

ALFREDO REGO, M.D., Ph.D.
CURRICULUM VITAE

PERSONAL DATA

Date and Place of Birth: August 12, 1961;
Guatemala City, Guatemala

Citizenship: USA

Social Security Number: 579-08-5463

Marital Status: Married

Children: Joseph (Born 03/16/90)
Daniel (Born 04/29/94)
Jack (Born 12/18/05)

Languages: English and Spanish

Home Address: 10800 Blue Palm Street
Plantation, Florida 33324
Telephone: (954) 452-0717

Professional Offices: ***South Florida Heart & Lung Institute***

The Pavilion at Doral (Main Office)

3650 NW 82nd Avenue, Suite 208
Doral, FL 33166

Tel: 305-406-3596 Fax: 305-406-3599

Aventura Heart and Health Center

21097 NE 27th Court, Suite 580
Aventura, FL 33180

Tel: 305-936-8855 Fax: 305-406-3599

Florida Medical Center North Medical Plaza

4900 West Oakland Park Blvd., Suite 206
Fort Lauderdale, FL 33313

Tel: 954-990-7816 Fax: 954-486-7435

Contact Information: Cellular: (954) 401-9911
E-mail: arego@floridaheartandlung.com
Home: regoamd@aol.com
Web: www.southfloridaheartandlunginstitute.com

Specialty Interests: All aspects of Adult Cardiac and General Thoracic Surgery
Peripheral Vascular Surgery and Endovascular Procedures
Thoracic and Cardiac Minimally-Invasive and Robotic Surgery
Surgical Electrophysiology and Electrical Device Implantation
Pacemaker and ICD Laser Lead Extraction and Revision
Venous Disease and Venous Endovascular Surgery
Clinical Angiology, Research and Blood Conservation

CURRENT POSITION

Vice-President and Senior Partner

South Florida Heart and Lung Institute

A Private Practice Multispecialty Surgical Group and Research Institute,
Serving Miami-Dade County and Broward County, Florida

EDUCATION

- 1990 **Ph.D.** Georgetown University School of Medicine
Graduate School of Biomedical Sciences
Washington, DC
Doctorate - Cardiovascular Physiology (Honors)
Doctorate - Biophysics (Honors)
- 1984 **M.D.** Universidad de San Carlos de Guatemala
Faculty of Health and Medical Sciences
School of Medicine and Dentistry
Guatemala City, Guatemala
Doctorate - Physician and Surgeon (Honors)
- 1977 **B.S.** English American College
School of Science and Letters
Guatemala City, Guatemala
Bachelor - General Sciences and Mathematics (Honors)

POSTGRADUATE SURGICAL TRAINING

- 07/99 - 12/99 **Surgical Sub-Specialty Training**, Minimally Invasive Thoracic Surgery
Division of Cardiovascular and Thoracic Surgery, Barnes-Jewish Hospital
Washington University School of Medicine, St. Louis, MO
- 07/96 - 06/99 **Surgical Specialty Fellowship**, Cardiovascular Surgery, General Thoracic
Surgery and Thoracic Transplantation at University of Minnesota Academic
Health Center and Affiliate Hospitals, Minneapolis, MN
- 07/92 - 06/96 **Surgical Residency**, General and Vascular Surgery, Department of Surgery
The Ohio State University Hospitals, Columbus, OH
- 07/91 - 06/92 **Surgical Internship**, General Surgery, Department of Surgery
The Ohio State University Hospitals, Columbus, OH
- 01/90 - 06/90 **Surgical/Trauma Sub-Internship**, Department of Surgery,
Washington Hospital Center, Washington, DC

CLINICAL AND RESEARCH GRADUATE TRAINING

- 05/06 – 06/06 **Leadership Program** in Health Policy and Management, The Heller School of Social Policy and Management, Brandeis University, Waltham, MA
- 08/85 - 08/90 **Doctoral Research Training**, Department of Physiology and Biophysics, Georgetown University School of Medicine, Washington, DC
- 01/85 - 07/85 **Guest Researcher**, Division of Endocrinology and Reproduction Research Branch at the National Institutes of Health, Bethesda, MD
- 06/84 - 12/84 **Graduate Student**, School of Languages and Linguistics, Division of English And Foreign Languages, Georgetown University, Washington, DC
- 02/83 - 06/84 **Clinical Internship and Supervised Professional Practice**, San Juan de Dios General Hospital, University of San Carlos of Guatemala School of Medicine And Department of Public Health Guatemala City, Guatemala
- 01/82 - 06/84 **Graduate Medical Thesis Research**, Department of Pediatrics and Neonatology, San Juan de Dios General Hospital, University of San Carlos School of Medicine, Guatemala City, Guatemala

