UNIVERSITY OF PENNSYLVANIA HEALTH SYSTEM

Curriculum Vitae

Date: 2024

Maria Reila Molina, DNPc, MSN, CRNP, CCRN

Office Address: Division of Cardiovascular Medicine

3400 Civic Center Boulevard, 11th floor South Pavilion

Perelman Center for Advanced Medicine, Philadelphia, PA 19104

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| Education: |  | | |
|  |  |  |  |
|  | 1992 | BSN | University of City of Manila, Philippines |
|  | 2009 | MSN | Rutgers University (Acute-Critical Care) |

2021-2024 DNP Rutgers University (Doctor of Nursing Practice candidate)

Dissertation: Genomics education program evaluation

implementation science on the impact of genetics/genomic on

cardiothoracic health

Postgraduate Training:

2013 Post-Master’s Certificate in Nursing Education

University of Pennsylvania, School of Nursing

2019 Certificate in Leadership and Management

Wharton Executive Education, University of Pennsylvania

2020 Six Sigma Green Belt Certification

Rutgers Business School Executive Education

2024 Certificate in Persuasive leadership Development

Wharton Executive Education, University of Pennsylvania

Military Service:

1991-1992 Laguna Province Public Health Service, Philippines

Rural Health Services, University of City of Manila

Faculty Appointments:

2014- present Clinical Preceptor –Advanced Practice Provider

University of Pennsylvania School of Nursing

2012-2013 ANCC (American Nurses Credentialing Center)

comprise of 10 selected members from different states

Content Expert Panel: Adult-Gerontology Acute Care Nurse Practitioner

(AGACNP) Standard Setting Panel: AGACNP Certification Exam

2024 American College of Cardiology

Certified Cardiovascular Knowledge Exam for NPs and PAs (CCKE)

Standard Setting Panel-Faculty

Specialty Certification:

2005 CCRN-Certified Critical Care Registered Nurse

2009 Adult Acute Care Nurse Practitioner

2013 Adult Gerontology Acute Care Nurse Practitioner

2013 Penn Clinical Research Coordinator

2024 Certified Cardiovascular Knowledge Exam (CCKE)

Employment History:

2009-2016 NP, Cardiovascular Medicine Division

Heart Failure/Transplant

Hospital University of Pennsylvania

2016-2018 NP, Department of Surgery, Cardiac Surgery Division Cardiology Division, Department of Medicine

Hospital University of Pennsylvania

2018-present NP, Cardiovascular Medicine Division

Heart Failure/Transplant

Hospital University of Pennsylvania

Licensure:

New Jersey and Pennsylvania

Awards, Honors and Membership in Honorary Societies:

1988 - 1992 BSN Academic Scholar, University of the City of Manila, Philippines

1994 Outstanding Medical Representative, Ciba Group Companies, Philippines

2004 - 2005 Nurse Excellence in Critical Care, Our Lady of Lourdes Medical Center, Camden, NJ

2006 - 2008Clinical Nurse III (Expert), Clinical Advancement Program,

Our Lady of Lourdes Medical Center, Camden

2008 Sigma Theta Tau International

2008 Margaret Doherty Scholarship Award, Sigma Theta Tau International: Omicron Pi

Chapter, UMDNJ: University of Medicine and Dentistry of New Jersey

2009Magna Cum Laude, Rutgers University, the state University of New Jersey

2014TOP Best Research Abstract Award: International Transplant Nurses Society (ITNS)

“Cardiac Allograft Vasculopathy: An Accelerated Form of Coronary Artery Disease”

23rd ITNS Conference, Houston, Texas, September 27-29, 2014

2014 Penn Advanced Practice Providers’ (APP) Inaugural Best Clinical Practice

“March Madness Tournament Winner”: NP Heart Transplant Transitions of Care

Heart Transplant Team, Hospital of University of Pennsylvania

University of Pennsylvania Health System, APP Annual Recognition, October, 2014

2015 Transplant Nursing Excellence Award: International Transplant Nurses Society

(ITNS) 24th ITNS Conference, Chicago, June 14, 2015

2015 TOP Best Research Abstract Award: International Transplant Nurses Society (ITNS)

Right Ventricle Failure: Is it Pulmonary or Portal Hypertension? 24th ITNS Conference,

Chicago, June 14, 2015.

2015 Rutgers University Nursing Alumni Rising Star Award

Rutgers School of Nursing Alumni Association (RSONAA)

Annual RSONAA Awards, October 20, 2015, Grand Summit Hotel, NJ

2016 American Association of Nurse Practitioners State Award for Excellence in Clinical

Practice. AANP Conference, San Antonio, Texas, June 21-26, 2016

2016 TOP Best Research Abstract Award: International Transplant Nurses Society (ITNS)

“Building an Infrastructure for Interprofessional Collaborative Patient Centered

Outcomes Research,” 25th ITNS Conference, Pittsburg, PA, October 16, 2016

2016 Most Published Advanced Practitioner: University of Pennsylvania Health System

Advanced Practice Provider Annual Recognition, October 27, 2016

2017 Best Research Abstract Award: International Transplant Nurses Society (ITNS)

“Plasmapheresis and Desensitization Therapies for Solid Organ Transplantation”

26th Transplant Nursing Symposium, June 26, 2017, Lake Buena Vista, Florida

2018 Most Published Advanced Practitioner: University of Pennsylvania Health System

Advanced Practice Provider Annual Recognition, October 26, 2018

2018 TOP Best Research Abstract Award: International Transplant Nurses Society (ITNS)

“Advanced Practice Providers Role in Transitions of Care in Mechanical Circulatory

Support Devices as Bridge to Transplantation.” 27th Transplant Nursing Symposium,

Rosemont, IL, September 28-30, 2018

2019 Philippines: Canossa College Academic and Professional Leadership Award 1st time

Nurse Practitioner Awardee: San Pablo City, Laguna, Philippines February 10, 2019

Canossa College Alumni Association

2019 Penn Advanced Practice Providers’ (APP) Best Clinical Practice

“March Madness Tournament Final Winner” APP Twilight Bronchoscopy

CHAMPION (**C**ustomized bronc**H**oscopy **A**ssess**M**ent **P**rotocol **I**nitiatio**N**)

Lung Transplant and CT Surgery Team, Hospital of University of Pennsylvania

University of Pennsylvania Health System, APP Annual Recognition, October, 2019

2019 Inaugural University of Pennsylvania Health System Advanced Practice Provider

Research and Scholarship Award

2022 Service Recognition Award, Penn Transplant Institute

2022 Distinguished Alumni Award for Academic Nursing

Rutgers University

2023 Employee Spotlight 2023, Penn Transplant Institute

University of Pennsylvania

Memberships in Professional & Scientific Societies and Other Professional Activities: (Include offices held.) International:

2008- present Sigma Theta Tau International (member)

