

CURRICULUM VITAE

MAURICE M. SOLIS, M.D., FACS

CURRENT POSITION:

Professor of Surgery and Senior Associate Dean, Columbus Campus Mercer University School of Medicine

PERSONAL DATA:

Born September 7, 1959 Havana, Cuba - naturalized United States citizen - 1965 Married to Lee Asbill Johnson
- 1988

PREVIOUS POSITION:

Chief of Cardio-Thoracic Surgery Services, South Georgia Medical Center Vascular/Endovascular Surgery, SGMC Cardiovascular Institute 2409 N. Patterson Street, Suite 230 Valdosta, GA 31602 September 2014 to October 2020

Medical Director, Peripheral Vascular Services, Medical Center of Central Georgia Director of Peripheral Vascular Services, Macon Cardio Vascular Institute Macon Cardiovascular Institute 575 1st Street Macon, Georgia 31201 August 2002 – June 2014

Clinical Professor of Vascular Surgery Mercer University School of Medicine Medical Center of Central Georgia Macon, Georgia 31207 August 2002 – June 2014

Associate Professor of Surgery Division of Vascular Surgery Southern Illinois University School of Medicine Springfield, Illinois March 2001 - July 2002

Associate Professor of Surgery Chief, Division of Vascular Surgery Mercer University School of Medicine Medical Center of Central Georgia Macon, Georgia 31207 July 1992 - January 2001

Assistant Professor of Surgery Director of Undergraduate Education Mercer University School of Medicine Macon, Georgia 31207 June 1989 - June 1990

Instructor of Surgery Mercer University School of Medicine Macon, Georgia 31207 July 1988 - June 1989

EDUCATION :

FELLOWSHIP:

Endoovascular Surgery Southern Illinois University Springfield, Illinois Program Director: Kim Hodgson, M.D. November 2000 - January 2001

Fellow in Vascular Surgery Department of Surgery University of Arkansas for Medical Sciences Little Rock, Arkansas Program Director: Robert W. Barnes, M.D. July 1990 - June 1992

POSTGRADUATE:

Mecer University School of Medicine Medical Center of Central Georgia Macon, Georgia 31207 General Surgery Resident PGY1 – 4 July 1983 to June 1987 PGY5 - Chief Resident - July 1987 to June 1988 Program Director - Will C. Sealy, M.D.

GRADUATE:

Bowman Gray School of Medicine Wake Forest University Winston-Salem, North Carolina Degree: M.D. - May 1983

UNDERGRADUATE:

University of Florida, Gainesville, Florida Degree: B.S. with Honors - 1979 Major: Chemistry

LICENSES AND ACCREDITATIONS:

American Board of Surgery - Vascular Surgery – 1994; recertification 2002, 2013 General Surgery - 1989; recertification - 1998 Illinois Medical License - 2000 Georgia Medical License - 1988 National Board Diplomate - 1984 Registered Vascular Technologist - 1991

HONORS AND SOCIETIES:

Georgia Vascular Society, President, 2015 - 2016 Georgia Vascular Society, President-elect, 2014 - 2015 American Board of Vascular Surgery - oral examiner, May, 2014 American College of Surgeons - Fellow Society for Vascular Surgery – Fellow Southern Association for Vascular Surgery Will C. Sealy Surgical Society - Past President and Charter Member Alpha Omega Alpha Medical Honor Society - May 1997

HOSPITAL COMMITTEES:

Professional Practice Evaluation Committee - Medical Center of Central Georgia New Product & Technology Committee - Medical Center of Central Georgia

PUBLICATIONS:

Solis MM, Katz SI: *Surgical Treatment of Pleomorphic Carcinoma of the Pancreas;*

American Surgeon 1990; 56, 352-4 2.