ACADEMIC APPOINTMENTS

- 04/09 - present **Clinical Assistant Professor**, Department of Surgery, Nova Southeastern University College of Osteopathic Medicine, Ft. Lauderdale, FL
- 10/08 - present **Associate Clinical Faculty**, Department of Surgery, Florida International University School of Medicine, Miami, FL
- 12/01 – 12/03 **Courtesy Clinical Faculty**, University of Florida. Health First Heart Institute at Holmes Regional Medical Center, Melbourne, FL
- 01/00 – 12/01 **Assistant Professor**, Division of Cardiovascular and Thoracic Surgery, Washington University School of Medicine, St Louis, MO
- 07/99 – 12/99 **Clinical Instructor**, Division of Cardiovascular and Thoracic Surgery, Washington University School of Medicine, St. Louis, MO
- 07/98 – 06/99 **Clinical Instructor/Junior Staff**, Cardiovascular and Thoracic Surgery, Minneapolis Veterans Administration Medical Center, Minneapolis, MN
- 07/91 – 06/96 **Clinical Instructor/House Staff**, Department of Surgery, The Ohio State University School of Medicine, Columbus, OH
- 01/91 - 06/91 **Assistant Professor**, Department of Physiology and Biophysics, Georgetown University School of Medicine, Washington, DC
- 06/87 – 12/90 **Research Associate**, Department of Physiology and Biophysics, Georgetown University School of Medicine, Washington, DC

BOARD CERTIFICATION

1998	The American Board of Surgery Certificate #43156
2012	The American Board of Surgery M.O.C. Re-certification (In progress)
2001	The American Board of Thoracic Surgery Certificate #6558
2011	The American Board of Thoracic Surgery Re-Certification #6558

PROFESSIONAL FELLOWSHIPS

American College of Surgeons (F.A.C.S.)
American College of Chest Physicians (F.C.C.P.)
American College of Cardiology (F.A.C.C.)
International College of Surgeons (F.I.C.S.)
International College of Angiology (F.I.C.A.)
American Academy of Cardiology (F.A.A.C.)
Inter-American College of Physicians and Surgeons (F.I.P.S.)

EXAMINATION AND REGISTRATION

Examination	FLEX examination presented in the State of Ohio Diplomate Federation ID #610812012; June 17, 1993 Educational Commission for Foreign Medical Graduates Certificate #392-25-8, Validation #7354D; July 18, 1990
Registration	Federal DEA BR3933935 Medicare Provider #03277X Medicaid Provider #2625903-00 UPIN #G99865 NPI #1215934435
Research	National Cancer Institute, NCI #34492 ACS Oncology Group Member ID 4828 Duke Clinical Research Institute – Participant

MEDICAL LICENSURE

Active

State of Florida Department of Health, Board of Medicine
Medical License #ME82945, issued July 17, 2001

Missouri State Board of Registration for the Healing Arts
Medical License #119527, issued July 14, 1999

Minnesota Board of Medical Practice
Medical License #39195, issued September 14, 1996

State Medical Board of Ohio
Medical License #35065756R, issued September 17, 1993

Voluntary Inactive

North Dakota State Board of Medical Examiners
Medical License #9547, issued November 23, 2003

State of Illinois Department of Professional Regulation
Medical License #036-104941, issued June 01, 2001

State of Wisconsin, Department of Regulation and Licensing
Medical License #38337, issued September 27, 1996

HOSPITAL AFFILIATION AND PRIVILEGES

07/10 – present **North Shore Medical Center**, Miami, FL
 North Shore Medical Center FMC Campus, Ft. Lauderdale, FL

12/09 – present **Kendall Regional Medical Center**, Miami, FL

04/09 – Present **Cleveland Clinic Florida**, Weston, FL

12/08 - Present **Jackson North Hospital**, North Miami, FL
 Jackson South Hospital, South Miami, FL

11/08 – Present **The Surgery Center at Doral**, Doral, FL

06/07 – Present **Hialeah Hospital**, Hialeah, Florida

03/06 – Present **Mercy Hospital**, Miami, FL

01/06 – Present **Palmetto General Hospital**, Hialeah, FL

02/06 – present **Westside Regional Hospital**, Plantation, FL

12/03 – Present **Aventura Hospital and Medical Center**, Aventura, FL

HOSPITAL AFFILIATION AND PRIVILEGES

Voluntary Inactive

12/07 – 06/09	University of Miami Hospital , Miami, FL
12/03 – 11/07	Cedars Medical Center , Miami, FL
12/01 – 12/03	Holmes Regional Medical Center , Melbourne, FL
07/99 – 12/01	Barnes-Jewish University Hospital , St. Louis, MO Christian Hospital Northeast , St. Louis, MO
07/96 – 06/99	Minneapolis Veterans Administration Medical Center , Minneapolis, MN University of Minnesota Hospitals and Clinics , Minneapolis, MN
07/91 – 06/96	The Ohio State University Hospitals , Columbus, OH Columbus Children’s Hospital , Columbus, OH Grant Medical Center , Columbus, OH

