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Faculty of Medicine and Surgery
University of Santo Tomas
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EDUCATION

University of Santo Tomas, Sampaloc, Manila

- Bachelor of Science in Medical Technology 1992
Magna Cum Laude
- Doctor of Medicine 1996
Cum Laude
- Master in Hospital Administration 2022

TEACHING EXPERIENCE

Assistant Professor, Department of Medicine, UST Faculty of Medicine and Surgery, 2013-present

CLINICAL EXPERIENCE

- Postgraduate Internship: University of Santo Tomas Hospital, May 1996-April 1997
- Residency: Internal Medicine Department of Medicine, UST Hospital 1999-2001
Chief Resident
- Fellowship: Adult Cardiology Section of Cardiology, UST Hospital 2002- 2004
Chief Fellow
- Fellowship Subspecialty: Electrophysiology and Cardiac Pacing National Heart Center, Singapore 2005- 2006

HOSPITAL/CLINIC AFFILIATIONS:

- Consultant, Internal Medicine and Cardiology, Cardiac Electrophysiology and Pacing,
University of Santo Tomas Hospital, Rm 438 New Medical Arts Bldg.
- Consultant, The Medical City Cardiovascular Center; Suite 903 Medical Arts Tower Inc. Building
- Consultant, St. Lukes Medical Center Quezon City
- Consultant, St Lukes Medical Center Global City
- Consultant, St Martin De Porres Hospital, San Juan
- Consultant, Philippine Heart Center
- Consultant, Chinese General Hospital and Medical Center

PROFESSIONAL MEMBERSHIP

Fellow, American College of Cardiology (2016-present)
Member, Asia Pacific Heart Rhythm Society
Fellow, Philippine College of Physicians
Fellow, Philippine College of Cardiology
Life Member, UST Medical Alumni Association, 1996-present
Member, Philippine Medical Association, 1997-present
Member, Quezon City Medical Society, 1997-present
Member, Filipino Chinese Medical Society Inc., 2004-present
Member, UST Medical Missions Inc., 1993-1996
Member, Association of Servier Fellows and Scholars (ASFAS), 2002-present
Member, Editorial Board, Philippine Journal of Cardiology (2015-present)

Member, Editorial Board, Journal of Medicine University of Santo Tomas JMUST (2017-present)
Member, Asia Pacific Editorial Board, Journal of Arrhythmia (2019), Asia Pacific Heart Rhythm Society
Member, Philippine Heart Association Council on Cardiopulmonary Resuscitation (2006-present)
Member, Philippine Heart Association Website Committee (2006-present)
Member, Asia Pacific Heart Rhythm Society
Member, Fellowship Training Committee, Section of Cardiology, UST Hospital (2006-present)

PROFESSIONAL ACTIVITIES

Board of Director, Philippine Heart Rhythm Society (2015-present)

Head, Arrhythmia and Electrophysiology Services and Pacemaker Clinic, UST Hospital

Editor in Chief, Philippine Journal of Cardiology (2021-present)

President, Thomasian Heart Specialists Alumni Association Inc.

Chief Resident, Department of Medicine, USTH 2001

Member, Organizing Committee, 25th Postgraduate Course – Specialty Medicine for the Non-Specialists, Jan 1999, USTH

Member, Organizing Committee, 26th Postgraduate Course – Specialty Medicine for the Non-Specialists, Jan 2002, USTH

Member, Committee on Research, USTH Department of Medicine, 2001

Member, Subcommittee on Bioethics, USTH Department of Medicine, 2001

Decury Instructor, Medicine I, USTH Department of Medicine, 2001

Instructor/ Assistant, Basic Life Support, Advanced Cardiac Life Support, Basic ECG Interpretation, Basic Auscultation, Department of Medicine, Section of Cardiology, 2002-2004

Organizing Committee, UST Medical Alumni Association in America and USTH Section of Cardiology “SAVE A HEART” In House Cardiology Mission, and “Updates in Cardiology” Postgraduate Course, April 13-16, 2004, UST

