

CURRICULUM VITAE

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DATE OF BIRTH: January 3, 1964
Kankakee, Illinois

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Commonwealth of Massachusetts
Issued: June 2000

Commonwealth of Virginia
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EDUCATION: Associate of Science, Nursing
May 1984
St. Petersburg Junior College
St. Petersburg, FL

Bachelor of Science (Biology)
May 1987
Eckerd College
St. Petersburg, FL

Doctorate of Medicine
East Carolina University of School of Medicine
Greenville, NC
May, 1993

RESIDENCY: July 1993 – June 1995
Intern and Junior Assistant Resident
Medical College of Virginia Hospitals
Virginia Commonwealth University
Richmond, VA

JEFFERY B. DATTILO, M.D.

July 1995-June 1997
 Research Fellow, Vascular Surgery
 Vascular Biology Research Laboratories
 Medical College of Virginia Hospitals
 Virginia Commonwealth University
 Richmond, VA

July 1997 – June 1998
 Assistant Resident
 Medical College of Virginia Hospitals
 Virginia Commonwealth University
 Richmond, VA

July 1998 – December 1998
 Clinical Fellow, Vascular Surgery Unit
 University Hospital of South Manchester
 Manchester, United Kingdom

January 1999 – June 1999
 Senior Assistant Resident
 Medical College of Virginia Hospitals
 Virginia Commonwealth University
 Richmond, VA

July 1999 – June 2000
 Chief Resident, General Surgery Residency
 Medical College of Virginia Hospitals
 Virginia Commonwealth University
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FELLOWSHIP:

July 2000 – June 2002
 Vascular Surgery Fellow
 Massachusetts General Hospital
 Harvard Medical School
 Boston, MA

BOARD CERTIFICATION:

American Board of Surgery
 National Board of Medical Examiners

APPOINTMENTS:

Assistant Professor of Surgery
 Division of Vascular Surgery
 Vanderbilt University Medical Center
 Nashville, Tennessee
 2002 – present

JEFFERY B. DATTILO, M.D.

Attending Surgeon
Veterans Administration Hospital
Nashville, Tennessee
2002 – present

Clinical Fellow in Surgery
Department of Surgery
Harvard Medical School
Boston, MA
July 2000 – June 2002

Clinical Locum Tenen
Jordan Hospital, Inc.
Plymouth, MA
July 2000 – June 2002

Clinical Locum Tenen
Shriner's Burn Hospital for Children
Boston, MA
October, 2000 – June 2002

HONORS AND AWARDS:

Chief Resident Teaching Award, Department of Surgery, MCV, 2000

International Vascular Fellowship, University of Manchester England/IMPRA, 1998

Liebig – Presidential Award, Peripheral Vascular Surgery Society, 1997

David M. Hume, M.D. Memorial Resident, Humera Surgical Society, MCV, 1997

Frank H. Longino Award, Department of Surgery, ECU-School of Medicine, 1993

Alpha Omega Alpha, ECU-School of Medicine, 1992

Merck Leadership Award, ECU-School of Medicine, 1992

Phi Theta Kappa, National Honor Society, St. Petersburg Junior College, 1983

RESEARCH FUNDING AND AWARDS:

National Research Service Award (NRSA), National Heart, Lung and Blood Institute, Department of Health and Human Services, National Institute of Health. Nitric oxide and intimal hyperplasia in vein grafts. 1F32 HL09301-01A1 (1996, 1997).

A.D. Williams Institutional Grant, Effects of L-arginine on intimal hyperplasia in vein grafts. Medical College of Virginia (1996).

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Impra Inc. Research Grant, The genetic regulation of extracellular matrix constituents of arterial segments surrounding artificial conduits and its relationship to the nitric oxide precursor, L-arginine (1995).

W.L. Gore and Associates, Inc., Research Grant (1995).

International Society for Cardiovascular Surgery (ISCVS), Student Research Fellowship (1992).

Alpha Omega Alpha, National Student Research Fellowship (1992).