ADMINISTRATIVE APPOINTMENTS & COMMITTEES

04/12 – present	<u>Surgical Director</u> , Heart Valve Clinic and TAVR Program The Heart Institute of Florida at North Shore Medical Center, FMC Campus, Ft. Lauderdale, FL
01/11 – present	<u>Chairman</u> , Department of Cardiovascular Services at North Shore Medical Center, FMC Campus, Ft. Lauderdale, FL
01/11 – present	<u>Member</u> , Medical Staff Operations Committee for FMC North Shore Medical Center, FMC Campus, Ft. Lauderdale, FL
10/10 – present	<u>Medical Co-Director</u> Anemia Clinic and Blood Conservation Service North Shore Medical Center, FMC Campus, Ft. Lauderdale, FL
08/10 – present	<u>Medical Director</u> of The Heart Institute of Florida at North Shore Medical Center, FMC Campus, Ft. Lauderdale, FL
08/10 – present	<u>Medical Director</u> of Cardiovascular Surgery and Critical Care Unit North Shore Medical Center, FMC Campus, Ft. Lauderdale, FL
01/10 – present	<u>Medical Director</u> , The Vascular Institute at Palmetto General Hospital Hialeah, FL
03/09 – present	<u>Chief</u> , Division of Thoracic and Vascular Surgery, Department of Surgery, Palmetto General Hospital, Hialeah, FL

Administrative Appointments and Committees Continued

- 01/09 – present **Medical Director**, Vascular and Endovascular Surgery Services, Palmetto General Hospital, Hialeah, FL
- 01/07 – present **Vice-Chairman**, Department of Cardiac Surgery, Palmetto General Hospital Hialeah, FL
- 09/06 – present **Assitant Medical Director**, The Heart Institute at Palmetto General Hospital, Hialeah, FL
- 04/09 – 04/10 **Director**, Thoracic Surgery Services, Department of Surgery Cleveland Clinic Foundation, Weston, FL
- 01/05 –12/08 **Vice-Chairman**, Department of Surgery Aventura Hospital and Medical Center, Aventura, FL
- 07/05 – 03/08 **Chairman**, Cardiovascular Peer Review Committee Aventura Hospital and Medical Center, Aventura, FL
- 01/04 – 03/08 **Medical Director**, Cardiovascular Surgery Services and **Chairman**, Cardiovascular Steering Committee at Aventura Hospital and Medical Center, Aventura, FL
- 01/02 – 12/03 **Member**, Cardiovascular Care and Critical Care Committees, Holmes Regional Hospital, Melbourne, FL
- 01/02 – 12/03 **Director**, Clinical Research, Health First Heart Institute, Melbourne, FL
- 06/99 – 12/01 **Member**, Cardiovascular Care Committee, Surgical Quality Improvement Committee and Critical Care Committee, at Christian Hospital North East, St. Louis, MO
- 07/98 – 06/99 **Founding Member**, Thoracic Surgery Residents Association
- 07/98 – 06/99 **Administrative Chief Resident**, Cardiothoracic Surgery University of Minnesota, Minneapolis, MN
- 07/95 – 06/96 **Resident Representative**, Graduate Medical Education Committee Department of Surgery, Ohio State University, Columbus, OH
- 07/95 – 06/96 **Administrative Chief Resident**, Department of General Surgery, Ohio State University, Columbus, OH
- 08/88 – 08/90 **President**, Graduate Student Committee, School of Medicine Georgetown University, Washington, DC

OTHER PROFESSIONAL ACTIVITIES

- Member** Admissions Committee and Interview Panel. Herbert Wertheim College of Medicine, Florida International University, Miami, FL. 2010 - Present
- Secretary** Regional Secretary for the Southeast United States, *International College of Angiology*, Member, Council for International Organizations of Medical Sciences. 06/2009 – Present
- Member** Medical Advisory Board, *School of Perfusion, Barry University*, School of Allied Health Professions, Miami, FL. 05/2009 - Present
- Member** Medical Advisory Board, *Specialty Care Group*, Division of Cardiovascular Support Services. 01/2008 – Present
- Member** Perfusion Advisory Board, *Specialty Care Group*, National Perfusion and Cardiovascular Support Services. 01/2009 – Present
- Member** Medical Advisory Board, *Hospital Clinical Service Group*, Division of National Perfusion and Cardiovascular Support Services. 01/ 2007 – 12/2008
- Member** National Education Committee, *Thoracic Surgery Foundation for Research and Education* (TSFRE). 01/2006 – 12/2008.
- Proctor** National Proctoring Services, *St. Jude Medical, Inc.*, Heart Valve Division Cardiac Surgery. 01/2006 – 12/2008
- Faculty** *National Visiting Professor Development Program*, Clinical Lecture Program In Cardiovascular Medicine and Pharmacology. 01/2003 – 12/2008
- Consultant** Surgical Consultant for *Medical CV, Inc.*, Biomedical Engineering, Mechanical Heart Valves and Thoracic Surgery Product Line. Proctoring and Advising on New Product Development. 01/2002-12/2003
- Consultant** Medical Consultant and Member of the National Advisory Board for *Fresenius Medical Care, Extracorporeal Alliance*, National Perfusion Services and The Cardiovascular Support Initiative. 03/2004 – 06/2007
- Reviewer** *Guest Reviewer* for the following Scientific Journals:
Journal of Prostaglandins, 1985 - 1990
Transplantation Proceedings, 1987 - 1990
American Journal of Physiology, 1990 - 1992
Cardiovascular Pharmacology, 1990 – 1991
Journal of Pharmacology and Experimental Therapeutics, 1989 - 1990
Transplantation, 1990 - 1991
Annals of Thoracic Surgery 1999 - 2001
Chest, 2003 – 2006
- Lecturer** School of Nursing, Georgetown University, 1986-1988
School of Dentistry, Georgetown University, 1988-1990

