AURÉLIA THIBONNIER CALERO

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EDUCATION

- Doctor of Medicine, University of Miami, Leonard M. Miller School of Medicine, Miami, Florida. August 2005 to May 2009.
- Bachelor of Science in Biomedical Engineering, Columbia University, New York, New York. September 2001 to June 2005.

POST-GRADUATE MEDICAL EDUCATION

• Vascular Surgery 5+0 Integrated Residency, University of South Florida, Tampa, Florida. July 2009 to June 2014.

MEDICAL CERTIFICATION AND LICENSURE

- Medical License, State of Florida. Number ME 119288.
- Vascular Surgery Oral Boards, May 2015.
- Vascular Surgery Written Boards, September 2014.
- Registered Physician Vascular Interpretation, May 2014.

PROFESSIONAL AWARDS AND HONORS

- TopDocs, Tampa Bay, Venous & Lymphatic Medicine 2020
- Dean's List, Columbia University. 2005.

APPOINTMENTS

- Director of USF Comprehensive Vein Center. 2016 to present
- Assistant Professor of Surgery, Division of Vascular and Endovascular Surgery, Department of Surgery, University of South Florida, Tampa, Florida. August 2014 to present.

HOSPITAL APPOINTMENTS

• Attending Physician, Tampa General Hospital, Tampa, FL 2014 to present.

- Attending Physician, H Lee Moffitt Cancer Center, Tampa, Fl 2014 to present.
- Attending Physician, AdventHealth Tampa, Tampa, FL 2014-2017
- Attending Physician, AdventHealth Wesley Chapel, Wesley Chapel FL 2014-2017

SOCIETY MEMBERSHIPS

- Society for Vascular Surgery
- Florida Medical Association

TEACHING CONTRIBUTIONS

- BCC 7164, Surgical Care Clerkship, Tampa General Hospital. 3rd year medical student core clerkship, 2014-current
- MEL 7828 *Vascular Surgery AI* , Tampa General Hospital, 4th year medical student acting internship 2014-current
- Surgery Clerkship Observed H&P's, University of South Florida, Observation of 3rd year medical students performing H&P's and development of assessment and plan. 2019current
- General and Vascular Surgery resident and fellow clinical education, 2014- present
- SCORE Module Revision Acute Limb Ischemia, Morsani College of Medicine, University of South Florida, Tampa, FL, 2015.
- Advanced Surgical Skills Medical School Course, Morsani College of Medicine, University of South Florida, Tampa, FL, 2015.

LECTURES

- Tampa General Hospital Continuing Medical Education Series. Chronic Venous Disease. Tampa, FL, 2018.
- Tampa General Hospital Continuing Medical Education Series. Chronic Venous Disease. Tampa, FL, 2017.
- Grand Rounds, Roy H. Behnke, Department of Internal Medicine. University of South Florida, Tampa, FL 2016: Evaluation and Management of Chronic Venous Disease
- Grands Rounds, Department of Obstetrics and Gynecology, University of South Florida, Tampa FL 2016. "Interventional Approach to Venous Disease: An Introduction to the USF Comprehensive Vein Center."

UNIVERSITY AND HOSPITAL SERVICE

- Tampa General Hospital, Surgical Suites Physician Leads Group 2021-present
- Tampa General Hospital Chief of Vascular Surgery 2020-present
- Tampa General Professionalism Committee. Tampa General Hospital. 2019 to present.
- Program Clinical Competency Committee, Vascular Surgery, USF 2017-current
- USF Comprehensive Vein Center Program Director 2016-present

SERVICE-REGIONAL

- Community Vein Screening, Tampa General Hospital, Berkley Prep School, LifeHope Medical Building and Mt. Calvary Medical Clinic, 2016-2017
- Community Health Fair, Key West, FL and Little Haiti, Miami, FL 2006-2009
 St. Juan Bosco community clinic, University of Miami 2005-2009 SERVICE-INTERNATIONAL
- Medical Mission to Dominican Republic, University of Miami 2011.

QUALITY IMPROVEMENT PROJECTS

- USF Vascular Surgery Coding Book. Updated CPT codes and RVU values to allow for more accurate and timely coding. 2020
- USF Vascular Surgery Handbook. Handbook containing pre-operative and post-operative protocols, surveillance through vascular lab, treatment algorithms. 2013-current
- Anticoagulation Patient Education. Written educational information to counsel patients on risks/benefits of different anticoagulants. 2018- present
- Peri-Operative Patient Education (Venous RF ablation, VenaSeal ablation, microphlebectomy). Written educational information to counsel patients on perioperative care.