PROFESSIONAL SOCIETIES

American College of Surgeons – Candidate Group (1993 – present)

Humera Surgical Society (July 2000)

Massachusetts Medical Society (January 2001)

Massachusetts General Hospital Surgical Alumni Society (2002)

ABSTRACTS

1. **Dattilo JB**, Lust RM, Moore CA, Sun YS, Dennis KJ, Chitwood Jr. WR. Production of intrathoracic arterial vein grafts without cardiopulmonary bypass or shunt. *J Investigative Surg* July - September 1992; 4:390.
2. **Dattilo JB**, Lust RM, Deng QM, Sun YS, Chitwood Jr WR. Early changes in the endothelium and adrenergic mediated responsiveness of veins used as thoracic arterial bypass grafts. *J Amer College Cardiol* 1992; 19(3):159A.
3. **Dattilo JB**, Dattilo MPM, Yager DR, Makhoul RG. L-arginine increases level of nitric oxide within injured aorta independent of inducible nitric oxide synthase gene expression. *Cardiovasc Surg* 1996; 4:674.
4. Ham JM, **Dattilo JB**, Fisher MR, Makhoul Rg. Endothelium dependent vasodilatation normalizes after combined kidney/pancreas transplantation in patients with diabetes and renal failure. *Circ* 1996; 94:I-36.
5. Posner MP, Makhoul RG, Altman M, Kimball P, Cohen N, Sobel M, **Dattilo JB**, Lee HM. Early results of infra-geniculate arterial reconstruction using cryopreserved homograft saphenous conduit (cadeveric vein) and combination low dose systemic immunosuppression. *1997 Yearbook of Vasc Surg* JM Porter (ed) Mosby, 1997.
6. **Dattilo JB**, Dattilo MPM, Yager DR, Makhoul Rg. Hypercholesterolemia alters the gene expression of novel components of the extracellular matrix in experimental vein grafts. *1999 Yearbook of Vasc Surg* JM Porter (ed) Mosby, 1999 pp 23-25.

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7. Boone BA, **Dattilo JB**, Passman MA, Guzman RJ, Naslund TC. Endovascular management of graft complications following neo-aortoiliac reconstruction with superficial femoral-popliteal veins. Submitted Society for Clinical Vascular Surgery 2003.
8. Boone BA, **Dattilo JB**, Passman MA, Guzman RJ, Naslund TC. Endovascular management of graft complications following neo-aortoiliac reconstruction with superficial femoral-popliteal veins. Submitted Southern Association for Vascular Surgery 2003.
9. Garrett JV, Passman MA, Guzman RJ, **Dattilo JB**, Naslund TC. Expanding options for bedside placement of inferior vena cava filters with intravascular ultrasound when trans-abdominal ultrasound imaging inadequate. Submitted American Venous Forum 2003.
10. Garrett JV, Passman MA, Guzman RJ, **Dattilo JB**, Naslund TC. Expanding options for bedside placement of inferior vena cava filters with intravascular ultrasound when trans-abdominal ultrasound imaging inadequate. Submitted Southern Association for Vascular Surgery 2003.
11. Corriere MA, Passman MA, Guzman RJ, **Dattilo JB**, Naslund TC. Mega-aneurysmal degeneration of a saphenous vein graft following femoral popliteal bypass. Submitted Peripheral Vascular Surgery 2003.

PUBLICATIONS

1. **Dattilo JB**, Lust RM, Deng QM, Sun YS, Moore CA, Chitwood Jr. WR. Autonomic vascular reactivity of intrathoracic autologous arterial vein grafts: comparison to peripheral grafts. *Surg Forum* 1991; 42:203-205.
2. Hopson SB, Lust RM, **Dattilo JB**, Zeri Rs, Sun YS, Otaki M, Brinn JE, Chitwood Jr. WR. The effects of intermittent flow patterns on vascular reactivity and hyperplasia in aortocoronary bypass grafts. *Surg Forum* 1993; 44:283-285.
3. **Dattilo JB**, Dattilo MPM, Spratt JA, Yager DR, Matsuura J, Salter DA, Makhoul RG. Differential expression of the inducible nitric oxide synthase (iNOS) gene in human vein grafts. *Surg Forum* 1996; 47:387-389.
4. Posner MP, Makhoul RG, Altman M, Kimball P, Cohen N, Sobel M, **Dattilo JB**, Lee HM. Early results of infra-geniculate arterial reconstruction using cryopreserved homograft saphenous conduit (cadeveric vein) and combination low dose systemic immunosuppression. *J Amer College Surgeons* 1996; 183:208-216.
5. Goggins WC, Fisher RA, **Dattilo JB**, Cohen DS, Tawes JW, Dattilo MPM, Babcock GF, Frede SE, Wakely PE, Posner MP. Analysis of functional renal allograft tolerance with