PROFESSIONAL ASSOCIATIONS / MEMBERSHIP

The Society of Thoracic Surgeons
Southern Thoracic Surgical Association
Southeastern Surgical Congress
Cardiothoracic Surgery Network
American College of Surgeons
American College of Chest Physicians
American College of Cardiology
International College of Surgeons
International College of Angiology
American Academy of Cardiology
Interamerican College of Physicians and Surgeons
American Thoracic Society
Florida Medical Association
American Heart Association
American College of Phlebology
The Venous Forum of America
Heart Valve Society of America
The Society of Heart Valve Disease
Heart Rhythm Society
Florida Society of Vascular Surgery
South Florida Society of Vascular Surgery
Heart Failure Society of America
Society of Vascular Medicine
Society of Critical Care Medicine
American Board of Cardiology
American Academy of Cardiology
Society of Robotic Surgery
Lung Cancer Alliance
Clinical Robotic Surgery Association
International Association for the Study of Lung Cancer
Florida Society of Thoracic and Cardiovascular Surgeons
Thoracic Surgery Foundation for Research and Education
International Society of Minimally Invasive Cardiothoracic Surgery
International Society for Heart and Lung Transplantation
Foundation for the Advancement of Cardiothoracic Surgical Care
International Society for Cardiothoracic Surgical Critical Care
The European Association for Cardiothoracic Surgery
National Hispanic Medical Association
Heart Valve Club (Club Mitrale)
New York Academy of Science
The Robert M. Zollinger Surgical Society
The C. Walton Lillehei Surgical Society
Owen H. Wangenstein Surgical Society
Sigma Xi Scientific Research Society

HONORS AND AWARDS

America's Top Surgeons, in Cardiac, Thoracic & Vascular Surgery by Consumers' Research Council of America for Surgical Specialties Guide to America's Top Surgeons (2012)

America's Top Surgeons, in Cardiac, Thoracic & Vascular Surgery by Consumers' Research Council of America for Surgical Specialties Guide to America's Top Surgeons (2011)

Distinguished Master of the American Academy of Cardiology. Elected by the American Academy and the American Board of Cardiology on March 03, 2011.

Member, Cambridge Who's Who Registry of Healthcare Professionals. Selected for Outstanding accomplishments among Executives and Professionals in the field of Research, Medicine and Healthcare 2011.

Distinguished Fellow of the American Academy of Cardiology. Elected by the American Academy and the American Board of Cardiology on March 03, 2010.

Distinguished Member of the American Board of Cardiology. Elected by the Directors of the American Board of Cardiology on February 26, 2010

Honored Member Stanford Who's is Who Black Book of Outstanding Professionals Lifetime Member, elected March of 2010.

America's Top Surgeons, in Cardiac, Thoracic & Vascular Surgery by Consumers' Research Council of America for Surgical Specialties Guide to America's Top Surgeons (2010)

Physician Dedication Award, for Excellence in Cardiovascular Surgery Outcomes Aventura Hospital & Medical Center, Aventura, FL (2009)

America's Top Surgeons, in Cardiac, Thoracic & Vascular Surgery by Consumers' Research Council of America for Surgical Specialties Guide to America's Top Surgeons (2009)

International Who's Who of Executives, Professionals & Interpreneurs. 2009/2010 Edition of Princeton Directory (2009)

Fellow, Accepted into Fellowship by the International College of Angiology (2009)

Physician Excellence Award, for Excellence in Cardiac Surgery Services. Aventura Hospital & Medical Center , Aventura, FL (2008)

Physician Excellence Award, for Service as Vice-Chief of Dept. of Surgery. Aventura Hospital & Medical Center , Aventura, FL (2008)

America's Top Surgeons, in Cardiovascular & Thoracic Surgery by Consumers' Research Council of America for Surgical Specialties Guide to America's Top Surgeons (2008)

Fellow, Accepted into Fellowship by the American College of Phlebology (2008)

Honors and Awards Continued

Physician Dedication Award, for Excellence in Cardiovascular Outcomes.
Aventura Hospital & Medical Center , Aventura, FL (2007)

Physician of the Quarter, for Excellence and Dedication to Patient Care.
Aventura Hospital & Medical Center , Aventura, FL (2007)

Physician Dedication Award, for Outstanding Service, Leadership and Dedication.
Aventura Hospital & Medical Center, Aventura, FL (2007)

Physician of the Month, Recognizing Professionalism and Dedication to Patient Care.
Palmetto General Hospital, Hialeah, FL (03/2007)

Fellow, Accepted into Fellowship by the International College of Surgeons (2007)

America's Top Surgeons, in Cardiothoracic & Vascular Surgery by Consumers' Research
Council of America for Surgical Specialties Guide to America's Top Surgeons (2007)

Physician Dedication Award, for Outstanding Service, Leadership and Dedication.
Aventura Hospital & Medical Center, Aventura, FL (2006)