Barone GW, Kahn MB, Cook M, McCowan TC, Solis MM, Thompson BW, Barnes RW, Eidt JF: *Recurrent Intracaval Renal Cell Carcinoma: The Role of Intravascular Ultrasound;* Journal of Vascular Surgery 1991;

13(4) 506-9 Cook JM, Cook JD, Solis MM, Fink LM, Eidt JF: *Thrombomodulin Activity in Saphenous Vein Grafts Prepared for Coronary Bypass;* Journal of Vascular Surgery 1991; 14(2), 147-51 Solis MM, Cook C,

Cook J, Glaser C, Light D, Morser J, Yu S, Fink L, Eidt JF: *Intravenous Recombinant Soluble Human*

Thrombomodulin Prevents Venous Thrombosis in a Rat Model; Journal of Vascular Surgery 1991; 14(5) 599-604

Eidt JF, Solis MM, Shah HR, Cook JM: *Resolution of Periaortic Fibrosis with Steroids;* Journal of Vascular Surgery 1992; 16(3), 586-7 Solis MM, Ranval TJ, Nix ML, Eidt JF, Nelson CL, Ferris EJ, Barnes RW: *Is*

Anticoagulation Indicated for Asymptomatic Postoperative Calf Vein Stenosis?; Journal of Vascular Surgery

1992; 16(3), 414-9 Solis MM, Ranval TJ, McFarland D, Eidt JF: *Surgical Treatment of Superior Mesenteric*

Artery Dissecting Aneurysm and Simultaneous Celiac Artery Compression; Annals of Vascular Surgery 1993;

7(5), 457-62 Ayoub MM, Solis MM, Rogers JJ, Dalton ML: *Through-Knee Amputation: The Operation of*

Choice for Non-Ambulatory Patients; The American Surgeon 1993; 59(9) 619-23 Solis MM, Ranval TI,

Thompson BW, Eidt JF: *The Results of Venous Thrombectomy in the Treatment of Deep Vein Thrombosis: A*

Literature Review; Surgery, Gynecology & Obstetrics 1993; Vol 177(6), 633-9 Solis MM, Cook C, Cook J, Glaser C, Light D, Morser J, Yu S, Fink L, Eidt JF: Recombinant Soluble Thrombomodulin Randomized Blind Assessment of Prevention of Venous Thrombosis and Effects on Hemostatic Parameters in a Rat Model; Thrombosis Research 1994; 73(6), 385-94 Ranval TJ, Solis MM, Dames RW, Vitti MJ, Gagne PJ, Eidt JF, Darone GW, Harshfield chaefer RF Read RC: Isolated Symptomatic Mid Cervical Stenosis of the Internal Carotid Artery; American Journal of Surgery 1994; Vol. 168, 171-4 Ackerman RJ, Vogel RL, Johnson LA, Ashley DW, Solis MM: Outcome of Surgery in Nonagenarians: Morbidity, Mortality, and Quality of Life; Journal of Family Practice 1995; 40(2) Harvey RL, Ashley DW Yates L, Dalton ML, Solis MM: Major Vascular Injury from High-Pressure Water Jet; The Journal of Trauma 1996; Vol. 40(1), 165-7 Solis MM, Johnson DD, Cobb MA, Ranval TJ, Eidt JT: A New Technique for the Creation of Long Autogenous Arterial Tissue Patches; Journal of Cardio-Vascular and Thoracic Surgery August 1996; Vol. 4(4), 509-11 Rice LT, Solis MM, Rogers JJ, Dalton ML: Surgical Clerkship Performance of Traditional and Nontraditional Students in a Problem-Based Learning Environment; American Journal of Surgery September 1996; Vol. 172, 283-5 Troum SJ, Solis MM: Mesenteric Lymphangioma Causing Bowel Obstruction in a Child; Southern Medical Journal August 1996; 89(8); 808-9 16. 