Chief Fellow, Section of Cardiology, USTH, 2004

Founding Member, Thomasian Cardiologists Alumni Association, 2004; Thomasian Heart Specialists Alumni Association Inc. 2011

Member, Organizing Committee; Co-Chair, Socials and Hospitality Committee, Philippine College of Physicians 39th Annual Convention, May 4-6, 2009, EDSA Shangri La

Immediate Past Chairman, Philippine Heart Association Council on Cardiopulmonary Resuscitation (2008-2011)

Member, Philippine Heart Association Subcommittee on Community Service (2008-2011)

Chair, Convention Website, 42nd Annual Scientific Sessions Philippine Heart Association 2011

Chair, Convention Website, 43rd Annual Scientific Sessions Philippine Heart Association 2012

Chair, Convention Website, 44TH Annual Scientific Sessions Philippine Heart Association 2013

Chair, Convention Website, 45TH Annual Scientific Sessions Philippine Heart Association 2014

Research Training Officer, Section of Cardiology, UST Hospital (2007-2012)

Past Member, Research Training Committee for Residency, Department of Medicine, UST Hospital (2008-present)

Past Member, Internship Training Committee, Department of Medicine, UST Hospital (2010- 2012)

Past Assistant Head, Internship Training Committee, Department of Medicine, UST Hospital (2011)

Past Head, Cardiovascular Telemetry Unit, The Medical City Cardiovascular Center

Member, Task Force to International Liason Committee on Resuscitation (ILCOR), Resuscitation Council of Asia

Independent reviewer, International Journal of Cardiology (2014)

Past Editor in chief, Philippine Heart Association Newsbriefs (2014)

Member, Sub-editors Committee, Editorial team, PHA NewsBriefs (2007- 2018)

Member Representative, Resuscitation Council of Asia

Chair, Website Committee, Philippine Heart Association Inc.(2014-2018)

Member, Research Committee, USTH Section of Cardiology (2008-2014)

Chairman, Department of Medical Education and Research (Graduate Medical Education), UST Hospital, 2014-2018

Director, Fellowship Training Program, Section of Cardiology, UST Hospital, 2012- 2018

Assistant Medical Director, University of Santo Tomas Hospital, 2015-2018

Acting Medical Director, University of Santo Tomas Hospital, 2018-2020

HONORS AND DISTINCTIONS

Medical Licensure Examination, 7th placer, August 1997

Philippine College of Physicians Specialty Board of Internal Medicine, January 2002

Philippine College of Cardiology Specialty Board of Adult Cardiology, April 2005

Dean's List, UST Med Tech 1989, 1990, 1991

Trainee, Med Tech Internship Program, 13th Air Force Medical Center, Clark Air Base, Pampanga, 1991

MAGNA CUM LAUDE, BS Medical Technology, 1992

Dean's List, UST Medicine, 1992-1996

University Scholar, UST Medicine, 1992-1996

3rd Place, 15th Annual Intermedical School Quiz Contest, De La Salle University, Feb. 1996

CUM LAUDE, Doctor of Medicine, UST, April 1996

MOST OUTSTANDING MEDICAL GRADUATE, USA Generics Pharma Inc., April 1996

1st Place, 1997 Interns' Annual Scientific Paper Presentation, UST April 1997

7th Placer, 1997 Medical Licensure Examination

1st Place (Best Prospective Paper), 2000 Annual Residents' Paper Presentation, Department of Medicine, UST, November 2000

1st Place (Best Prospective Paper), 2001 Annual Residents' Paper Presentation, Department of Medicine, UST, November 2001

2nd Place, 2001 Annual Philippine College of Physicians- Pfizer-Parke Davis National Medical Quiz Contest, May 2001

2002 Philippine College of Physicians-Servier MOST OUTSTANDING RESIDENT IN INTERNAL MEDICINE, awarded at the 2002 Annual Convention of the Philippine College of Physicians, May 16, 2002, Shangri-La EDSA Hotel, Manila Commencement Speaker, 2003 Commencement Exercises, Ateneo de Zamboanga High School, March 21, 2003, Zamboanga City