INDUSTRY SPONSPORED GRANTS

- Humacyte Inc. CLN-PRO-V006. An Assessment of Humacyte's Human Acellular Vessel in Patients Needing Renal Replacement Therapy: A Comparison of ePTFE Grafts as Conduits for Hemodialysis (HUMANITY). 03/09/2016 – present. Role: Principal Investigator.
- Vascular Therapies Inc. VT-304. A Phase 3, Randomized, Multicenter, Single-blind Controlled Study Evaluating Arteriovenous Fistula Outcomes With and Without a Perivascular Sirolimus-Eluting Collagen Implant in Subjects on Hemodialysis (The ACCESS Trial). 05/20/2016 – present. Role: Co-Investigator.
- Humacyte Inc. CLN-PRO-V007. A Phase 3 Study to Compare the Efficacy and Safety of Humacyte's Human Acellular Vessel with that of an Autologous Arteriovenous Fistula in Subjects with End-Stage Renal Disease. 09/08/2017 – present. Role: Principal Investigator.
- Humacyte Inc. CLN-PRO-V005. A Phase 2 Study for the Evaluation of Safety and Efficacy of Humacyte's Human Acellular Vessel for Vascular Replacement or Reconstruction in Patients with Life or Limb-threatening Vascular Trauma. Pending startup. Role: Principal Investigator.

PUBLICATIONS IN PEER REVIEWED JOURNALS

- Schild A, F, Gillaspie E, Perez E, A, Levy S, Livingstone J, **Thibonnier A**, Noicely K, Torna A. When an AVF Isn't Possible for HD, AV Grafts Are the Preferred Access. *J Vasc Access*. 2007:8(3);P140.
- Schild AF, Perez E, Gillaspie E, Seaver C, Livingstone J, **Thibonnier A**. Arteriovenous fistulae vs. arteriovenous grafts: a retrospective review of 1,700 consecutive vascular access cases. *J Vasc Access*. 2008;9(4):231-235.
- Calero A, Armstrong PA. Renal cell carcinoma accompanied by venous invasion and inferior vena cava thrombus: classification and operative strategies for the vascular surgeon. *Semin Vasc Surg.* 2013;26(4):219-25.
- Illig KA, Gabbard W, Calero A, Bailey C, Shames M, Armstrong P, Nelson PR. Aggressive Costoclavicular Junction Decompression in Patients with Threatened AV Access. *Ann Vasc Surg.* 2015;29(4):698-703.
- Calero A, Illig KA. Overview of aortic aneurysm management in the endovascular era. *Semin Vasc Surg*. 2016;29(1-2):3-17.
- Arhuidese IJ, Faateh M, Meshkin RS, **Calero A**, Shames M, Malas MB. Gender-Based Utilization and Outcomes of Autogenous Fistulas and Prosthetic Grafts for Hemodialysis Access. *Ann Vasc Surg.* 2020;65:196-205.

BOOK CHAPTERS

• Calero A, Illig KA. Aortic Aneurysms. In: Redmond E (ed). Vascular Disease: Biology, Medicine, and Treatment. New York: Wiley-Blackwell, in press.

ABSTRACTS AND PRESENTATIONS

- Callaghan M, Thibonnier A, Aarabi S, Chang E, Gurtner G. The Material Properties of Skin Determine Scar Phenotype. 75th Annual Meeting of the American Society of Plastic Surgeons, San Francisco, CA, 2006.
- Schild AF, Gillaspie E, Livingstone J, **Thibonnier A**. Pitfalls of Placing Artificial Grafts. 5th International Congress of the Vascular Access Society, Nice, France, 2007.
- Schild AF, Gillaspie E, Livingstone J, **Thibonnier A**. The Evolution of Vascular Anastomosis: From 1759 to the U-Clip. 5th International Congress of the Vascular Access Society, Nice, France, 2007.
- Schild AF, Gillaspie E, Livingstone J, Thibonnier A. Should all ESRD Patients Have an AV Fistula. 5th International Congress of the Vascular Access Society, Nice, France, 2007.
- Illig KA, Gabbard W, **Calero A**, Bailey C, Shames ML, Nelson PR. Aggressive Costoclavicular Junction Decompression in Patients with Threatened AV Access. Annual Meeting of Society for Vascular Surgery, Boston, MA, 2014.
- Calero A, Armstrong P, Back M, Johnson B, Moudgill N, Nelson P, Park B, Shames M, Bandyk D, Illig K. Axillobifemoral bypass in the 21st Century: Do results vary according to operating indication? 43rd Annual Meeting of the Society for Clinical Vascular Surgery, Miami, FL, 2015.

LANGUAGES

• French and Spanish