17. Fannar LA, Ayoub MM, Warejcka D, Southerland S, Freeman A, Solis MM: Adhesion Formation After Intraperitoneal and Extraperitoneal Implantation of Polypropylene Mesh; American Surgeon 1998; Dec. 53(6); 382-5 Werner AM, Zunzunegui RG, Williams JT IV, White II, Solis MM: Complications of Meckel's Diverticula: Case Reports and Literature Review; Contemporary Surgery 1998; Dec. 53(6); 382-5 Werner AM, Solis MM, Vogel R, Southerland SS, Ashley AV, Floyd JC Brown C, Ashley DW: Improved Antibody Responses to Delayed Pneumococcal Vaccination in Splenectomized Rats; Am Surg 1999; Sept. 65(9); 844-7 Souza JW, Williams JT, Dalton ML, Solis MM: Schwannoma of the Cervial Symphathetic Chain It's Not a Carotid Body Tumor; Am Surg 2000; Jan. 66(1); 52-5 Lane JE, Barron TD, Solis MM, Tench DW, Stephens JE: Tuberculosis Enteritis: A Case Report; Am Surg 2000; July 66(7); 683-5 McKinney W, Ohara W, Sreeram KM, Hudson J, Solis MM: The Successful Surgical Treatment of a Paradoxical Embolus to the Carotid Bifurcation; Journal of Vascular Surgery 2001; 33(4) 880-3 Ashley DW, MD, Gamblin TC, MD, Burch ST, RN, BSN, Solis MM, MD: The Accurate Deployment of Vena Cava Filters: A Comparison of Intravascular Ultrasound and Contrast Venography; Journal of Trauma 2001; 50:975-81 Lane JE, Gamblin TC, Solis M, Barron T.: Laparoscopic orchietomy for unilateral intra abdominal testis.; Curr Surg 2002 May-Jun;59(3):333-5. Ayerdi J, MD, McLafferty RB, MD, Markwell SJ, MS, Solis MM, MD, Parra JR, MD, Gruneiro LA. MD, Ramsey DE, MD, Hodgson KJ, MD: Indications and Outcomes of Patients in Phase III Trial Versus Commercial AneuRx; Journal of Vascular Surgery 2003; Vol. 37(4); 739-43. Parra JR, Ayerdi J, McLafferty R, Gruneiro L, Ramsey D, Solis M, Hodgson K: Conformational Changes Associated with Proximal Seal Zone Failure in Abdominal Aortic Endografts; Journal of Vascular Surgery Jan. 2003; 37(1):106-11. Solis MM, Ayerdi J, Babcock GA, Parra PR, McLafferty RB, Gruniero LA, Ramsey DE, Hodgson KJ: Mechanism of Failure in the Treatment of Type II Endoleak with Percutaneous Coil Embolization; Journal of Vascular Surgery Sept. 2002; 36(3):485-91. McLafferty RB, McCrary BS, Mattos MA, Karch LA, Ramsey DE, Solis MM, Hodgson KJ: The Use of Color-Flow Duplex Scan for the Detection of Endoleaks, Journal of Vascular Surgery July 2002; 36(1):100-4 Bohannon WT, Hodgson KJ, Parra JR, Mattos MA, Karch LA, Ramsey DE, Solis MM, McLafferty RB: Endovascular Management of Iliac Limb Occlusion of Bifurcated Aortic Endografts; Journal of

