CG III, Snyder BA, Cull DL, Youkey JR. Can the Perclose Suture-Mediated Closure System be Used Safely in Patients Undergoing Diagnostic and Therapeutic Angiography to Treat Chronic Lower Extremity Ischemia? *J Vasc Surg* 2003 December; 38:1305-8.
33. Pelton JJ, Buehrer JL, Cull DL. Surgical Support of Operation Sea Signal: Adaptability of the 59th Air Transportable Hospital in Cuba. *Mil Med* 2003 December; 168: 957-60.
34. Cull JD, Cull DL, Taylor SM, Carsten CG III, Snyder BA, Youkey JR, Langan EM III, Blackhurst DW. Prosthetic Thigh Arteriovenous Access: Outcome Using the SVS/AAVS Reporting Standards. *J Vasc Surg* 2004 February; 39: 381-6.

35. Patel AP, Langan EM III, Taylor SM, Snyder BA, Cull DL, Carsten CG III, Youkey JR, Gray BH, Sullivan TM. Has the Emergence of Endovascular Treatment for Aneurysmal and Occlusive Aortic Disease Increased the Complexity and Difficulty of Open Aortic Operations? *Ann Vasc Surg* 2004 April; 18: 212-7.
36. Kalbaugh CA, Taylor SM, Blackhurst DW, Gray BH, Langan EM III, Dellinger MB, Carsten CG III, Snyder BA, Cull DL, Youkey JR. Chronic Limb Ischemia Treated According to the Lower Extremity Grading System (LEGS) Score: A Six-Month Report. *J Vasc Surg* 2004 June; 39: 1268-76.
37. Androes MP, Kalbaugh CA, Taylor SM, Blackhurst DW, McClary GE Jr, Gray BA, Langan EM III, Cull DL, Carsten CG III, Snyder BA, Jackson MR, Caldwell RA, Hanover TM, York JW, Stanbro MD, Youkey JR. Does a Standardization Tool to Direct Invasive Therapy of Symptomatic Lower Extremity Peripheral Arterial Disease Improve Outcomes? *J Vasc Surgery* 2004 November;40:907-15.
38. Carsten CG III, Taylor SM, Cull DL, Langan EM III, Snyder BA, Jackson MR, Youkey JR, Caldwell RA. The Surgically Created Arteriovenous Fistula: A Forgotten Alternative to Venous Access. *Ann Vasc Surgery* 2004 November;18:635-9.
39. Sullivan TM, Patel AP, Langan EN III, Gray BH, Mackrell PJ, Taylor SM, Carsten CG, Cull DL, Snyder BA, Miskulin J, Youkey JR. Can Carotid Angiography be Performed by Vascular Surgeons? A Critical Evaluation of Indications, Technique and Results. *Ann Vasc Surgery* 2004 November;18:710-3.
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RESEARCH

1. A Study to Evaluate the Efficacy of a Device to Facilitate Cannulation and Salvage of Arteriovenous Fistulae. Completed December 2007 Study Sponsor- CreatiVasc Medical LLC. Principal Investigator- David L. Cull, M.D.
2. Feasibility of an Implantable Device to Control Blood Flow in Arteriovenous Grafts in a Canine Model. Completed April 2008. Study Sponsor- CreatiVasc Medical LLC. Principal Investigator: David L. Cull, M.D.
3. The ArterXTM Vascular Sealant Clinical Evaluation. Study Sponsor: Tenaxis Medical. National Principal Investigator: David L. Cull, M.D.
4. A Pilot (Feasibility) Study To Evaluate The Safety, Effectiveness, And Functionality Of the Hemoaccess Valve System® (HVS) In Patients Requiring Arteriovenous Graft. Placement In the Upper Extremity For Hemodialysis Access. Study Sponsor- CreatiVasc Medical. Medical Director- David L. Cull, M.D.
5. Evaluation of the GORE ACUSEAL® Vascular Graft for Hemodialysis. Study Sponsor: Gore Medical. National Study Medical Director and Principal Investigator: David L. Cull, M.D.