

TOMAS H. AYALA, MD, FACC

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PROFESSIONAL EXPERIENCE

Vohra Health Services

Staff Cardiologist September 2013 to Present
General consultative cardiology services at twelve skilled nursing facilities in central Maryland and DC suburbs. Emphasis on evidence based cardiology, geriatric care, and cost efficient integration of medical services in the post acute care setting. Responsibilities also included staff and patient education and preoperative assessments

The Heart Center of Northern Anne Arundel County, PA

Partner June 2008 to September 2013
Associate July 2006 to June 2008
General and consultative cardiology services in a private practice setting at two academic-affiliated community hospitals. Emphasis on non-invasive cardiac imaging, including transesophageal echocardiography and nuclear cardiology. Implemented practice's purchase and deployment of electronic medical records. Experience with carotid Doppler interpretation.

Mercy Medical Center

Clinical Instructor in Internal Medicine, Hospitalist Attending June 2002 to July 2003
Staff privileges with attending responsibilities on the general inpatient medicine service and outpatient medicine clinic. Provided medical consultation for other services within the hospital.

Business Health Service at Mercy Medical Center

Attending September 2002 to July 2003
Provided outpatient medical care for work related conditions for Baltimore City employees.

EDUCATION AND TRAINING

University of Maryland Medical Center, Baltimore, MD

July 2003 to July 2006

Clinical Fellow, Division of Cardiology

University of Maryland – Mercy Medical Center, Baltimore, MD

June 2002 to July 2003

Chief Resident in Internal Medicine

University of Maryland Medical Center, Baltimore, MD
Residency in Internal Medicine

June 1999 to June 2002

George Washington University School
of Medicine and Health Sciences, Washington, DC
Medical Doctor

August 1995 to May 1999

Duke University, Durham, NC
Bachelor of Science in Engineering, Biomedical and Electrical Engineering

August 1991 to May 1995

MEDICAL LICENSE AND CERTIFICATES

Certified in Nuclear Cardiology (CBNC) December 08, 2007

American Board of Internal Medicine certification, Cardiovascular Disease November 03, 2006

American Board of Internal Medicine certification, Internal Medicine August 20, 2002

Maryland Physician and Surgeon license #D58914. June 10, 2002

HOSPITAL PRIVILEGES

Baltimore Washington Medical Center, Glen Burnie, MD
Cardiology and Internal Medicine. July 2006 to present

Harbor Hospital Center, Baltimore, MD
Cardiology and Internal Medicine. July 2006 to present

PROFESSIONAL MEMBERSHIPS

American College of Cardiology, Fellow. August 2007

American Society of Nuclear Cardiology, Member January 2007

PUBLICATIONS

Ayala T. "Left ventricular systolic dysfunction" in Prasad R and Kahan S, eds. In A Page: Cardiology. Lippincott, Williams & Wilkins: Philadelphia, 2007.

Ayala T. “Ventricular Fibrillation and Sudden Cardiac Death” in Prasad R and Kahan S, eds. In A Page: Cardiology. Lippincott, Williams & Wilkins: Philadelphia, 2007.

Ayala T, Schulman S. “Pathogenesis and early management of non ST elevation acute coronary syndromes” in Kelemen M and Mattu A, eds. Emergency Cardiac Care: From Emergency Department to CCU. Cardiol Clin 2006;24(1):19-35.

Wang DJ, Dowling TC, Meadows D, Ayala T, Marshall J, Minshall S, et al. Nesiritide does not improve renal function in patients with chronic heart failure and worsening serum creatinine. Circulation 2004;110(12):1620-5.

LECTURES DELIVERED

“Tissue Doppler Imaging in the Evaluation of Cardiac Resynchronization in CHF with Normal QRS”, Cardiology Journal Club – University of Maryland Medical Center, January 10, 2006.

“Hypothyroidism induced dilated cardiomyopathy”, Cardiology Clinical Conference – University of Maryland Medical Center, December 7, 2005.

“Normal Myocardial Perfusion Imaging - Outcomes”, Nuclear Medicine Journal Club – University of Maryland Medical Center, October 31, 2005.

“Transthoracic Echocardiography in the Preoperative Evaluation of Mitral Valve Repair”, Cardiology Journal Club – University of Maryland Medical Center, July 12, 2005.

“Preoperative Cardiovascular Risk Management”, Cardiology Clinical Conference – University of Maryland Medical Center, April 20, 2005.

“Preoperative Coronary Revascularization – the CARP Trial”, Cardiology Journal Club – University of Maryland Medical Center, April 12, 2005.

“Myocardial Perfusion Imaging in the Emergency Department”, Nuclear Medicine Journal Club – University of Maryland Medical Center, April 11, 2005.

“Cardiac Allograft Vasculopathy”, Cardiology Clinical Conference – University of Maryland Medical Center, February 9, 2005.

“Prosthetic Valve Endocarditis”, Cardiology Clinical Conference – University of Maryland Medical Center, November 24, 2004.

“Surgical Ventricular Restoration for End Stage Heart Failure”, Cardiology Journal Club – University of Maryland Medical Center, October 12, 2004.

“Pacemaker Therapy after Acute Myocardial Infarction”, Cardiology Clinical Conference – University of Maryland Medical Center, September 22, 2004.

“Infective Endocarditis”, Multidisciplinary Valve Conference – University of Maryland Medical Center, September 22, 2004.

“Massive Pulmonary Embolism”, Cardiology Clinical Conference – University of Maryland Medical Center, May 19, 2004.

“Treatment of Multivessel Coronary Artery Disease with Sirolimus-Eluting Stent Implantation”, Cardiology Journal Club – University of Maryland Medical Center, May 11, 2004.

“Atrial Septal Defects”, Cardiology Clinical Conference – University of Maryland Medical Center, March 3, 2004.

“Rheumatic Heart Disease”, Multidisciplinary Valve Conference – University of Maryland Medical Center, February 25, 2004.

“A Randomized Comparison of Off-Pump and On-Pump Multivessel Coronary Artery Bypass Surgery”, Cardiology Journal Club – University of Maryland Medical Center, January 13, 2004.

“Acute Coronary Care in the Elderly”, Cardiology Clinical Conference – University of Maryland Medical Center, December 17, 2003.

“The Evolution of Graduate Medical Education”, Internal Medicine Grand Rounds – University of Maryland Medical Center, May 14, 2003.

HONORS/AWARDS

University of Maryland Medical Center:

- National Hispanic Medical Association Resident Leadership Program

George Washington University School of Medicine:

- Alpha Omega Alpha
- Jorge C. Rios Award in Internal Medicine
- Allie S. Freed Award for exceptional proficiency in preventive medicine
- Association of Pathology Chairs Pathology Honor Society

Duke University:

- Magna cum Laude, 1995
- Phi Beta Kappa
- Tau Beta Pi, Engineering Honor Society

LANGUAGES

Fluent in Spanish

References upon request.