Vascular Surgery Mar. 2002; 35(3):584-5. Solis MM, Mattos MA, Hodgson KJ, Karch LA, McLafferty RB: *Secondary Interventions in the Management of Endoleak*; submitted to Journal of Vascular Surgery 31. 33. Fullerton JK, McLafferty RB, Ramsey DE, Solis MS, Gruneiro LA, Hodgson KJ: *Pitfalls in achieving the Dialysis Outcome Quality Initiative (DOQI) guidelines for hemodialysis access?*; Ann Vasc Surg. 2002 Sep;16(5):613-7. Teruya TH, Ayerdi J, Solis MM, Abou-Zamzam AM, Ballard JL, McLafferty RB, Hodgson KJ: *Treatment of Type III Endoleak with an Aortouniiliac Stent Graft*; Ann Vasc Surg. 2003 Mar;17(2):123-8. Ayerdi J, McLafferty RB, Solis MM, Teruya T, Danetz JS, Parra JR, Gruneiro LA, Ramsey DE, Hodgson KJ.: *Retrograde Endovascular Hypogastric Artery Preservation (REHAP) and Aortouniiliac (AUI) Endografting in the Management of Complex Aortoiliac Aneurysms.* Ann Vasc Surg. 2003 May;17(3):329-34. Gamblin TC, Ashley DW, Burch S, Solis M.: *A prospective evaluation of a bedside technique for placement of inferior venacava filters: accuracy and limitations of intravascular ultrasound.*; Am Surg. 2003 May;69(5):382-6. Ashley DW, Gamblin TC, McCampbell BL, Kitchens DM, Dalton ML Jr, Solis MM. *dside insertion of vena cava filters in the intensive care unit using intravascular ultrasound to locate renal veins.*; J Trauma. 2004 Jul;57(1):26 31. Wellons ED, Milner R, Solis M, Levitt A, Rosenthal D.: *Stent-graft repair of traumatic thoracic aortic disruptions.*; J Vasc Surg. 2004 Dec;40(6):1095-100. Morgan JH 3rd, Wall CE Jr, Christie DB, Harvey RL, Solis MM.: *The results of superficial femoral, popliteal, and tibial artery stenting for peripheral vascular occlusive disease.*; Am Surg. 2005 Nov;71 11):905-9. Ashley DW, Mix JW, Christie B, Burton CG, Lochner FK, McCommon GW, Matoy GC, Solis MM, Donner RS, Dalton ML, Tyson CS, Newman WH.: *Removal of the OptEase retrievable vena cava filter is not feasible after extended time periods because of filter protrusion through the vena cava.*; J Trauma. 2005 Oct;59(4):847-52. Christie DB, Kang J, Ashley DW, Mix W, Lochner FK, Solis MM, Newman WH, DaltonML, Wang Z.: *Accelerated migration and proliferation of smooth muscle cells cultured from neointima induced by a vena cava filter.* Am Surg. 2006 Jun;72(6):491-6. Morgan JH 3rd. Johnson JH, Brown RB, Harvey RL, Rizzoni WE, Tyson CS, Robinson SJ, Solis MM.: *Initial experience with routine selective carotid arteriography by vascular surgeons.* Am Surg. 2006 Aug;72(8):684-6 Ramaiah V, Gammon R, Kiesz S, Cardenas J, Runyon JP, Fail P, Walker C, Allie DE, Chamberlin J, Solis M, Garcia L, Kandzari D; TALON Registry.: *Midterm outcomes from the TALON Registry: treating peripherals with SilverHawk: outcomes collection.* J Endovasc Ther. 2006 Oct;13(5):592-602 Massop D, Dave R, Metzger C, Bachinsky W, Solis M, Shah R, Schultz G, Schreiber T, Ashchi M, Hibbard R; SAPHIRE Worldwide Investigators.: *Stenting and angioplasty with protection in patients at high-risk for endarterectomy: SAPHIRE Worldwide Registry first 2,001 patients* Catheter Cardiovasc Interv. 2009 Feb 1;73(2):129-36 38.