2012-2020 International Society for Heart and Lung Transplantation (member)

2013-present International Transplant Nurses Society (Program Chair 2017-2018,

Board of Directors 2019-2021, President-Elect 2021-2023, President 2023-2025)

2019-present European Society of Cardiology

2019-present European Association for Cardio Thoracic Surgery

National:

2004- present American Association of Critical Care Nurses (member)

2008- 2012 American College of Nurse Practitioners (member)

2008- present American Association of Nurse Practitioners (member)

2012-2020 **ACRP: Association of Clinical Research Professionals: Greater Philadelphia Chapter**

2012 American Nurses Credentialing Center (Adult-Gerontology Acute Care Nurse

Practitioner (AGACNP) Content Expert Panel AGACNP Certification Exam:

Standard Setting Panel

2013-2015 American Nurses Association

Cardiovascular Nursing Scope and Standards 2013-2015 work group

**2013-2020 AST: American Society of Transplantation (member)**

2015-2019 Pennsylvania Coalition of Nurse Practitioners (member)

2015-2016 American Association of Nurse Practitioners Network for Research (AANR)

Advisory Group Member: Question Procurement Program Reviews

AANP NP Sample Surveys

2016-2020 UNOS (United Network for Organ Sharing) Region 2 Educational Forum

(planning committee)

2021-present The Alliance: National Innovation Leadership (Council Member)

Leadership and Engaged Learning in Organ Donation and Transplantation

Local:

2009-present American Nurses Association: New Jersey Student Nurses Association (member)

2013-2017 International Transplant Nurses Society- Delaware Valley Chapter

(Director of Education and Professional Development)

2015 International Transplant Nurses Society-Delaware Valley Chapter (dvc)

Symposium Program Director, ITNS-dvc

April, 2015, Gift of Life, Philadelphia, PA

2013-2016 Ad hoc Member, Advanced Practice Provider (APP) Representative

Penn Nursing Research Core Council, Hospital of the University of Pennsylvania

2013-2018 UPHS Advanced Practice Providers’ Continuing Education PSNA Nurse Planner

PSNA: Pennsylvania State Nurses Association and ANCC: American Nurses

Credentialing Center, Advanced Practice Providers Education Committee

2013-2020 Lecturer of University of Pennsylvania: Accreditation Council for Graduate Medical

Education (ACGME) Core Curriculum for Heart Failure/Transplant Fellows

Perelman Center for Advanced Medicine

2017-present Lecturer of University of Pennsylvania School of Nursing Course N877 - Advanced

Clinical Concepts & Professional Role for Critical Care Advanced Practice Providers II

2022 Lecturer of University of Pennsylvania School of Nursing Course N 876 - Advanced

Clinical Concepts and Professional Role for Cardiology Advanced Practice Providers I

2022 Forum of Nurses in Advanced Practice –NJSNA (member)

Editorial Positions:

2014-2018 Manuscript reviewer Journal of Nursing and Practice

2016-2019 Abstracts and Conference Papers Reviewer ITNS: International Transplant Nurses

Society

2018- 2020 Reviewer Journal of International Society of Heart & Lung

Transplantation

Institutional Committees:

2013-2019 Member, Education Committee, Hospital University of Pennsylvania

2018-present Chair, APP Research Core Group, Hospital University of Pennsylvania

2020-2022 Co-Chair Decreasing Length of Stay Initiatives: heart Transplant Program

2020-present Member, Professional Development Committee, Hospital University of

Pennsylvania

2022 Moderator/ Speaker/ Planning Committee: Penn State of the Art Heart Failure

Symposium

Clinical Teaching and Precepting Responsibilities:

2012-2018 Clinical Nurse Practitioner Preceptor

University of Pennsylvania: School of Nursing Science

Acute Care and Family Nurse Practitioner

2014-2017 Clinical Associate Academic Support Staff

University of Pennsylvania Graduate School of Nursing

Department of Family and Community Health

2016-present Cardiothoracic Transplantation Critical Care Course, Lecturer

Penn APP Critical Care Fellowship

University of Pennsylvania School of Nursing

2020-present Cardiology Advanced Practice Providers and Cardiothoracic Surgery APPs

(Critical Care, Progressive Care APPs Educational series)

CT SICU lecture: Mechanical Circulatory Devices as Bridge to Heart

Transplantation

CICU APP Educational Series: Basics of Heart Transplant Care; Basic

immunology/immunotherapy; Opportunistic infections: Balancing infection

and rejection

Surgical Cardiothoracic APP -management and care of post-heart transplant

patien

Mentorship:

2013-present Mentored international transplant nurses for implementation science

2014-present Mentored APP colleagues for submission of conference papers and abstract presentations

2018-present Mentor/Facilitator/Chair Research Core Group: Penn Advanced Practice Provider

2023-present Chair Penn Advanced Practice Providers Professional Development Committee

Lectures by Invitation:

April 17, 2012Nursing Implications: Organ Donation and Transplantation

Our Lady of Lourdes Medical Center, Camden, New Jersey

May 22, 2012 The Joy of Embracing Interdisciplinary Research to Improve Patient

Outcomes: Integrating Basic Science and Translational Research”. University of

Pennsylvania Health System: Annual Nursing, Research, Philadelphia, PA

Nov. 14, 2012Immunobiology and Immunotherapy of Cardiac Transplant Rejection

University of Pennsylvania: Accreditation Council for Graduate Medical Education

(ACGME), Core Curriculum for Heart Failure/Transplant Fellows; Philadelphia, PA

April 18, 2013 Organ Donation and Transplantation”. Galen and Nancy Dreibelbis Auditorium;

Mount Nittany Medical Center State College, PA

July 31, 2013 Transplant Immunology and Immunotherapy”. University of Pennsylvania:

Accreditation Council for Graduate Medical Education (ACGME), Core Curriculum for

Heart Failure/Transplant Fellows; Philadelphia, PA.

May 9, 2014 Bridging the Gaps of Healthcare Disparities through Patient Outcomes Research

Hospital of the University of Pennsylvania Disparity Conference

North Carolina Central University students.

July 16, 2014Basic Transplant Immunology and Nursing Implications. Hospital of the University of

Pennsylvania: Silverstein 10; Philadelphia, PA

July 17, 2014 Essential Transplant Immunology for Cardiology Fellows. University of Pennsylvania:

Accreditation Council for Graduate Medical Education (ACGME), Core Curriculum for

Heart Failure/Transplant Fellows; Philadelphia, PA:

Oct. 17, 2014 Staying Healthy after Heart Transplant: Change in Focus of Care over Time.

Pennsylvania Chapter of the Second Chance Support Group: Penn Translational Research

Center Auditorium

Sept. 27, 2014 Cardiac Allograft Vasculopathy. 23rd International Transplant Nurses Society

Conference, Houston, Texas.