Alley-Sheridan Scholarship Award, from the Thoracic Surgery Foundation for
Research and Education in association with the Heller School for Social Policy and
Management at Brandeis University to attend the ***Executive Leadership Program
In Health Policy and Management***, Waltham, MA (2006)

Physician Dedication Award, for Outstanding Service, Leadership and Dedication.
Aventura Hospital & Medical Center, Aventura, FL (2005)

International Who's Who of Professionals. Strathmore's Directory for Outstanding
Professionals Around The World (2005)

Fellow, Accepted into Fellowship by the American College of Cardiology (2004)

Physician Dedication Award, for Outstanding Service, Leadership and Dedication.
Aventura Hospital & Medical Center, Aventura, FL (2004)

Physician Dedication Award, for the expertise, vision and dedication in creating and
implementing the Cardiac Surgery Services Program at Aventura Hospital and Medical Ctr.
Aventura Hospital & Medical Center, Aventura, FL (2004)

Fellow, Accepted into Fellowship by the American College of Chest Physicians (2003)

Who's Who in Medicine and Science. Consecutive inclusion to Strathmore's Directory of
Distinguished and Outstanding Healthcare Professionals, years 2001, 2002 and 2003

Fellow, Accepted into Fellowship by the American College of Surgery (2002)

Honors and Awards Continued

Outstanding Resident, Department of Surgery, Division of Cardiothoracic Surgery
University of Minnesota Academic Health Center, Minneapolis, MN (1999)

Educational Honors Grant, August A. Fink Memorial Scholarship for the study of
Multi-modality Approach to the Management of Malignancies of the Thorax (1998)

Outstanding Resident, Department of Surgery, The Ohio State University Hospitals and
School of Medicine, Columbus, OH (1996)

Outstanding Intern, Department of Surgery, The Ohio State University Hospitals and
School of Medicine, Columbus, OH (1992)

Honors Graduate Student, Georgetown University Graduate School of Medicine
Washington, DC (1990)

First Place Research Award, Postdoctoral Research Competition, Georgetown University
Graduate School of Medicine (1990)

First Place Research Award, Graduate Student Annual Symposium, The Porter Development
Committee of the American Physiological Society (1990)

Fellow, Accepted into Fellowship by the International college of Physicians and Surgeons (1990)

Independent Investigator Research Supplemental Grant, National Heart, Lung and
Blood Institute, National Institutes of Health (1988-1990)

First Place Research Award, Graduate Student Annual Symposium and Competition,
American Society for Experimental Biology and Medicine (1989)

Travel Fellowship Award, from the American Physiological Society and the
National Institute for Diabetes, Digestive and Kidney Diseases, NIH (1988-1989)

Doctoral Fellowship and Training Grant, from the Porter Development Committee of
The American Physiological Society (1988-1990)

Graduate Merit Scholarship, Department of Physiology and Biophysics,
Georgetown University (1987-1990)

Fulbright Honors Scholarship, granted by the McNicholas Foundation of Guatemala
through a Fulbright Foundation sponsorship for Postdoctoral studies in the field of
Medicine and Biomedical Engineering (1984-1988)

Medical School Honors Graduate, University of San Carlos of Guatemala,
Guatemala City, Guatemala (1984)

RESEARCH

Grants Received

Educational Grant, from Alley-Sheridan and the Thoracic Surgery Foundation for Research and Education in association with the Heller School for Social Policy and Management at Brandeis University, Boston, MA, awarded to attend the *Executive Leadership Program in Health Policy and Management*. Project dates 06/05/06 – 06/11/06.

Educational Grant from the August A. Fink Memorial Scholarship, Education Division. Multi-modality Approach to the Management of Malignancies of the Thorax. University of Minnesota, Division of Cardiothoracic Surgery. Minneapolis, MN. Award of \$10,000. Project dates 10/01/98 – 06/30/99

Independent Investigator Research Supplement Grant. NIH Grant # HL40069S. Development of myointimal hyperplasia after segmental grafting of the rat abdominal aorta. Role of gender and sex steroids. Georgetown University, Department of Physiology and Biophysics. Washington, DC Award of \$60,000/yr. Project dates 09/01/89 - 08/31/91.

Coauthor of the Annual Renewal of NIHHLB Program Project Grant #HL40069. Sex steroids and coronary artery disease. Department of Physiology and Biophysics at Georgetown University. PI: Peter W. Ramwell. Ph.D. Award of \$514,365/yr. Participated 09/88 - 08/90.

Grant-in-Aid, American Heart Association; DC Affiliate AHA 8502325. Role of endothelial-derived relaxing factors in systemic hypertension. Development of a new pharmacological model. Georgetown University School of Medicine, Dept. Physiology & Biophysics. Washington, DC Award of \$55,520. Project dates 07/01/88 to 06/30/90.

Minority Investigator Grant Award. The Porter Development Committee of The American Physiological Society. Vascular effects of Cyclosporin and mechanism of Cyclosporin-induced hypertension. Georgetown University School of Medicine, Dept. Physiology & Biophysics. Washington, DC Award of \$30,000/yr. Project dates 03/01/88 - 02/28/91.