2nd Place, Vascular Jeopardy Quiz Contest, Philippine Heart Association Council for Stroke and Peripheral Vascular Diseases, June 27, 2003; Philippine Heart Center

2nd Place, Roche Interhospital Bedside Cardiac Auscultation Contest, August 1, 2003, Makati

University of Santo Tomas White Coat Awardee for Professional and Academic Excellence 2004, UST Hospital, December 2004

Philippine Heart Association MOST OUTSTANDING FELLOW IN CARDIOLOGY 2005, awarded during the 2005 36th Philippine Heart Association Annual Convention, May 27, 2005, EDSA Shangri La

Full Scholar, Asia Brewery Medical Specialty Scholarship Fund/ Tan Yan Kee Foundation, Subspecialty Fellowship Training in Clinical Electrophysiology and Cardiac Pacing, National Heart Centre, Singapore, June 18, 2005 to June 18, 2006

Biographee/Awardee, Marquis Who'sWho in Medicine and Healthcare 2006-2007; listed in the Marquis Who'sWho in Medicine and Healthcare International, 6th edition,

2006 Recipient of Presidential Citation Award, 40th Philippine Heart Association Annual Convention, May 29, 2009, EDSA Shangri La Recipient of 2nd Presidential Citation Award, Exemplary Performance as CPR Council Chair, 41st Philippine Heart Association Annual Convention, May 28, 2010, EDSA Shangri La

Recipient of 3rd Presidential Citation Award, Exemplary Performance as Website Co-Chair, 41st Philippine Heart Association Annual Convention, May 28, 2010, EDSA Shangri La

Recipient of 4th Presidential Citation Award, Exemplary Performance as CPR Council Chair, 42nd Philippine Heart Association Annual Convention, May 28, 2010, EDSA Shangri La

DISTINGUISHED SCIENTIST OF THE YEAR, Philippine Heart Association College Awards, May 23, 2012, Crowne Plaza Hotel, Manila

PUBLICATIONS

The Value of the APACHE II Severity of Disease Classification System as a Predictor of Outcome in Postcardiorespiratory Arrest Patients Admitted at the UST Hospital Intensive Care Unit M.F.L.Ramirez, R.Ramboyong, E.V.S.Caguioa, 2000 published in the Philippine Journal of Internal Medicine, vol 39 no. 1 Jan-Feb 2001 Abstract published in the Journal of Heart Disease, International Academy of Cardiology, vol. 2, 2001

Impedance Cardiography in Heart Failure Patients in the Intensive Care Unit: Its Value in the Detection of Left Ventricular Systolic Dysfunction and Correlation With the Echocardiogram M.F.L.Ramirez, C.Marinias, M. Yamamoto, E. Caguioa Abstract published in the Journal of the American College of Cardiology (JACC), vol. 43, no. 5, supplement A, March 3, 2004

The Post-resuscitation APACHE II Score Predicts Outcome in Post-cardiorespiratory Arrest Patients at the University of Santo Tomas Intensive Care Unit M.F.L.Ramirez, R.Ramboyong, E.V.S.Caguioa, 2000 Published in the Philippine Journal of Cardiology, vol. 32, no. 2, April-June 2004, pp 83-91

The Post-cardiorespiratory Arrest Echocardiography Variables Predict Outcome After Resuscitation J Capunitan, MFL Ramirez, E Caguioa Abstract published in Circulation, Nov. 2004

Prognostic Value of Hemodynamic Findings by Impedance Cardiography in Hypertensive Stroke M.F.L.Ramirez, R. Tibayan, C.Marinias, M. Yamamoto, E.Caguioa Full Article Published in the American Journal of Hypertension 2005, no. 18, pp 65S-72S

The Prognostic Value of Doppler Echocardiography in Post-cardiorespiratory Arrest Patients Admitted at the University of Santo Tomas Intensive Care Unit J. Capunitan, M.F.L.Ramirez, E.Caguioa Published in the Philippine Journal of Cardiology, vol.32, no.4, Oct-Dec 2004, pp 170-178