Sept. 28, 2014 Advanced Practice NP as Gatekeepers in Transplant Medicine. 23rd International

Transplant Nurses Society Conference, Houston, Texas.

Sept. 29, 2014 Cardiorenal Syndrome Bench to Bedside. 23rd International Transplant Nurses Society

Conference, Houston, Texas, September 27-29, 2014.

Sept. 29, 2014 Essential Transplant Immunology*.* 23rd International Transplant Nurses Society

Conference, Houston, Texas.

May 18, 2015  Disparities and Variability in Chronic Illness Management based

on Outcomes Research”, Hospital of the University of Pennsylvania Disparity Conference

North Carolina Central University students.

June 13, 2015 Outcomes of Combined Heart-Liver Transplant with Congestive Hepatopathy. 24th

International Transplant Nurses Society Conference, Chicago, June 13-14, 2015**.**

June 13, 2015 Step-wise Approach in writing a competitive research and clinical abstract.

24th International Transplant Nurses Society Conference, Chicago

June 14, 2015 Right Ventricle Failure: Is it Pulmonary or Portal Hypertension?

24th International Transplant Nurses Society Conference, Chicago

May 18, 2015 HUP Disparity Conference: “Disparities and Variability in Chronic Illness Management based

on Outcomes Research”, North Carolina Central University students.

Sept. 22, 2016 Cardiothoracic Transplant and Critical Care Immunology and Immunotherapy Series (lectures

at Heart and Vascular Intensive Care Unit, Coronary Care Unit, Medical Intensive Care,

Cardiac Surgery Step-Down Unit, Coronary Intermediate Care Unit, and Medical Transplant

Step-down Unit). Hospital of the University of Pennsylvania.

Oct. 14, 2016 Interpretation and Implication of Hemodynamic Values and Waveforms into Clinical Practice.

25th International Transplant Nurses Society Conference, Pittsburg, PA

Oct. 15, 2016 Antigens, Antibodies and Cross Matching Made Easy. 25th International Transplant Nurses

Society Conference, Pittsburg, PA

October 15, 2016 Triad of Symptoms and Desensitization Therapies for Antibody Mediated Rejection in Heart

Transplant. 25th International Transplant Nurses Society Conference, Pittsburg, PA

Oct. 16, 2016 Building an Infrastructure for an Interprofessional Collaborative Patient Centered Outcomes

Research. 25th International Transplant Nurses Society Conference, Pittsburg, PA

Feb. 24, 2017 Mechanical Circulatory Support: Nursing Care & Clinical Implications.

Hospital of the University of Pennsylvania, Silverstein 10.

March 3, 2017 The art of SHARING: A Nexus for Research

PCNP Professional Development Group Guest Lecturer.

Hospital of the University of Pennsylvania,Ravdin 2.

August 21, 2017 Bedside RN Role in Educating Patients for Transplantation of High Risk +HIV, +HCV

Donors. Hospital of the University of Pennsylvania, Silverstein 10th and 11th Intermediate

Surgical Unit

Aug. 22, 2017Cardiac Transplant Immunology and Immunotherapy for Cardiology Fellows”*.* University of

Pennsylvania: Accreditation Council for Graduate Medical Education (ACGME), Core

Curriculum for Heart Failure/Transplant Fellows; Philadelphia, PA

June 24, 2017 Posterior Reversible Encephalopathy Syndrome:  Differential Diagnosis on Transplant

Recipient with Seizures Associated with Calcinuerin Inhibitors Toxicity. International

Transplant Nurses Society26th Transplant Nursing Symposium, Lake Buena Vista, Florida

June 24, 2017 Implications of Transplant Immunology and Basic Pharmacokinetics in Emerging Biologic

Agents*”.* International Transplant Nurses Society26th Transplant Nursing Symposium, Lake

Vista, Florida

June 25, 2017 [APN Role in the care of patients with a Mechanical Circulatory Support (MCS) as Bridge to](https://mail.uphs.upenn.edu/owa/redir.aspx?C=wJZDFnjVK_fEqmHcn5TKO1r8adz5oqKnyePgwHwyu8cNQ7Dz6VjUCA..&URL=http%3a%2f%2fitns.planion.com%2fWeb.User%2fEvaluate%3fACCOUNT%3dITNS%26CONF%3dSYMP17%26PID%3d11707%26CKEY%3d847O6786W%26FORMID%3d17460%26FORMTYPE%3dSPKR%26SCHEDID%3d11652" \t "_blank)

[Transplantation](https://mail.uphs.upenn.edu/owa/redir.aspx?C=wJZDFnjVK_fEqmHcn5TKO1r8adz5oqKnyePgwHwyu8cNQ7Dz6VjUCA..&URL=http%3a%2f%2fitns.planion.com%2fWeb.User%2fEvaluate%3fACCOUNT%3dITNS%26CONF%3dSYMP17%26PID%3d11707%26CKEY%3d847O6786W%26FORMID%3d17460%26FORMTYPE%3dSPKR%26SCHEDID%3d11652" \t "_blank)"*.* International Transplant Nurses Society26th Transplant Nursing

Symposium, Lake Buena Vista, Florida.

June 25, 2017 [Potpourri of Opportunistic Infection in Transplantation](https://mail.uphs.upenn.edu/owa/redir.aspx?C=ndEUN3NrjjYVc3bkevXd9eiGlgxbhBD6Ppz0i3BrlFVupLLz6VjUCA..&URL=http%3a%2f%2fitns.planion.com%2fWeb.User%2fEvaluate%3fACCOUNT%3dITNS%26CONF%3dSYMP17%26PID%3d11707%26CKEY%3d847O6786W%26FORMID%3d17460%26FORMTYPE%3dSPKR%26SCHEDID%3d11654)”. International Transplant Nurses

Society26th Transplant Nursing Symposium, Lake Buena Vista, Florida

June 26, 2017 [Plasmapheresis and Desensitization Therapies for Solid Organ Transplantation](https://mail.uphs.upenn.edu/owa/redir.aspx?C=qzqZ92qG7W0tWBvjZO7ejrvTXfwBkf9bkkgBBDJoHFxupLLz6VjUCA..&URL=http%3a%2f%2fitns.planion.com%2fWeb.User%2fEvaluate%3fACCOUNT%3dITNS%26CONF%3dSYMP17%26PID%3d11707%26CKEY%3d847O6786W%26FORMID%3d17460%26FORMTYPE%3dSPKR%26SCHEDID%3d11653). International

Transplant Nurses Society26th Transplant Nursing Symposium, Lake Buena Vista, Florida

June 26, 2017 HIV Organ Policy Equity (HOPE) Act and the APN role in utilization and implementation of

HOPE Act in clinical practice. International Transplant Nurses Society26th Transplant

Nursing Symposium, Lake Buena Vista, Florida

Aug. 16, 2017 Transplant Immunology Primer for Transplant Coordinators. Hospital of the University of

Pennsylvania, 8th Floor Maloney, Philadelphia

Aug. 18, 2017 Bedside RN Hemodynamic Vigilance in Cardiac Primary Graft Dysfunction. Hospital of the

University of Pennsylvania, 5th Floor Founders, heart and Vascular Intensive Care Unit

Aug. 21, 2017Bedside RN Role in Educating Patients for Transplantation of High Risk +HIV, +HCV

Donors. Hospital of the University of Pennsylvania, Silverstein 10th and 11th Intermediate

Surgical Unit.