Graduate Investigator Award granted by the McNicholas Foundation of Guatemala through a Fulbright Foundation sponsorship for Postdoctoral research in the field of Medicine and Biomedical Engineering. Doctorate work at Georgetown University, Washington, DC Award of \$40,000/yr. Project dates (08/01/84 – 12/31/88)

Clinical Trials

American College of Surgeons Oncology Group Z0030 (ACOSOG Z0030). Randomized trial of mediastinal lymph node sampling versus complete lymphadenectomy during pulmonary resection in the patient with N0 or N1 (less than hilar) non-small cell carcinoma.

Baxter # 5550003. Evaluation of the topical hemostatic efficacy and safety of Fibrin sealant vapor heated, solvent/detergent treated compared with currently licensed Tisseel VH Fibrin sealant in subjects undergoing cardiac surgery.

Prevent IV - Sponsor: Corgentech, Inc. A phase III, multicenter, randomized, double-blinded, placebo-controlled trial of the Ex Vivo Treatment with CGT003 of coronary vein grafts in patients undergoing coronary artery bypass graft procedures.

PRIMO CABG. A phase III randomized, parallel, double-blinded, multicenter, placebo-controlled study of the effect of Pexelizumab on all cause mortality and myocardial infarction in patients undergoing coronary artery bypass graft surgery with cardiopulmonary bypass.

Aderis Pharmaceuticals Inc. A phase II, multicenter, double-blinded, placebo-controlled, dose-finding, efficacy and safety study of the A1 adenosine receptor agonist DTI-0009 administered intravenously to patients with atrial fibrillation.

PARA-0505-071 CABG Study. A phase III, multicenter, double-blinded study of the safety and efficacy of Parecoxib/Valdecoxib and Placebo/Valdecoxib compared to Placebo for the treatment of post-surgical pain in patients undergoing coronary artery bypass grafting via median sternotomy.

BioMarin Pharmaceutical Inc. Protocol #NTL06. A phase III, multicenter, comparison study of Neutralase™ (heparinase I) to Protamine in patients undergoing coronary artery bypass grafting.

Abbott Pharmaceuticals Inc. A phase IV multicenter, randomized, double-blinded, placebo-controlled trial to evaluate the efficacy of Fenoldopam Mesylate in preserving renal function and decreasing health care resource utilization in coronary artery bypass grafting (CABG) patients.

ZymoGHenetics, Inc. A phase III, randomized, double-blind comparative study of the efficacy and safety of topical recombinant human thrombin and bovine thrombin in surgical hemostasis.

PROACT Study. Clinical Trial of the On-X Mechanical Valve Using Low Dose Anticoagulation. Sponsored by On-X Life Technologies, Inc. A multi-center, longitudinal prospective randomized study for low anticoagulation strategy with Mechanical Heart Valves (Onyx). **Active**

Edwards Life Science. Post-operative event registry with Bioprosthetic Heart Valves. **Active**

St. Jude Medical. Post-operative event registry with Bioprosthetic Heart Valves. **Active**

Cardiogenesis Corporation. A wholly-owned subsidiary of Cryolife, Inc. Post-approval Study of the PEARL 8.0 Handpiece for Transmyocardial Revascularization (TMR) with the Cardiogenesis Holmium:YAG Laser System. Study Number PLT1101.001-M. **Active**

PUBLICATIONS

Graduate Dissertations

'Detection of Early Renal Function Alterations in Children Undergoing Treatment With Aminoglycoside Antibiotics'

Department of Pediatrics San Juan de Dios General Hospital and Department of Physiology and Pathology San Carlos University of Guatemala School of Medicine

M.D. Graduation Thesis, Defended on 6/8/84 with Honors

Advisor: Carlos Cossich, M.D., F.A.A.P.

'Effects and Mechanisms of the Vascular Action of Cyclosporin A'

Georgetown University, Department of Physiology and Biophysics

Ph.D. Dissertation, Defended on 8/3/90 with Honors

Advisor: Peter W. Ramwell, Ph.D.

Books, Chapters and Reviews

Robotic Lung Cancer Surgery, The daVinci Robotic System by Alfredo Rego MD, PhD., Eric M. Toloza, MD., PhD. and Keneth Lee, MD. To be published by MWP Media (In Press)

Rego, A., Shumway, S.J., Shumway, N.E.: Cardiac Transplantation in the Elderly. Chesler, E. (Editor), *Clinical Cardiology in the Elderly*, Second Edition, Futura Publishing. Armonk, NY. 627-641 (1999).

Rego, A., Foegh, M.L. and Ramwell, P.W.: Effects of Cyclosporine in vascular reactivity and organ perfusion. In *Cyclosporine in Clinical Use*. W. Amend (Editor). World Medical Press, NY. 60-73 (1989)

Rego, A.: Relationship of Cyclosporine side effects to mode of action. *Pharmacology Reviews* 41(3):259-371, 1989

Rego, A. et al.: The role of surgical myocardial revascularization in the management of acute myocardial infarction. In preparation for publication in the 3rd Edition of Management of STEMI by Sameer Mehta, MD

Peer Reviewed Manuscripts

1. Huang, H.C., Rego, A., Vargas, R., Foegh, M.L. and Ramwell, P.W: Nitroprusside induced vascular relaxation is attenuated in organ transplanted animals treated with cyclosporine. *Transplant. Proc.* 19(4):126-130, 1987.
2. Rego, A., Vargas, R., Foegh, M.L. and Ramwell, P.W.: Effect of Cyclosporin A treatment on vascular reactivity of the rat thoracic aorta. *Transplant. Proc.* 20(3):572-577, 1988.

