



MANUEL OCHOA ARBOLEDA M.D

Cardiothoracic and Vascular Surgeon

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FIELDS OF INTEREST

- *Adult Cardiac Surgery*
- *Congenital Heart Surgery*
- *Thoracoscopic Procedures and Thoracic Surgery*
- *Heart Transplantation & Mechanical Circulatory Support.*
- *Peripheral Vascular Diseases*

RELATED EXPERIENCE

May 2011 to present: Department of Cardiovascular Surgery, Complejo Metropolitano CSS, Panama, Panama.

Cardiothoracic and Vascular Surgeon.

Director of the Panamenian Heart Transplant Program.

May 2011 to present: Department of Pediatrics Cardiovascular Surgery, Hospital de Especialidades Pediatricas C.S.S Panama, Panama.

Surgical Director of Congenital Cardiac Program.

April 2011 to present: Associate of Clinica Cardiovascular, Clinica Hospital San Fernando & Hospital Punta Pacifica Panama.

Cardiothoracic and Vascular Surgeon / Adults & Pediatrics Cardiac Surgery

Dec. 2009 - Dec. 2010 Regional Hospital de Chepo C.S.S. Panama

Rotating internship 2nd year, for certification

Oct. 2008 Oct. 2009 Complejo Hospitalario C.S.S Dr. Arnulfo Arias Madrid. Panama, Panama.

Rotating internship, for certification

RELATED EDUCATION

Oct 1st – Nov 1st 2013: Cardiac Transplant and Mechanical Circulatory Support, **Clinical Observation Program**, Cedars-Sinai Advanced Heart Disease Section, CSMC Beverly Hills CA.

Dic 15 2010 – Feb 15 2011: Instituto Mexicano de Seguro Social (I.M.S.S.) Hospital of Thoracic and Cardiovascular Specialties, Medical Unit of High Specialty. Monterrey, Nuevo León. México.

Training in Cardiac Surgery: Advances of Techniques in Adults and Pediatrics Cardiac Surgery & Heart Transplantation

March 2004 – March 2008: Instituto Mexicano de Seguro Social (I.M.S.S.) Hospital of Thoracic and Cardiovascular Specialties, Medical Unit of High Specialty. Monterrey, Nuevo León. México.
Fellowship of Cardiothoracic and Vascular Surgery, Adults and Pediatrics Cardiac Surgery

International Additional Training

- **C.S Mott Children’s Hospital**, (Pediatric Cardiovascular Surgery) Ann Arbor Michigan. US, May 2008
- **Texas Heart Institute at St. Luke’s Hospital**, (Cardiovascular Surgery) Houston, TX. US. April 2007

March 2002 – Feb. 2004 Instituto Mexicano de Seguro Social (I.M.S.S.) Centro Médico Nacional de Occidente Guadalajara, Jalisco. México
Resident of General Surgery e (2nd and 3rd year)

March 2001– Feb. 2002 Instituto Mexicano de Seguro Social (I.M.S.S.) Hospital General Regional No. 46. Guadalajara, Jalisco. México
Resident Of General Surgery (1st year)

1994 – 2000 *Medical School, University Autonoma of Guadalajara, Jalisco México (Degree: Medical Doctor)*

SURGICAL ACCREDITATION

- **Member of Panamenian Society of Cardiovascular & Thoracic Surgery**
- **Certified by Panamenian Transplantation Committee. (Heart Transplant)**
- **Member of Latin-American Society of Cardiovascular Surgery**
- **Member of Latin-American Society of Pediatric Cardiovascular Surgery**
- **Member of Mexican Society of Cardiac Surgery**
- **Member of World Society for Pediatric and Congenital Heart Surgery**
- **Pediatric Cardiac Surgeon for International Children’s Heart Foundation (Volunteer)**
- **Certified by Extracorporeal Life Support Organization (ELSO)**
- **Humanitarian Activities: Pediatric Cardiac Surgery in Collaboration with World Pediatric Project. (Since 2010)**

SCIENTIFIC ACTIVITIES & RESEARCH

Author: Pediatrics Congenital Heart Disease in Panama

Accepted for International Meeting Society of Neonatologist. Ag 2016 Panama City, Panama.

Award: Achieved the First Heart Transplant in Panama

March 2016 Hospital Punta Pacifica and Panamanian Ministry of Health. Panama City, Panama

Author: Surgical Alternative in the treatment of Taussig-Bing Heart and Aortic Arch Hypoplasia. (Award 1st Place scientific video session).