Aug. 22, 2017 Cardiac Transplant Immunology and Immunotherapy for Cardiology Fellows. University of

Pennsylvania: Accreditation Council for Graduate Medical Education (ACGME), Core

Curriculum for Heart Failure/Transplant Fellows; Philadelphia, PA

Sept. 7,2017 Educating Bedside Nurses and Engaging the Heart Transplant Recipients about +Hep C and

High Risk Donation, United Network for Organ Sharing, Region 2, Living Legacy

Foundation, Baltimore, Maryland

Oct. 24, 2017 Addressing National Organ Shortage through scientific innovations and novel hepatitis C

clinical trials. Advanced Practice Providers: Rapid Fire Specialty Update. Hospital of the

University of Pennsylvania, Flyers/Sixers Surgery Auditorium.

Jan. 15, 2018 Basic Heart Transplant Immunology and Immunotherapy for Cardiology Advanced Practice

Providers. Hospital of the University of Pennsylvania, Founders 10, Coronary Intermediate

Care Unit.

Jan. 21, 2018  Immunology: Balancing Infection and Rejection for Heart and Lung Transplant Patients.

Hospital of the University of Pennsylvania, Founders 5, Heart and Vascular Intensive Care

Unit.

June 28, 2018 Implications of 2016 ISHLT Workgroup on Primary Lung Graft Dysfunction. European

Transplant Nursing Symposium, Berlin, Germany

June 28, 2018 Global Incidence and Implications of Heart Primary Graft Dysfunction. European Transplant

Nursing Symposium, Berlin, Germany.

June 29, 2018 Palliativ**e** Care in Solid Organ Transplantation: Creating a Seamless Integration.

European Transplant Nursing Symposium, Berlin, Germany.

June 29, 2018 Global Implications and Perspectives of the Utilization of Mechanical Circulatory Devices as

Bridge to Transplantation. European Transplant Nursing Symposium, Berlin, Germany.

June 30, 2018 Heart Transplant Nurse Practitioners as Global Partners in Transplant Medicine.

European Transplant Nursing Symposium, Berlin, Germany.

June 30, 2018 Pre and Post Right Ventricle Optimization Strategies for Successful Bridge to Heart

Transplantation. European Transplant Nursing Symposium, Berlin, Germany.

Sept. 28, 2018 Descriptive Analysis of Utilization of an Independent Advanced Practice Provider Clinical

Practice Model in a Large Volume Heart Transplant Center. International Transplant

Nurses Society27th Transplant Nursing Symposium, Rosemont, IL

Sept. 28, 2018 Transplant Nurses Responsibility in Engaging the Public in the Utilization ‘Increased Risk

Donors.International Transplant Nurses Society27th Transplant Nursing Symposium,

Rosemont, IL

Sept. 28, 2018 Cutting Edge Contributions of Nurses in the Management of Extracorporeal Membrane

Oxygenator (ECMO) as a Bridging Strategy for Heart and Lung Transplantation.

International Transplant Nurses Society27th Transplant Nursing Symposium, Rosemont, IL

Sept. 29, 2018 Palliative Care: An Integral Component of Transplant Care. International Transplant

Nurses Society27th Transplant Nursing Symposium, Rosemont, IL.

Sept. 29, 2018 Advanced Practice Nurses as Gatekeepers in Diagnosis of Cardiac Primary Graft

Dysfunction. International Transplant Nurses Society27th Transplant Nursing Symposium,

Rosemont, IL

Sept. 29, 2018 Implications of Cannabis Use in Solid Organ Transplantation. International Transplant

Nurses Society27th Transplant Nursing Symposium, Rosemont, IL

Sept. 29, 2018 Advanced Practice Nurse Clinical Management of Adult Congenital Heart Disease.

International Transplant Nurses Society27th Transplant Nursing Symposium, Rosemont, IL

Sept. 29, 2018 Advanced Practice Nurses as Partners in Clinical Excellence in Mechanical Circulatory

Support Program.International Transplant Nurses Society27th Transplant Nursing

Symposium, Rosemont, IL

Sept. 30, 2018 2018 Immunization Updates for Solid Organ Transplantation. International Transplant

Nurses Society27th Transplant Nursing Symposium, Rosemont, IL

Sept. 30, 2018 Optimization Strategies of Right Ventricle as a Bridge to Heart Transplantation.

International Transplant Nurses Society27th Transplant Nursing Symposium, Rosemont, IL

Sept. 30, 2018 Advanced Practice Providers Role in Transitions of Care in Mechanical Circulatory

Support Devices as Bridge to Transplantation. International Transplant Nurses Society

27th Transplant Nursing Symposium, Rosemont, IL

Sept. 30, 2018 Transplant Nurses Clinical Leadership Role in Preventing Incidence of Lung Primary

Graft Dysfunction. International Transplant Nurses Society27th Transplant Nursing

Symposium, Rosemont, IL

Sept. 30, 2018 Bedside Nurses and Advanced Practice Providers Responsibility in Educating the Patients

in the Utilization of Novel Hepatitis C Clinical Trials. International Transplant Nurses

Society27th Transplant Nursing Symposium, Rosemont, IL

Dec. 7, 2018 Phases of Care in Heart Transplantation: Balancing Infection and Rejection. Advanced

Practice Provider-Critical Care Fellowship Lecture Series. Hospital of the University of

Pennsylvania. Silverstein 3 Neurosurgery Conference.

Dec. 13, 2018 Cardiology Advanced Practice Provider Service Heart Transplant Management Updates.

Hospital of the University of Pennsylvania, Founders 10, Coronary Intermediate Care Unit

Jan. 30, 2019 New UNOS Cardiac Allocation System and Implications to Clinical Practice.

Hospital of the University of Pennsylvania, Founders 5, Heart and Vascular Intensive Care

Unit.

Feb. 19, 2019 Building an Infrastructure of Interprofessional Gender Research Collaboration Symposium”

1. *Nurse Practitioners and Global Impact to Clinical Practice; (2) Interprofessional Outcomes research for quality improvement and patient safety; (3) Grooming for greatness: Balancing work and home life.*

Laguna State Polytechnic University, San Pablo City Amphitheater, Philippines.