Is Left Ventricular Geometry and Function Related to the Development of Neurocardiogenic Syncope by Head Up Tilt Table Test? Orlando Bugarin, M Ramirez, E Caguioa, M Yamamoto Published in the Philippine Journal of Cardiology, vol.33, no.1, Jan-Mar 2005, pp 21-25

The Value of the Chronotropic Response and Heart Rate Recovery in the Treadmill Stress Test as Predictors of Significant Coronary Artery Disease M. Ramirez, M Abadilla, J Ang, C. Bautista et al Published in the Philippine Journal of Cardiology, vol. 33, no. 2, April-June 2005, pp 39-46 Abstract published in the International Journal of Cardiology, Volume 97, Supplement 2, 2004, pp S43-S44

The Attack of the 52 cm Lead: A Rare Case of Late Cardiac Perforation by a Passive Fixation Permanent Pacemaker Lead M. Ramirez, Ching Chi Keong, Ho Kah Leng, Teo Wee Siong Published in the International Journal of Cardiology, 115; 2007: e5-e7. available online

Value of Chronotropic Response and Heart Rate Recovery in Dobutamine Stress Echocardiography D. Lim, A. Lim, M. Ramirez, E. Caguioa Published in Santo Tomas Journal of Medicine, vol. 53, no. 2, Sept 2006, pp 51-56

Early Carotid Arteriopathy Assessed by Carotid Intima Media Thickness: A Surrogate Marker of Atherosclerotic Risk in Young Filipino Non-hypertensive Diabetic Subjects Orlando Bugarin, Elaine Cunanan, Marcellus Francis Ramirez, Maria Honolina Gomez, Eduardo Caguioa Published in Philippine Journal of Cardiology, vol. 34, no. 2, July-Dec 2006, pp 51-57, ISSN 0115-1029

Prognostic Value of Surface ECG One-Minute Heart Rate Variability (HRV) in Acute Coronary Syndrome Julie Visperas, M Ramirez, M Somera, O Bugarin, M Yamamoto, E Caguioa Published in Philippine Journal of Cardiology, vol. 35, no. 1, Jan-June 2007, pp 72-89, ISSN 0115-1029

The Value of Human Fatty Acid Binding Protein as a Marker for the Early Diagnosis of Acute Coronary Syndrome Maureen Valentin, M. Ramirez, O. Bugarin, A Malvar, M Yamamoto, E Caguioa Abstract published in International Journal of Cardiology, vol. 122, suppl. 1, 1 Dec 2007. ISSN 0167-5273 Full paper published in Philippine Journal of Cardiology, vol. 35, no. 2, July-December 2007, pp136-138, ISSN 0115-1029

The Calm After the Storm: An Encounter with Electrical Storm in a Patient with Ischemic Cardiomyopathy Maricar Somera, M Ramirez, W Tan De Guzman, E Caguioa Abstract published in International Journal of Cardiology, vol. 122, suppl. 1, 1 Dec 2007. ISSN 0167-5273

Late Recovery of Transient Complete Heart Block Secondary to Rheumatic Carditis: A Case for Watchful Waiting Rather Than Permanent Pacing R. Laguesma, C. Mendoza, M. Ramirez Abstract published in International Journal of Cardiology, vol. 122, suppl. 1, 1 Dec 2007. ISSN 0167-5273

The Effect of Combination of Angiotensin Converting Enzyme Inhibitor and Angiotensin II Receptor Blocker on the Systolic Function in Patients with Chronic Heart Failure: A Metaanalysis J Tuason, Z Lorenzo, R Yao, M Ramirez Full paper published in Philippine Journal of Cardiology, vol. 35, no. 2, July-December 2007, pp130-135,ISSN 0115-1029

Prognostic Value of Surface ECG One-Minute Heart Rate Variability (HRV) in Acute Coronary Syndrome Julie Visperas, M Ramirez, M Somera, O Bugarin, M Yamamoto, E Caguioa Abstract published in Circulation, vol. 117, no. 19, p 39

Statins for the Reduction of Post-operative Atrial Fibrillation in Patients Undergoing Coronary Artery Bypass Graft Surgery: A Meta-analysis of Randomized Controlled Trials J. Mancera, MF Ramirez Abstract published in Europace vol 11, suppl 1, ISSN 1099-5129, Feb 2009, p i48