XXIV Annual Meeting of the Mexican Cardiac Surgery Society (SMCC) & VIII Meeting of the Latinamerican Cardiovascular & Thoracic Society. Acapulco, Mexico Apr. 8th- 11th 2015.

Author: **Surgery in Congenital Cardiac Disease.**

Presented: Conference Hospital Regional Dr. Davila Mena CSS. Panama. Oct. 24th 2014

Author: **Hybrid treatment for Complex Aortic Arch Dissection.**

Annual Meeting of Mexican Society of Cardiovascular Surgery. April 23-26 2014. Merida, Yucatan. Mexico.

Author:

-Transcatheter Aortic Valve Implantation (TAVI), subclavian approach: an alternative to HOSTILE Femoral access. (Award 1st Place scientific video session).

-Anomalous origin of the right pulmonary artery with interrupted aortic arch and aortopulmonary window: Trap-Door Technique for pulmonary anastomosis. (Scientific Session).

Annual Meeting of Mexican Society of Cardiovascular Surgery. Pto. Vallarta Jal. Mx April 3-6th 2013

Author / Lecturer: **Panamanian Congenital Heart Surgery Program**

Scientific Meeting Hospital Especialidades Pediatricas CSS Panama. January 26th 2013

Author and Lecturer: **Thoracotomy and Microneurosurgery. Surgical Treatment for Dumbell Tumor (Award 1st Place scientific video session).**

XXVI Central-America & Caribbean Meeting of Thoracic Surgery , Panamá 28 march 2012.

Lecturer: **Humanitarian Missions Trips with International Children's Heart Foundation.**

Presented: Panama South Rotary Club, Union Club, Panama, October 13, 2009.

Lecturer: **Congenital Heart Surgery: Where are we and where are we going?**

Submitted: Regional Childrens Hospital Universitario "Dr. Arturo Grullon, "Santiago, Dominican Republic August 8, 2008.

Presented: Conference of the Panamanian Society of Neonatology, Panama, July 2008

Author:

- Mediastinitis in Cardiac Surgery: Risk Factors and Experience in the Management.

- Innominate Artery Pseudoaneurysm secondary to Closed Chest Trauma (Scientific Poster)

Co-author

- Early outcomes in anatomical correction of TGA: comparison of two techniques for reconstruction of Neo-Pulmonary Trunk. (Scientific Session)

-The Cystic Lung Malformation a rare entity: *Results over the medium term.* (Scientific Session)

-REDO in Tetralogy of Fallot: *our experience.* (Scientific Session)

XVI Annual Meeting of the Mexican Cardiac Surgery Society (SMCC) Quintana Roo, México. April 2007.

Co-author: **Off-Pump coronary artery bypass grafting in a patient awake. Case Reports and Review of the literature**

Argentina Cardiovascular Journal Volumen V, N° 2, de June, July, August 2007, pages 98 - 102

Presented: XVIII Congreso de la Sociedad Española de Cirugía Torácica y Cardiovascular. Valencia, España June 2006

Author: **Aortic Coarctation, Surgical Management and Outcomes: Experience in 87 cases.**

Co-author

- Surgery of the Trachea: Cardiothoracic Surgery service (Scientific Session)**
- Surgery in Pulmonary Coccidioidomycosis: Our Integral Experience (Scientific Session)**
- Repair of the Mitral Valve: Facts and Hope (Scientific Session)**
- Surgery for congenital anomalies of the coronary arteries: Experience and current outcomes**
- Patency of the grafts in the short and medium term in CABG (Scientific Session)**
- Primary Sarcoma of diaphragm: case report and literature review (Scientific Poster)**
- Adenomatoidea Cystic Malformation: Reporting Cases (Scientific Poster)**

***Presented: I Congreso Latinoamericano de Cirugía Cardiovascular y Torácica. XV Congreso Nacional de Cirugía Cardíaca. Sociedad Latinoamericana de Cirugía Cardiovascular y Torácica. México, April 2006.*

Author/Lecturer:

- Paroxysmal Pulmonary Hypertension and complications after correction of Total Anomalous pulmonary venous connection (Scientific Session)**
- Right Atrial Myxoma in Pediatric Patient (Scientific Poster)**

Co-author.

- Surgery for left ventricular aneurysm. Experience and current results.**
- Reconstruction of Ventricle-Pulmonary Continuity with autologous tissue ("Peel procedure") to replace an extracardiac conduit: a case report**
- Complications in the intensive care unit in patients undergoing correction of atrioventricular Canal**

Presented: XIV Congreso Internacional de Cirugía Cardíaca. Monterrey, Nuevo León, México. March 2005