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- single-dose rapamycin based induction immunosuppression. *Transplantation* 1997; 63(2):310-314.
6. **Dattilo JB**, Lust Rm, Dattilo MPM, Parker FM, Meadows WM, Sun YS, Chitwood Jr SR, Makhoul RG. The temporal expression of TGF- β within early aortocoronary vein grafts. *J Surg Res* 1997; 69:349-353.
 7. **Dattilo JB**, Dattilo MPM, Spratt JA, Matsuura J, Yager DR, Makhoul RG. Inducible nitric oxide synthase (iNOS) expression in human vein grafts. *Amer J Surg* 1997; 174:177-180.
 8. Matsuura J, **Dattilo JB**, Poletti LF, Cohen IK, Posner MP, Makhoul RG. Minimally invasive vein harvesting: A comparison of endoscopic versus traditional open saphenectomy. *Vasc Surg* 1997; 31(5):519-522.
 9. **Dattilo JB**, Dattilo MPM, Scouvar M, Poletti LF, Yager DR, Makhoul RG. Augmentation of the L-arginine/nitric oxide (NO) pathway decreases early gene expression of key growth promoters of intimal hyperplasia. *Surg Forum* 1997; 48:429-431.
 10. Matsuura JH, Sobel M, Wong J, **Dattilo JB**, Poletti LF, Makhoul RG, Posner MP, Lee HM. Generalized screening tests for cardiac disease are not ideal for predicting cardiac complications after infrainguinal arterial reconstruction. *Annals of Vasc Surg* 1997; 11(6):620-625.
 11. **Dattilo JB**, Dattilo MPM, Crane JT, Yager DR, Makhoul RG. The nitric oxide precursor L-arginine reduces expression of hyaluronan synthase in experimental vein bypass grafts. *J Surg Res* 1998; 74:39-42.
 12. Poletti LF, Matsuura J, **Dattilo JB**, Posner M, Lee HM, Scouvar M, Sobel M. Should vein be saved for future operations? A 15-year review of infrainguinal bypasses and the subsequent need for autogenous vein. *Annals Vasc Surg* 1998; 12:143-147.
 13. **Dattilo JB**, Dattilo MPM, Yager DR, Makhoul RG. Hypercholesterolemia alters the gene expression of novel components of the extracellular matrix in experimental vein grafts. *Annals Vasc Surg* 1998; 12:168-173.
 14. Baghelai K, Marktanner R, **Dattilo JB**, Dattilo MPM, Yager DR, Makhoul RG, Wechsler AS. The expression of tissue inhibitor of metalloproteinase 1 (TIMP-1) in stuned myocardium. *J Surg Res* 1998; 77(1):35-39.
 15. Salour M, **Dattilo JB**, Mingloski PM, Brewer WH. Femoral vein pseudoaneurysm: uncommon complication of femoral vein puncture. *J Ultrasound Med* 1998; Sept 17(9):577-579.

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16. **Dattilo JB**, Fields CE, Baghela K, Dattilo MPM, Yager DR, Makhoul RG. Messenger RNA for tissue inhibitor of metalloproteinase 1 (TIMP-1) is actively transcribed in early experimental vein grafts. *Surg Forum* 1998; 49:302-303.
17. Fields CE, **Dattilo JB**, Dattilo MPM, Yager DR, Makhoul RG. Cholesterol increases vein graft intimal hyperplasia by differential modulation of TGF- β gene expression. *Surg Forum* 1998; 49:339-340.
18. Fields CE, Cassano AD, **Dattilo JB**, Yager DR, Graham MF, Makhoul RG. Expression of matrix metalloproteinases and their inhibitors in varicose vein smooth muscle cells. *Surg Forum* 1999; 50:447-449.
19. Fields CE, Cassano AD, **Dattilo JB**, Yelon JA, Ivatury RR, Broderick TJ. Indirect carotid-cavernous sinus fistula after shotgun injury. *J Trauma* 2000 Feb; 48(2):338-341.
20. Danetz JS, Jayawant AM, **Dattilo JB**, DeMaria EJ, Cohen NM. Intrathoracic herniation and perforation 18 years after open Nissen fundoplication. *J Laparoendosc Adv Surg Tech* 2000 Oct; 10(5):277-281.
21. Casey PJ, **Dattilo JB**, Dai G, Albert JA, Tsukurov OI, Orkin RW, Gertler JP, Abbott WM. The effect of combined arterial hemodynamics on saphenous venous endothelial nitric oxide production. *J Vasc Surg* 2001 June; 33(6):1199.
22. **Dattilo JB**, Brewster DC, Fan C-M, Geller SC, Cambria RP, LaMuraglia GM, Greenfield AJ, Lauterbach SR, Abbott, WM. Clinical failures of endovascular AAA repair: Incidence, causes and management. *J Vasc Surg.* 2002 Jun; 35(6): 1137 – 44.