The Effect of Angiotensin Converting Enzyme Inhibitors and Angiotensin Receptor Blockers in Suppressing Arrhythmia Recurrence in Patients with Lone Atrial Fibrillation: A Meta-analysis of Randomized Controlled Trials M. Valentin, MF Ramirez Abstract published in Europace vol 11, suppl 1, ISSN 1099-5129, Feb 2009, p i48

Severe Electrical Storm in a Patient with Amiodarone-Induced Thyrotoxicosis DR Reyes, MF Ramirez Abstract published in Europace vol 11, suppl 1, ISSN 1099-5129, Feb 2009, p i38

Rate Pressure Product, Rate Pressure Product Change, and Duke Treadmill Score in Predicting the Absence or Presence of Significant Obstructive Coronary Artery Disease in Patients with Positive Treadmill Exercise Test D Reyes, E Caguioa, N Bagsit, M Ramirez Published in Philippine Journal of Cardiology

The Destruction of Castle Wolff-Ebstein: A Case Report of Wolff Parkinson-White Syndrome in Ebstein anomaly presenting with Sudden cardiac death and managed successfully with Radiofrequency ablation Raymond dela Cruz, MD; Marcellus Francis Ramirez, MD Abstract published in Journal of Arrhythmia, vol 29, suppl 2013.10

Comparison of Outcomes of Permanent Pacemaker insertion using Right Ventricular Apex versus Right Ventricular Outflow tract septal pacing: A 5 year single center retrospective study Ritche O. Go M.D., Marcellus Francis Ramirez M.D. Abstract published in Journal of Arrhythmia, vol 29, suppl 2013.10

Cardiovascular Effects, Safety and Efficacy of Therapeutic Hypothermia in Post-Cardiac Arrest Patients J Elcano, R Ramboyong, M Ramirez, JE Palo Published in Philippine Journal of Cardiology, vol 40, No. 2, July-Dec 2012, ISSN D115-1D29

The CHADS2 and CHADSVASC Risk Stratification Systems for Stroke Risk in Atrial Fibrillation: Evaluation of their Correlation to In-Hospital Clinical Outcomes R Orteza-del Rosario, K Cosca, R Ramboyong, M Ramirez Published in Philippine Journal of Cardiology, vol 40, No. 2, July-Dec 2012, ISSN D115-1D29

Return of the Living Dead: a Unique Case of a Spontaneous Long Asystole after Torsades pointes Ventricular Tachycardia Caught on Holter in a Patient with Congenital Long QT Syndrome MB De Guzman, MF Ramirez Published in Philippine Journal of Internal Medicine

Incidence of Contrast-induced Nephropathy in Patients Undergoing Coronary Angiography: An Annual Review in A University Hospital Katherine Ann N. Tan, John Patrick F. Ona, Marcellus Francis L. Ramirez, Wilson L. Tan de Guzman Published in Journal of Medicine UST April 2018 Journal of Medicine University of Santo Tomas April 2018, doi: 10.35460/2546-1621.2017-0062

rites of passage: A UNIVERSITY HOSPITAL WHITE COAT CEREMONY - A CENTURY OLD GARMENT, A DECADES OLD TRADITION, A LIFETIME PROFESSION Marcellus Francis L. Ramirez Published in Journal of Medicine UST April 2018 Journal of Medicine University of Santo Tomas April 2018, doi: 10.35460/2546-1621.2017-0099

Health-related Quality of Life in Patients with Permanent Pacemakers at the University of Santo Tomas Hospital: A Cross-sectional Correlational Study Nadia Muljadi, Marcellus Francis Ramirez Philippine Journal of Internal Medicine vol 56, no. 3 July-Sept 2018

Anxiety and Depression in Heart Failure Patients: A Prospective Cross-sectional Study Nadia Muljadi, Francesca De Leon, Marcellus Francis Ramirez, Encarnita Ampil Philippine Journal of Internal Medicine vol. 56, no. 1 Jan-Mar 2018