Sponsored by Departments of Gender and Development Resource, Center Guidance Services

and Health Services. Philippines

**Feb. 23, 2019 Solid Organ Transplantation in the Philippines: Controversies and Current Issues.**

**Philippine Heart Center, Lung Center of the Philippines, and National Kidney and**

**Transplant Institute. Quezon City, Philippines.**

May 10, 2019 Passion to Publish” presented to Advanced Practice Providers- Professional Development

Series. Hospital of the University of Pennsylvania

May 24, 2019 Passion to Research- presented to Doctor of Nursing Practice Students from University of

Pennsylvania: Penn Nursing Science.

Sept. 5, 2019 UNOS CARE (Clinical Practice, Administrator, Research, Education) Collaborative Model

Fall 2019 UNOS Region 2 Educational Forum, Arlington, VA, September 5, 2019 Clinical

Application of Best Practices for Broader Sharing: OPO/Transplant Centers Administrator’s

stepwise approach to surgeons credentialing Research Update on HCV Positive Organs into

Negative Recipients Educating the donor and recipient about APOL1 Testing for Living

Donors: Pros, Cons, and genetic implications.

Oct. 5, 2019 Multidisciplinary Intraoperative Risk Stratification for Arrythmogenic Right Ventricular

Cardiomyopathy. 33rd European Association for Cardio-Thoracic Surgery EACTS Annual

Meeting, At 33rd EACTS Annual Meeting, Lisbon, Portugal.

Nov.11, 2019 Potpourri of Mixed Connective Tissue Disorders and Implications to Heart and Lung

Transplantation. International Transplant Nurses Society 28th Transplant Nursing

Symposium, Orlando, FL

Nov. 12, 2019 Photopheresis for Persistent Cellular Rejection: Is there a gender and genetic

predisposition? “At International Transplant Nurses Society 28th

Transplant Nursing Symposium, Orlando, FL

Nov. 13, 2019 Mutations of Unclassified Genetic Cardiomyopathy: Lamin A/C and Danon Disease.

International Transplant Nurses Society 28th Transplant Nursing Symposium, Orlando, FL.

May 10, 2019 Passion to Publish 2 Penn Advanced Practice Providers- Professional Development

Series. Hospital of the University of Pennsylvania

May 24, 2019 Passion to Research 2. Doctor of Nursing Practice Students from University of Pennsylvania:

Penn Nursing Science.

Feb. 1, 2020 3Ds: Drugs, Devices, and Directions. 1st MVJ International Nursing Advancement and

Scientific Conference Series. Manila, Philippines

Oct. 22, 2020 A Year in Review with Cardiothoracic Allocation System. International Transplant Nurses

Society 2020 Virtual Transplant Nursing Symposium

Oct. 23, 2020 Extracorporeal Membrane Oxygenation as a Bridge to Lung Transplantation and Survival.

International Transplant Nurses Society Virtual Transplant Nursing Symposium.

Oct. 24, 2020 Mechanical Circulatory Support Devices and Clinical Implication to UNOS Cardiac

Allocation System. International Transplant Nurses Society 2020 Virtual Transplant Nursing

Symposium.

Sept. 9, 2021 Transplant Pharmacology: Pharmocogenomics and Immunogenetics.2021International

Transplant Nurses SocietyVirtual Transplant Nursing Symposium

Sept. 12, 2021 Triad of Kearns-Sayre Syndrome (KSS): Evaluation, Treatment, and Future Direction.

2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium

Sept. 12, 2021 Mitochondrial Cardiomyopathy and Next-Generation Sequencing (NGS) of the

Mitochondrial Genome. 2021International

Transplant Nurses SocietyVirtual Transplant Nursing Symposium

Sept. 12, 2021 21st Century Cardiac Allograft Vasculopathy, Diagnosis, Prevention, and Education

2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium

Oct. 8, 2021 Advanced Practice Provider-Critical Care Fellowship Lecture Series. Hospital of the

University of Pennsylvania. Silverstein 3 Neurosurgery Conference.

Oct. 12, 2021 Unique Ability of US NP in leading Clinical Excellence and Personalized Care: History

and Outcomes” and “Innovations and Genetics in Heart Failure

Perpetual Help Medical Center, Las Pinas, Philippines

March 5, 2022 COVID-19: Pearls, Prevention, and Precautions. Community Health Education

Philippine Nurses Association of Southern New Jersey and Philadelphia, Inc

Annual Public Health Education Drive

May 4, 2022 Advancement Learning Series-Innovation Focused”. The Alliance: Advancing Organ

Donation and Transplantation. 2022 National Innovation Leadership Council Meeting.

Southwest Transplant Alliance, Dallas, Texas

May 17, 2022 Cardiovascular Medicine Advanced Practice Provider Transitions of Care for COVID-19

Patients: From Critical Illness to Outpatient Telemedicine”. Global Congress in Integrated

Healthcare, Ishtar Dead Sea, Jordan (hybrid-virtual)

## June 24, 2022 Cardiogenetics and Gene Editing”. New York American College of Cardiology: 14th Annual

## CVT Symposium New York Academy of Medicine, CVT Symposium, Dissection Workshop

## & Summer Soirée Hosted by the New York State Chapter of the American College of

## Cardiology and the New York Cardiological Society, in association with the New

## York Cardiac Center.

July 22, 2022 Immunogenicity and Therapeutic Monoclonal Antibodies for Advanced Heart Failure and

Cardiac Transplant: Preliminary Data. 2022 Global Congress on Pharmaceutical Sciences

and Clinical Research. Osaka, Japan. (hybrid-virtual)

Sept. 26, 20222 Advanced Practice Provider Week: Interesting Case Presentation “Familial

Hypercholesterolemia- Cascade Screening” University of Pennsylvania Health System

Sept. 28, 2022 Heart Transplant 101: University of Pennsylvania School of Nursing Course N877 (Advanced

Clinical Concepts & Professional Role for Critical Care Advanced Practice Providers II)

Oct. 21, 2022 Gene Addition and Editing in 21st century. 30th International Nurses Society Conference,

Chicago, Illinois.