Review Article

1. **Dattilo JB** and Makhoul RG. The role of nitric oxide in vascular biology and pathobiology. *Annals of Vasc Surg* 1997; 11(3):307-314.

Book Reviews

1. Makhoul RG and **Dattilo JB**. Book Review: “The basic sciences of vascular disease.” *Annals Surg* 1998; 228(1):146.
2. **Dattilo JB** and Makhoul. Book Review: “Biology of the arterial wall.” *J Vasc Surg* 2000; 32(1):410.

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Book Chapters

1. **Dattilo JB** and Makhoul RG. Peripheral vascular disease. In: Hess M. *Heart Disease in Primary Care*. Williams and Wilkins, 1998.
2. **Dattilo JB** and Brewster DC. Diseases of the Aorta. In: Rakel RE and Bope ET. *Conns Current Therapy*. Saunders 2003.

Presentations

Dattilo JB. Production of intrathoracic arterial vein grafts without cardiopulmonary bypass or shunt. JB Dattilo, RM Lust, CA Moore, YS Sun, K Dennis, WR Chitwood Jr. Presented at the *Seventh Annual Scientific Session of the Academy of Surgical Research*. Phoenix, AZ. September 1991.

Dattilo JB. Autonomic vascular reactivity of intrathoracic autologous arterial vein grafts: Comparison to peripheral grafts. JB Dattilo, RM Lust, QM Deng, YS Sun, CA Moore, WR Chitwood Jr. *77th Congress of the American College of Surgeons*; Chicago IL. October 1991.

Dattilo JB. Early changes in the endothelium and adrenergic mediated responsiveness of veins used as thoracic arterial bypass grafts. JB Dattilo, RM Lust, QM Deng, YS Sun, WR Chitwood Jr. Presented at the *41st Annual Scientific Sessions of the American College of Cardiology*; Dallas TX. April 1992.

Dattilo JB. L-Arginine increases level of nitric oxide within injured aorta independent of inducible nitric oxide synthase gene expression. JB Dattilo, MPM Dattilo, DR Yager, RG Makhoul. Presented at the *1996 Joint Annual Meeting of the North American Chapter of the International Society for Cardiovascular Surgery and the Society for Vascular Surgery*. Chicago, IL. June 1996.

Dattilo JB. Differential expression of the inducible nitric oxide synthase (iNOS) gene in human vein grafts. JB Dattilo, MPM Dattilo, JA Spratt, DR Yager, J Matsuura, DA Salter, RG Makhoul. Presented at the *82nd Congress of the American College of Surgeons*; San Francisco, CA. October, 1996.

Dattilo JB. The temporal expression of TGF- within early aortocoronary vein grafts. JB Dattilo, MPM Dattilo, FM Parker, WM Meadows, YS Sun, RG Makhoul, WR Chitwood Jr., RM Lust. Presented at the *30th Annual Meeting of the Association of Academic Surgery*. Chicago IL. November 16, 1996.

Dattilo JB. Inducible nitric oxide synthase (iNOS) expression in human vein grafts. JB Dattilo, MPM Dattilo, JA Spratt, J Matsuura, DR Yager, RG Makhoul. Presented at the *25th Annual Meeting of the Society for Clinical Vascular Surgery*. Naples, FL. March 1997.

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Dattilo JB. The NO precursor L-arginine reduces expression of hyaluronic acid synthase in experimental vein bypass grafts. JB Dattilo, MPM Dattilo, J Crane, DR Yager, RG Makhoul. Presented at the *Society for Veterans Administration Surgeons*. Louisville KY. May 1997.