ABSTRACTS AND MISCELLANEOUS PUBLICATIONS:

Solis M, Cook C, Light D, Morser I, Fink L, Eidt JF: *A Novel Antithrombotic: Recombinant Human Thrombomodulin Analogue Prevents Venous Thrombosis in a Rat Model.* Thrombosis and Hemostasis 1991 65(6): 899A (abstract) Ranval TJ, Bailey T, Solis MM, Harshfield D, Barnes RW: *Overestimation of Carotid Stenosis: Implications for Carotid Endarterectomy.* Stroke 1992; 23(1), 142 (abstract) Solis MM, Ranval TJ, Nix ML, Eidt JF, Nelson CL, Ferris EJ. Barnes RW *Is Anticoagulation Indicated for Asymptomatic Postoperative Calf Vein Thrombosis?*; Year Book of Vascular Surgery 1992; 16(3) 414-9 (abstract)

Solis MM, Ranval TJ, Barone GW, Eidt JF, Barnes RW: *the CASANOVA Study: Immediate Surgery vs. Delayed Surgery for Asymptomatic Moderate Carotid Artery Stenosis?*; Stroke 1992; 23(6), 917 (letter) Solis MM, Ranval TJ, Nix ML, Eidt JF, Nelson CL, Ferris EI, Barnes RW: *Is Anticoagulation Indicated for Asymptomatic Post Operative Calf Vein Thrombosis?*; Year Book of Vascular Surgery 1994; 389-90 (abstract) Barone GW, Kahn MB, Cook JM, McCowan TC, Solis MM, Thompson BW, Barnes RW, Eidt JF: *Recurrent Intracaval Renal Cell Carcinoma: The Role of Intravascular Ultrasound*; Year Book of Ultrasound 1992; 132 (abstract) Ranval TJ, Solis MM, Barnes RW, McFarland D, Harshfield D: *Radiology Case of the Month: What is the Percentage Stenosis?*; J. Ark. Med. Soc. 1992; May 88(12), 635-6 Solis MM, Cook C, Cook J, Glaser C, Light D, Morser J, Yu S, Fink L, Eidt JF: *Intravenous Recombinant Soluble Human Thrombomodulin Prevents Venous Thrombosis in a Rat Model*; Year Book of Vascular Surgery 1993; 16 (abstract) Solis MM, Ayoub MM, Rogers JJ, Ashley DW, Harvey RL, Dalton ML: *The Limitations Due to Selection Bias of Retrospective Studies of Cervical Radiography in Trauma*; Journal of Trauma 1994; 36(3) 001 (letter) 10. Christie AB, Christie DB, Nakayama DK, Solis MM: *Hepatic Artery Aneurysms: Evolution From Open to Endovascular Repair Techniques*; Am Surg. 2011 May; vol. 77(5), 608-11 (abstract)

PRESENTATIONS:

Solis MM: *Short Term Patency Rates of Femoral Popliteal Artery Bypass Grafts: PTFE vs Saphenous Vein at the MCCG*; Mercer University School of Medicine, Residents' Day of Surgery, May 1984 - Macon, Georgia

Solis MM: *Candida Sepsis*; Mercer University Symposium on Critical Care, May 1988 - Sea Island, Georgia

Solis MM: *Initial Evaluation and Treatment of the Multiple Injured Patient*; Critical Care Nursing Symposium, November 1988 - Macon, Georgia

Solis MM, Cook C, Light D, Morser J, Fink L. Eidt J: *The effects of Recombinant Human*

bomodulin in a Rat Model of Venous Thrombosis; 3rd Annual Meeting of the American Venous Forum, February

1991 - Ft. Lauderdale, Florida Solis MM; *Vascular Surgery Research Update: Carotid Endarterectomy Trials*;

Mercer University School of Medicine, Residents' Day of Surgery, May 1991 - Macon, Georgia Solis MM, Cook

C, Light D, Morser J, Fink L, Eidt J: *A Novel Anti-Thrombotic Recombinant Human Thrombomodulin Prevents*

Venous Thrombosis in a Rat Model; Arkansas Chapter of the American College of Surgeons, June 1991 - Herber

Springs, Arkansas Solis MM, Ranval TJ, Nix ML, Eidt JF, Nelson CL, Ferris EI, Barnes RW: *Is Anticoagulation*

Indicated for Asymptomatic Post Operative Calf Vein Thrombosis?; The Southern Association for Vascular

Surgery, January 1992 - St. Thomas, U.S. Virgin Islands Solis MM: *The Current Status of Carotid*

Endarterectomy in the Prevention of Stroke; Middle Georgia Surgical Update, August 1992 - Barrington Hall,

Macon, Georgia Solis MM; *Deep Vein Thrombosis in Critically Ill Patients*; Mercer University Symposium on

Critical Care, October 1992 - Jacksonville, Florida Ayoub MM, Solis MM. Rogers JJ, Dalton ML: *Through-*

Knee Amputation: The Operation of Choice for Non Rehabilitatable Patients; Georgia Chapter, American

College of Surgeons, March 1993 - Sea Island, Georgia Solis MM, Johnson DD, Cob MA, Ranval TJ, Eidt JT: *A*

New Technique for the Creation of Long Autogenous Arterial Tissue Patches; XXI World Congress, International

Society of Cardiovascular Surgery, September 1993 - Lisbon, Portugal Solis MM, Stumbo KR, Pate DW, Eidt

JF, Dalton ML: *Improved Color Duplex Imaging of Calf Veins by Intermittent Augmentation with a Plantar*