Oct. 22, 2022 Advanced Heart Failure and Human Leukocyte Antigen Consideration for Heart Transplant

University of Pennsylvania: Penn State of the Art Heart Failure Symposium

January 21, 2023 Genomics, the Universal Code of Humanity

Association of Higher Education Multidisciplinary Researchers Inc (AHEdMRI)

Beijing and Shanghai, China, and the Philippines

February 20, 2023 Basic Pharmacogenomics and Immunogenetics

2nd International Conference on Healthcare Summit

Goa, India

March 17, 2023 Advocacy, Leadership and Innovation to Promote Empowerment, Health, and Healing

International Council of Women, United Nations, NY, USA

May 18, 2023 Solid Organ Disparities and Inequities in the Philippines

National Kidney and Transplant Institute, Quezon City, Philippines

40th year of Excellence in Renal Car and Organ Transplantation

June 8, 2023 Impact and Influence of Cardiovascular Genetic Testing

Swiss Implementation Science, Basel, Switzerland

September 20.2023 Genomics Evidence-Based Practice around the World

Penn Advanced Practice Providers- Grand Rounds

University of Pennsylvania Healthcare System

September 26, 2023 Artificial Intelligence, Big Data and Computer Vision Technology

The Alliance: Innovation and Advancement Learning Series

Alliance Organ Donation and Transplantation

Oct. 14, 2023 Reducing Advanced Practice Providers Turnover. 31st International Nurses Society

Conference, Dallas, Texas

Oct. 15, 2023 “Immuno Bill for All” and impacts on the “Iron Triangle”. 31st International Nurses Society

Conference, Dallas, Texas

Oct. 20, 2023 INSPIRE Genomics Implementation Science

Penn Advanced Practice Providers- Grand Rounds

University of Pennsylvania Healthcare System

Posters:

June 18, 2014 Nesiritide Renoprotective Properties in Post-Op Cardiac Surgical Patients with Acute Kidney

Injury. American Association of Nurse Practitioners National Conference, Nashville, TN

June 19, 2014 Outcomes in Patients with Advanced Cardiac Cirrhosis Requiring Combined Heart-Liver

Transplantation.American Association of Nurse Practitioners Conference, Nashville, TN

March 21, 2015 CAV and Vascular Inflammation as Predictors of Cardiac Related Death in Cardiac Allograft

Recipients: An Autopsy Series. 104th Annual Meeting United States & Canadian Academy of

Pathology, Boston, MA

June 11, 2015 Advanced Practice Providers Relationship-Centered Clinical Practice Model. American

Association of Nurse Practitioners National Conference, New Orleans, Louisiana

June 10, 2015 Risk Stratification Strategies in Preventing Transplant Atherosclerosis.American Association of

Nurse Practitioners National Conference, New Orleans, Louisiana.

June 12, 2015 Understanding the Physiology and Significance of the Right Ventricle. American Association of

Nurse Practitioners National Conference, New Orleans, Louisiana.

June 13, 2015Step-wise Approach in writing a competitive research and clinical abstract*.*24th International

Nurses Society Conference, Chicago

Sept. 29, 2015 Use of Basiliximab is Associated with Similar Outcomes Post Orthotopic Heart

Transplantation: A Single Center Experience .19th Annual Scientific meeting of the Heart

Failure Society of America, National Harbor, MD.

March 4, 2017 Assessment of the ISHLT Antibody-Mediated Rejection Grading System for Cardiac

Transplantation and association with Donor Specific Antibodies and Endothelial Activation*.*

106th Annual Meeting United States & Canadian Academy of Pathology, San Antonio, Texas

June 23, 2017 Integration of Practice-based Studies into Heart Transplant Clinical Practice. American

Association for Nurse Practitioners (AANP) 2017 National Conference, Philadelphia, PA

June 23, 2017 Mechanical Support System as an Emerging Alternative Therapy in ARDS Management*.*

American Association for Nurse Practitioners (AANP) 2017 National Conference, Philadelphia,

PA.

Nov. 15, 2018 Single-center experience with the use of Veno-Venous Extracorporeal Membrane

Oxygenation in the treatment of post-cardiotomy Acute Lung Injury. STS/EACTS Latin

America Cardiovascular Surgery Conference. Cartagena, Colombia.

### May 4, 2019 Predictors of in hospital mortality and mid-term outcomes of patients weaned from Veno

### Arterial ExtraCorporeal Membrane Oxygenation. AATS 2019 – 99th American Association for

### Thoracic Surgery Annual Meeting. Toronto, Ontario, Canada.

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Sept. 13, 2021 Restrictive Rather Than Routine Use of Basiliximab for Heart Transplant Induction.

Heart Failure Society of America Annual Scientific Meeting 2021.

Gaylord Rockies, Denver, Colorado

July 20, 2022 Innovation of Cardiovascular Genetics and Multidisciplinary Care of Arrhytmogenic

Right Ventricular Cardiomyopathy. 2022 Transforming Global Nursing Knowledge Through

Research, Scholarship, and Innovation.

Sigma’s 33rd International Nursing Research Congress, Edinburg, Scotland.

November 10, 2023 Frequency and Etiology of Post-operative Leukocytosis after Heart Transplantation

American Heart Association Scientific Session 2023

Pennsylvania Convention Center, Philadelphia, PA.

Publications: (Include only relevant publication categories from past 10 years. While the precise format can be individualized, each entry should contain all authors and inclusive page numbers.)

Ticehurst, E.H., **Molina, M.**, Kearns, J, Goldberg, L., Tsai, D., Wald, J.W., Kamoun, M. (2011) Antibody-mediated

rejection in heart transplant recipients: long term follow-up of patients with high levels of donor-directed

anti-DQ antibodies. *Human Immunology, 72*(s1): s94.

***Molina, M****; Ticehurst, EH; Goldberg, LR; Chojnowski, D; Hornsby, N; Forfia, P. (2012) Echo*-Doppler Profile of Abnormal Right Ventricular-Pulmonary Arterial Interaction Is Associated with Beneficial Response in Heart Transplant Recipients with Pulmonary Hypertension*. J Heart and Lung Transplantation, 31 (4S): S128 (360).*

Vallabhajosyula, P; Komlo, C; **Molina, M**; Roche, L; Kim, Y; Goldberg, LR; Pochettino, A. (2012) Combined Heart-Liver Transplantation (HLT) for Failed Single Ventricle/Fontan Physiology. *J Heart and Lung Transplantation*, *31* (4S): S112 (314).

Frank, R; **Molina, M,** Wald, JW; Goldberg, LR; Kamoun, M; Lal, P. (2012) Immunologic Variances Are Associated with the Development of Cardiac Allograft Vasculopathy. *Am J of Transplantation, 12* (2S): 1205.

[Javaheri](https://www.researchgate.net/researcher/2039267041_Ali_Javaheri),A;  [Zamani](https://www.researchgate.net/researcher/2052482362_Payman_Zamani),P;  **Molina, M;** Chambers, S et al, and Rader, DJ. (2014) Increased Cholesterol Efflux Capacity is Associated with Improved Survival in Heart Transplant Recipients*. Journal of Cardiac Failure*; *20*(8S): S81. DOI: 10.1016/j.cardfail.2014.06.231

Frank, R; **Molina, M**, Wald, JW; Goldberg, LR; Kamoun, M; Lal, P. (2013) Correlation of Circulating Donor Specific Anti-HLA Antibodies and Presence of C4d in Endomyocardial Biopsy with Heart Allograft Outcomes: A Single Center Retrospective Study*.* *J Heart and Lung Transplantation,* *32* (4): 410-417

Brisco, MA; Vorovich, E; **Molina, M**; Testani, JM. (2013) Substantial Recovery of Renal Function is Uncommon Early Post Cardiac Transplant Irrespective of Pre-transplant LVAD Support*. J Heart and Lung Transplantation*, *32* (4S): S272 (756).