Dattilo JB. Hypercholesterolemia alters the gene expression of novel components of the extracellular matrix in experimental vein grafts. JB, Dattilo, MPM.Dattilo, DR. Yager, RG. Makhoul. Presented at the *22nd Annual Meeting of the Peripheral Vascular Surgery Society*. Boston, MA. May 31, 1997.

Dattilo JB. The nitric oxide (NO) precursor L-arginine diminishes vein graft intimal hyperplasia by decreasing early gene expression of key growth promoters. JB Dattilo, MPM Dattilo, M Scouvar, KA Wolfe, DR Yager, RG Makhoul. Presented at the *1997 Joint Annual Meeting of the North American Chapter of the International Society for Cardiovascular Surgery and the Society for Vascular Surgery*. Boston, MA. June 1997.

Dattilo JB. Injury to the abdominal aorta after blunt trauma: Diagnosis and treatment. JB Dattilo, MP Posner, HM Lee, LF Poletti, M Sobel, JM Ham, RG Makhoul. Presented at the annual meeting of the *Virginia Vascular Society*. Williamsburg, VA. September 1997.

Dattilo JB. Augmentation of the L-arginine/nitric oxide (NO) pathway decreases early gene expression of key growth promoters of intimal hyperplasia. JB Dattilo, MPM Dattilo, M Scouvar, LF Poletti, DR Yager, RG Makhoul. Presented at the *83rd Congress of the American College of Surgeons*; Chicago, IL. October, 1997.

Dattilo JB. Tissue inhibitor of metalloproteinase 1 (TIMP-1) is actively transcribed in early experimental vein grafts. JB Dattilo, CE Fields, MPM Dattilo, DR Yager, RG Makhoul. Presented at the *1998 Joint Annual Meeting of the North American Chapter of the International Society for Cardiovascular Surgery and the Society for Vascular Surgery*. SanDiego, CA. June 1998.

Dattilo JB. Axillary lymph node dissection vs. sentinel lymph node biopsy in breast cancer. Presented at the *Medical College of Virginia Surgical Grand Rounds*. Richmond, VA. June 1998.

Dattilo JB. The temporal transcription of inducible nitric oxide synthase in arterializing vein grafts. JB Dattilo, CE Fields, MPM Dattilo, RG Makhoul. Presented at the *18th World Congress of the International Union of Angiology*. Tokyo, Japan. September 1998.

Dattilo JB. Messenger RNA for tissue inhibitor of metalloproteinase 1 (TIMP-1) is actively transcribed in early experimental vein grafts. JB Dattilo, CE Fields, K Baghelai, MPM Dattilo, DR Yager, RG Makhoul. Presented at the *84th Congress of the American College of Surgeons*; Orlando, FL. October, 1998.

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Dattilo JB. Are the metalloproteinases important in early vein graft intimal hyperplasia? Presented at the *Surgical Research Meeting of the South Manchester University Hospital*; Manchester, England. November, 1998.

Dattilo JB. Most AAA will be treated by endoluminal stenting in the future. Presented at the *Surgical Debate, Surgical Grand Rounds of the Medical College of Virginia*; Richmond, Virginia. January, 1999.

Dattilo JB. Do pulmonary artery catheters improve patient outcome? Presented at the *Surgical Debate, Surgical Grand Rounds of the Medical College of Virginia*; Richmond, Virginia. October, 1999.

Dattilo JB. The hemodynamic effects upon the transcription of important growth modulators of intimal hyperplasia. *Surgical Grand Rounds, Massachusetts General Hospital.* Boston, MA. May 2001.

Dattilo JB. The impact of varied hemodynamic conditions upon promoters of intimal hyperplasia. JB Dattilo, JA Albert, PJ Casey, DR Yager, EL Henderson, MC Chen, OI Tsukurov, WM Abbott. *2001 Joint Annual Meeting of the North American Chapter of the International Society for Cardiovascular Surgery and the Society for Vascular Surgery.* Baltimore, Maryland. June 2001.

Dattilo JB. Clinical Failures of Endovascular AAA Repair: Incidence, Causes, and Management. Dattilo JB, Brewster DC, Fan C-M, Geller SC, Cambria RP, LaMuraglia GM, Greenfield AJ, Lauterbach SR, Abbott WM. 28th Annual Meeting of the New England Society for Vascular Surgery. Providence, RI. September 2001.