Venous Plexus Compression Pump; American Venous Forum, 6th Annual Meeting, February 1994 - Maui, Hawaii Solis MM: *Venous Thrombectomy*; Invited Speaker, Georgia Surgical Society, October 1994 - Sea Island, Georgia Solis MM: *The Diabetic Foot*; Invited Speaker. Grand Rounds, Mercer University School of Medicine, Department of Family Practice, February 1995 - Macon, Georgia Solis MM: *Update: Carotid Endarterectomy Trials*; Visiting Professor, University of Tennessee-Chattanooga, Erlanger Medical Center, February 1995 - Chattanooga, Tennessee Solis MM, Rice LT, Rogers JJ. Dalton ML: *Surgical Clerkship Performance of Traditional and Non Traditional Students in a Problem Based Learning Environment*, Association for Surgical Education, 15th Annual Meeting, May 1995 - Tucson Arizona Solis MM: *The Use of Intravascular Ultrasound in the Placement of Ve* Will C. Sealy Trauma Symposium, November 1999 - Mercer University School of Medicine Solis MM: *Embolization, Catheters, and Technique (Post Graduate Course)*; Society for Vascular Surgery/American Association for Vascular Surgery Meeting, June,2001 - Baltimore, Maryland Solis MM, Mattos MA, Hodgson KJ, Karch LA, McLafferty RB: *Secondary Interventions in the Management of Endoleak*, Midwestern Vascular Surgical Society Meeting, September 2001 - Chicago, Illinois Solis MM, Ayerdi J, Babcock GA, McLafferty RB, Gruneiro LA, Hodgson KJ: *Mechanisms of Failure in the Treatment of Type II Endo Leak by Coil Embolization*; Southern Association for Vascular Surgery Meeting, January 16-19, 2002, Miami Beach Florida Fullerton JK, McLafferty RB, Solis MM, Gruneiro LA, Ramsey DE, Hodgson KJ: *Are the Dialysis Outcome Quality Initiative Guidelines Feasible for Hemodialysis Access?*; Peripheral Vascular Surgery Society, February 1-3, 2002, Breckenridge, Colorado Parra JR, Solis MM, Gruneiro LA, Ayerdi J, Bohannon WT, Hodgson KJ: *Outcomes of Mechanical Thrombolysis Using the Angiojet Rheolytic Thrombectomy System*; Peripheral Vascular Surgery Society, February 1-3, 2002, Breckenridge, Colorado Solis MM: *Understanding the Alphabet Soup of Carotid Stent Trials (Post Graduate Course)*; Society for Vascular Surgery/American Association for Vascular Surgery Meeting, June,2002 - Boston, Massachusetts Endovascular Symposium, March 4, 2005 Live case broadcast – Endovascular AAA repair Cardiovascular Solutions, February 21-23, 2007; Macon GA Live case broadcast – Carotid stenting with embolization protection. Solis MM: *Blind Atrial conduit/HERO Graft*; Georgia Vascular Society Meeting, September 27-28, 2013, Greensboro, Georgia

BOOK CHAPTERS:

1. Ayerdi J, Solis MM, Hodgson KJ: *Balloon Angioplasty of Peripheral Arteries and Veins*. Haimovici Vascular Surgery, 5th Edition. Eds.: Ascher, Hollier, Strandness Towne, Calligaro, Kent, Moneta, Pearce & Ricotta Eidt JF, Solis MM: *Venous Thrombectomy. Peripheral Vascular Disease: Surgical and Interventional Therapy*. Editor-in-Chief: Eugene Strandness. Churchill Livingstone, Inc.1994 Solis MM, Hodgson KJ: *Chapter 14: Endoleak and Endotension: The Springfield Experience. Endoleak and Endotension: Current Consensus on Their Nature and Significance*. Eds.; Veith FJ & Baum R; Marcel Dekker, Inc , 2003

Previous Research Trials:

1. *SAPPHIRE* Worldwide Registry: Carotid Stent Trial, Primary investigator. (Sponsor – Cordis/Johnson&Johnson) 2. *Pythagoras* – Aor-fix AAA stent graft in angulated neck anatomy. Co-investigator. (Sponsor – Lombard Medical) 3. *Tigris* - Vascular Stent in the Treatment of Atherosclerotic

Lesions of the Superficial Femoral and Proximal Popliteal Arteries. Primary investigator (Sponsor- WL GORE)

4. *Excluder IBD* -Iliac Branch Endoprosthesis for the Treatment of Common Iliac Artery

aneurysms or Aorto-iliac Aneurysms. Co- investigator (Sponsor-WL GORE)