**Okada, DR; Molina, M; Vorovich, EE; Han, Y. (2013) Assessment of Left Ventricular Function by Transthoracic Echocardiography following Orthotopic Heart Transplant**. *Journal of the American Society of Echocardiography*, *26*(6): B33-34

Frank, R; **Molina, M**; Wald, JW; Goldberg, LR; Kamoun, M; Lal, P. (2014) Circulating Donor-Specific Anti–Human Leukocyte Antigen Antibodies and Complement C4d Deposition Are Associated with the Development of Cardiac Allograft Vasculopathy. *American Journal of Clinical Pathology, 142 (1)*:809-815

Kamoun, M; Kearns, J; **Molina, M**, Byui, M; Wald, JW, Capolla, T, and Goldberg, LR. (2014) Successful Outcomes of Combined Heart-Liver Transplant Across Pre-Formed High Levels of Donor Specific HLA Antibodies. *Human Immunology*, *75(1)*:26-27. DOI:10.1016/j.humimm.2014.08.033

Frank, R; Dean, S; **Molina, M**; Kamoun, M; Lal, P. (2014)Correlations of lymphocyte subset infiltrates with donor specific antibodies and acute antibody mediated rejection in endomyocardial biopsies. *Clinical Pathology*, 11(1): 1-11, DOI: 10.1016/j.carpath.2014.11.001

Okada, DR; **Molina, M**’ Kohari, M; Vorovich, EE; Owens, A; Han Y. (2015) Clinical echocardiographic indices of left ventricular diastolic function correlate poorly with pulmonary capillary wedge pressure at 1 year following heart transplantation. International Journal of Cardio Imaging, online Feb. 16, 2015; *The International Journal of Cardiovascular Imaging 02/2015*; DOI: 10.1007/s10554-015-0624-z

Vorovich, E., **Molina, M.,** Claridge, T., Williams, M., Chambers, S., Gearhart, C. . . . Zamani, P. (2015) Use of Basiliximab is Associated with Similar Outcomes Post Orthotopic Heart Transplantation: A Single Center Experience. *Journal of Cardiac Failure, 21*(8), S40-S41.

Chen J, Stein S, **Molina M**, Owens A, Han Y. (2015) Right heart size in orthotopic heart transplant population: Influence of donor and recipient gender, race, and body surface area*.* *Int J Cardiology, 20*(1*)3*:105-106, doi: 10.1016/j.ijcard.2015.10.066

Javaheri, A., Zamani, P., **Molina, M**, Rodrigues, A., Chambers, S., Stutman, P., Maslanek, W., Williams, M**.**., . . and Rader, DJ. (2015) Correlation of improved cholesterol efflux capacity of high density lipoprotein with survival and allograft vasculopathy in cardiac transplant recipients. *Arteriosclerosis, Thrombosis, and Vascular Biology, 35*(Suppl 1), A540-A540

Frank, R; Lal, P; Kearns, J; **Molina, M**; et al. and Kamoun, M. (2016) Correlation of Circulating Complement-Fixing Donor-Specific Antibodies Identified by the C1q Assay and Presence of C4d in Endomyocardial Biopsy Specimens. [*American Journal of Clinical Pathology*](https://www.researchgate.net/journal/0002-9173_American_Journal_of_Clinical_Pathology)*,  145*(1):62-68. DOI: 10.1093/ajcp/aqv016

Birati, EY; Mathelier, H; **Molina, M**, et. al. and Jessup, M. (2016) Comparison of Causes of Death After Heart Transplantation in Patients with Left Ventricular Ejection Fractions ≤35% Versus >35*.* [*The American journal of Cardiology*](https://www.researchgate.net/journal/1879-1913_The_American_journal_of_cardiology)*117*(8): 1:11 DOI: 10.1016/j.amjcard.2016.01.028

Menachem, J; Golbus, J; **Molina, M**; et al. and Wald, J. (2016) Successful Cardiac Transplantation Outcomes in Patients with Adult Congenital Heart Disease: A Team Based Approach. [*Journal of the American College of Cardiology*](https://www.researchgate.net/journal/1558-3597_Journal_of_the_American_College_of_Cardiology)*, 67(*13):1446. DOI: 10.1016/S0735-1097(16)31447-4

Javaheri, A.; **Molina, M**; Zamani, P; Chambers, S, et al. and Rader, DJ. (2016) Cholesterol efflux capacity of high-density lipoprotein correlates with survival and allograft vasculopathy in cardiac transplant recipients*. The Journal of heart and lung transplantation.*July 2016. DOI: 10.1016/j.healun.2016.06.022

Reza, N; Menachem, J; **Molina, M**; et al & Goldberg, LR. (2016) Cardiopulmonary Exercise Testing in Adults with Congenital Heart Disease Underestimates Disease Prior to Cardiac Transplantation. *Journal of Cardiac Failure* August 2016 DOI: 10.1016/j.cardfail.2016.06.37

Hanff, TC; **Molina, M**; Owens, AT; et al. and Birati, EY. (2016) Body Mass Index and Survival in Orthotopic Heart Transplant Patients*. Journal of Cardiac Failure* August 2016. DOI: 10.1016/j.cardfail.2016.06.398

# **Molina, M**; Yelavarty, P; Chojnowski, D; Stutman, P, Chambers, S et.al, and Forde-McLean, R. (2016) Simulect for Induction in Heart Transplant Patients -the Double-Edged Sword*. Journal of Cardiac Failure* August 2016. DOI: 10.1016/j.cardfail.2016.06.393

Padegimas, A, **Molina, M**, Korwin, A, Birati, EY, and Kamoun, M. (2016) Successful long term outcomes in combined heart-liver transplants across preformed high levels of donor specific antibodies in highly sensitized patients. [*The Journal of heart and lung transplantation: the official publication of the International Society for Heart Transplantation*](https://www.researchgate.net/journal/1557-3117_The_Journal_of_heart_and_lung_transplantation_the_official_publication_of_the_International_Society_for_Heart_Transplantation)*.* October 2016, DOI: 10.1016/j.healun.2016.09.012

Menachem, J, Golbus, JR, **Molina, M** et al…. and Wald, JW. (2017) Successful cardiac transplantation outcomes in patients with adult congenital heart disease. *Heart (British Cardiac Society)* · March 2017, DOI: 10.1136/heartjnl-2016-310933

Courthwright, A, Zaleki, D, Ahya, V, et al., **Molina, M** and Diamond, J. (2017) Causes and Preventability of Unplanned Rehospitalization Following Lung Transplantation. [*The Journal of heart and lung transplantation: the official publication of the International Society for Heart Transplantation*](https://www.researchgate.net/journal/1557-3117_The_Journal_of_heart_and_lung_transplantation_the_official_publication_of_the_International_Society_for_Heart_Transplantation) April, 2017. DOI: 10.1016/j.healun.2017.01.1429