3. Rego, A., Vargas, R., Wroblewska, B., Foegh, M.L. and Ramwell, P.W.: Effect of Cyclosporin A on resistance vessel reactivity *Circulation* 78(4):11551-11554, 1988.
4. Rego, A., Vargas, R., Wroblewska, B., Foegh, M.L. and Ramwell, P.W.: Attenuation of vascular relaxation and cGMP responses by Cyclosporin A. *J. Pharmacol. Exp. Ther.* 252(1):165-170,1990.
5. Rego, A., Vargas, R., Suarez, K.R., Foegh, M.L. and Ramwell, P.W.: Mechanism of cyclosporine potentiation of vasoconstriction of the isolated rat mesenteric arterial bed: Role of extracellular calcium. *J. Pharmacol. Exp. Ther.* 254(3):799-808, 1990.
6. Rego, A., Vargas, R., Cathapermal, S., Kuwahara, M., Foegh, M.L. and Ramwell, P.W.: Systemic vascular effects of Cyclosporin A treatment in normotensive rats. *J. Pharmacol. Exp. Ther.*; 259(1):905-915, 1991.
7. Rego, A., Vargas, R., Thomas, G., Foegh, M.L. and Ramwell, P.W.: Mechanism of Cyclosporine-induced endothelial toxicity: Effect of L-Arginine. *Am J. Physiol* 264(3): H708-714, 1992.
8. Vargas, R., Rego, A., Wroblewska, B., Harch, J. and Ramwell, P.W.: Oestradiol inhibits smooth muscle cell proliferation of pig coronary arteries. *Br. J. Pharmacol.* 109(3):612-617, 1993.
9. Vargas, R., Delaney, J., Farhat, M., Wolfe, R., Rego, A. and Ramwell, P.W.: Effect of estradiol 17B on the pressor response of the rat mesenteric bed to noradrenaline, K⁺ and U-46619. *J. Cardiovasc. Pharmacol.* 25(2):200-206, 1995.
10. Foegh, M.L., Rego, A., Lou, H., Katz, N. and Ramwell, P.W.: Gender effects on graft myointimal hyperplasia. *Transplant. Proc.* 27(3):2070-2072, 1995.
11. Lao, N.T., Lu, H.T., Rego, A., Kosakowski, R. H., Burgess, D.J. and Hume, R.D.: Comparison of analytical methods for detection of ethylene oxide at low concentration levels. *J. Pharmacol Sci.* 84(5):647-55, 1995.
12. Vargas, R., Rego, A., Hewes, R., Farhat, M., Suarez, K.R. and Ramwell, P.W.: Estradiol effect on rate of proliferation of rat carotid artery segments: effect of gender and tamoxifen. *J. Cardiovasc. Pharmacol.* 27(4):495-499, 1996.
13. Jaklitsch, M.T. and Rego, A.: Endorsement for sparing the clavicle in the transcervical approach to the thoracic inlet. *J. Thorac. Cardiovasc. Surg.* 112(2):558-60, 1996.
14. Vargas, R., Wroblewska, B., Rego, A., Ramwell, P.W. and Foegh, M.L.: Angiopeptin inhibits smooth muscle cell proliferation in a rat carotid artery model. *J Cardiovasc. Pharmacol.* 29(2):278-83, 1997
15. Salerno, C.T., Kreykes, N.S., Rego, A., Maddaus, M.A.: Primary esophageal lymphoma: A diagnostic challenge. *Ann. Thorac. Surg.* 66(4):1418-20, 1998.
16. Rego, A. and Roley, L.: In-use barrier integrity of gloves: latex and nitrile superior to vinyl. *Am J Infect Control* 27(5):405-10, 1999.

17. Rego, A., Simsir, S.A., Shumway, S.J.: Management of acute right heart failure following combined heart and kidney transplantation: A case report. *Transplantation* 67(1):184-5, 1999.
18. Rego, A. and Shaffer, J.P.: Use of expandable metal stents for the management of post-lobectomy bronchial torsion. *Chest*, 2003.
19. Maddux, F., Dickinson, T., Rilla, D., Kamienski, R., Saha, S., Eals, F., Rego, A., et.al.: Institutional variability of intraoperative red blood cell utilization in coronary artery bypass graft surgery. *American Journal of Medical Quality* 24(5):403-411, 2009.

Scientific Abstracts and Meeting Presentations

1. Huang, H.C., Rego, A., Vargas, R., Foegh, M.L. and Ramwell, P.W.: Cyclosporin A treatment attenuates vascular relaxation in organ transplanted animals. Second International Alexis Carrell Conference, Washington, DC, March 25-27, 1987.
2. Rego, A., Vargas, R., Foegh, M.L. and Ramwell, P.W.: Cyclosporin A treatment alters vascular reactivity in the rat. Second International Congress on Cyclosporine, Washington, DC, November 4-7, 1987.
3. Rego, A., Vargas, R., Foegh, M.L. and Ramwell, P.W.: Cyclosporine-induced vascular pressor responses. *The Physiologist* 31(4):A82, 1988.
4. Rego, A.: Effect of Cyclosporin-A on resistance vessel reactivity. Implication in hypertension. Graduate Student Annual Symposium at Georgetown University, Washington D.C. August, 1988.
5. Rego, A., Vargas, R., Foegh, M.L. and Ramwell, P.W.: Effect of Cyclosporin A on the pressor responses and vascular reactivity of the rat. *Proc. Soc. Exp. Biol. Med.* 192(1):104, 1989.
6. Rego, A., Vargas, R., Wroblewska, B., Foegh, M.L. and Ramwell, P.W.: Effect of Cyclosporin A on vascular relaxation and cGMP responses. Third International Alexis Carrell Conference, Washington, DC, March 30-31, 1989.
7. Rego, A., Vargas, R., Foegh, M.L. and Ramwell, P.W.: Calcium and Cyclosporin A-induced potentiation of vascular contractility. *The Physiologist* 32(4):152, 1989.
8. Rego, A., Vargas, R., Foegh, M.L. and Ramwell, P.W.: Cellular mechanism of the vascular action of Cyclosporin A. First Place Award at the Graduate Annual Symposium of the Society for Experimental Biology and Medicine. Washington, DC, March 9, 1988.
9. Rego, A., Vargas, R., Cathapermal, S., Foegh, M.L. and Ramwell, P.W.: Cyclosporin A directly increases arterial blood pressure in the normotensive rat. *Pharmacologist* 32(3):A30, 1990.

10. Rego, A.: Mechanism of Cyclosporine-induced endothelial toxicity. Effect on vasoactive substances. Graduate Student Annual Symposium. The Porter Development Committee of the American Physiological Society, Washington D.C. August, 1990.
11. Rego, A.: Rat aortic allografts: A model for chronic vascular rejection and graft atherosclerosis. Post doctoral Research Competition, Georgetown University, Washington D.C. August, 1990.
12. Rego, A., Vargas, R., Foegh, M.L. and Ramwell, P.W.: Implication of calcium in the Cyclosporine-induced potentiation of vasoconstriction. Sixth International Symposium on the Biology of Vascular Cells. Paris, France, August 29-31, 1990.
13. Rego, A., Vargas, R., Foegh, M.L. and Ramwell P.W.: Cyclosporine-induced alterations in the control of vascular reactivity and its relationship to hypertension. Seventh International Symposium on the Biology of Vascular Cells. Milan, Italy, June 13-17, 1991.
14. Rego, A., Vargas, R., Foegh, M.L. and Ramwell, P.W.: Mechanism of Cyclosporine-induced endothelial toxicity. Role of nitric oxide, cGMP and calcium. Sixty-fourth Scientific Session of the American Heart Association Anaheim, CA. October 14, 1991. *Circulation* 84(4):II185, 1991.
15. Rego, A.: Cyclosporine-induced hypertension. A model for understanding the physiopathology of nitric oxide. Residents Conference, Society of University Surgeons, Galveston, TX. February, 1992.
16. Jaklitsch, M.T., Sechriest, V.F., Rego A., Ward, H.B., and Foker, J. E.: Twenty year experience with radical plication of the diaphragm. Thirty-third Annual Meeting of the Society of Thoracic Surgeons. San Diego, CA, February 3-5, 1998.
15. Rego, A., Kelly, R., Foker, J.: Rapid elongation of esophageal segments in esophageal atresia. Western Thoracic Surgical Society. Whistler, British Columbia, June 24-27, 1998.
16. Rego, A.: Perioperative mechanical support and alternatives to heart transplantation. Washington University Department of Surgery Grand Rounds. September 15, 1999.
17. Rego, A.: New perspectives in Myocardial Revascularization. Washington University Annual Symposium in Cardiovascular and Thoracic Surgery. St Louis, MO. September 19, 2000.
18. Rego, A.: Valvular Heart disease: A surgical update. Presented at Christian Hospital Northeast, St. Louis, MO. March 17, 2001.
19. Rego, A.: Revascularization following acute myocardial infarction. Presented at Christian Hospital Northeast, St. Louis, MO. April 20, 2002.
20. Rego, A.: Minimally invasive cardiac surgery: State of the art update. Presented at Holmes Regional Medical Center, Melbourne, FL. December 13, 2002.
21. Rego, A.: Surgical management of early stage non-small cell lung carcinoma. Presented at Holmes Regional Medical Center, Melbourne, FL. January 8, 2003.

22. Rego, A.: Coronary Revascularization without cardiopulmonary bypass. Presented at Holmes Regional Medical Center, Melbourne, FL. June 12, 2003
23. Rego, A. and Shaffer, J.P: Use of expandable metal stents for the management of post lobectomy bronchial torsion. American College of Chest Physicians. Orlando, FL, October 25-30, 2005.

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