Bermudez, CA, **Molina, M,** Thomasson, A, Blumberg, E…. et al and Crespo, M.M. (2017) Lung Transplant Experience with Public Health Services (PHS) “Increased Risk Donors”: Recipient Outcomes and Incidence of Transmission and Conversion.[*The Journal of heart and lung transplantation: the official publication of the International Society for Heart Transplantation*](https://www.researchgate.net/journal/1557-3117_The_Journal_of_heart_and_lung_transplantation_the_official_publication_of_the_International_Society_for_Heart_Transplantation)*.* April, 2017. DOI: 10.1016/j.healun.2017.01.125

Bermudez, CA, **Molina, M**, Goldberg, LR., Chambers, S, et al and Acker, M.A. (2017) Incidence and Implications of Primary Graft Dysfunction (PGD) in heart transplantation using the ISHLT Consensus Criteria.[The Journal of heart and lung transplantation: the official publication of the International Society for Heart Transplantation](https://www.researchgate.net/journal/1557-3117_The_Journal_of_heart_and_lung_transplantation_the_official_publication_of_the_International_Society_for_Heart_Transplantation). April, 2017. DOI: 10.1016/j.healun.2017.01.11

Lim, B, Lasky, J, Shaufler, C, **Molina, M** and Cantu, E (2017). Lung Allocation Score Implementation Narrowed Racial/Ethnic Disparities in Adult Lung Transplantation Outcomes. *The Journal of heart and lung transplantation*. April, 2017. DOI: 10.1016/j.healun.2017.01.033

Gentile, J, **Molina, M,** Atluri, P, et al …and Bermudez, C.A. (2017) ECMO use in INTERMACS 1 patients as a Bridge to LVAD with Intention to Transplant versus Bridge to Direct Heart Transplant: Single Center Experience. [*The Journal of heart and lung transplantation: the official publication of the International Society for Heart Transplantation*](https://www.researchgate.net/journal/1557-3117_The_Journal_of_heart_and_lung_transplantation_the_official_publication_of_the_International_Society_for_Heart_Transplantation)*.* April, 2017. DOI: 10.1016/j.healun.2017.01.943

Sigerman, M, **Molina, M,** Hanff, T, et al and Birati, EY. (2017) Short and Long Term Outcomes of Combined Heart and Kidney Transplantation: A Single-Center Experience*.* *Journal of Cardiac Failure, 23*(8): S130. August 2017 DOI: 10.1016/j.cardfail.2017.07.383

Courtwright, AM, Zaleski, D, Gardo, L, Ahya, V, Christie, J, Crespo, M, Hadjiliadis, D, Lee, J, **Molina, M,** et. al. and Diamond, J. (2018) Causes, Preventability, and Cost of Unplanned Rehospitalizations Within 30 Days of Discharge Following Lung Transplantation*.* *Transplantation, 102*(5):1. January 2018. DOI 10.1097/TP.0000000000002101

Courtwright, A.M., **Molina, M**, Gardo, L. et al. and Bermudez, CA. (2018) Human Leukocyte Antigen Allosensitization in Patients Bridged to Lung Transplantation with Extracorporeal Membrane Oxygenation. *The Journal of Heart and Lung Transplantation, 37*(4): S89. April 2018. DOI 10.1016/j.healun.2018.01.206

Shore, S; Soni, M, Hilbman, A. Patel, P, Mazurek, J, Justice, C, Guarracinno, D, **Molina, M**; et. al. and Birati, E.Y. (2018) Predictors for Left Ventricular Assist Device Thrombosis. *The Journal of Heart and Lung Transplantation 37*(4): S366. April 2018. DOI 10.1016/j.healun.2018.01.941

Reza, N, Mahmud, N, **Molina, M;** et. al. and Owens, A*.* (2018) Model for End-Stage Liver Disease (MELD) Stratification Identifies Two Distinct Cohorts of Arrhythmogenic Right Ventricular Cardiomyopathy Patients Undergoing Transplantation. *The Journal of Heart and Lung Transplantation, 37*(4): S335. April 2018. DOI 10.1016/j.healun.2018.01.856

Shore, S; Soni M, Hilbman, A. Patel, P, Mazurek, J, Justice, C, Fox, A, Tanna, M, **Molina, M**, et. al. and Birati, E.Y. (2018) Pump Exchange after Left Ventricular Assist Device Implantation: Indications and Outcomes*. The Journal of Heart and Lung Transplantation, 37*(4): S366-S367. April 2018. DOI 10.1016/j.healun.2018.01.942

Quiaoit, Y and **Molina, M.** (2018) **Providers Perspectives on Palliative Care Integration in Advanced Heart Failure Care.** *The Journal of Heart and Lung Transplantation, 37*(4): S. April 2018. DOI 10.1016/j.healun.2018.01.756

Menachem, J; Reza, N; Mazurek, J; Burstein, D, Birati, E; Fox, A; Yuli, K; **Molina, M**; Partington, S; Tana, M; Tobin, L; Wald, J, and Goldberg, L. (2019) Cardiopulmonary Exercise Testing- A Valuable Tool, Not Gatekeeper When Referring ACHD Patients for Transplant Evaluation. *World Journal for Pediatric and Congenital Heart Surgery* March 2019. DOI: [10.1177/2150135118825263](http://dx.doi.org/10.1177/2150135118825263)

Wallen, T; Habertheuer, A; Gottret, J; Kramer, M; Abbas, Z; Siki, M; **Molina, M;** et al. & Vallabhajosyula, P. (2019) Sternal wound complications in patients undergoing orthotopic heart transplantation: *Journal of Cardiac Surgery,* 34 (1): 112-119. 10.1111/jocs.14003.

Menachem, J; Reza, N; Mazurek, J; Burstein, D; Birati, E; Fox, A; Kim, Y; **Molina, M;** Partington, S; Tanna, M; Tobin, L; Wald, J & Goldberg, L. (2019) Cardiopulmonary Exercise Testing- A Valuable Tool, Not Gatekeeper When Referring Patients with ACHD for Transplant Evaluation. *World Journal for Pediatric and Congenital Heart Surgery.* 10. 215013511882526. 10.1177/2150135118825263.

Hanff, T.; Zhang, R.; Zhang, Y.; **Molina, M**; McLean, R; Mazurek, J; Tanna, M; Rame, J; et. al. and Birati, E. (2019) Acute Cellular Rejection Early after Heart Transplantation Does Not Reduce Exercise Capacity in the First Year*. Journal of Cardiac Failure, 25:* S159. 10.1016/j.cardfail.2019.07.489.

Han, J.; Iyengar, A; Patrick, W; Goldenring, J; **Molina, M**; Ameer, A; Helmers, M; Birati, E; and Atluri, P. (2019) Impact of Socioeconomic Status on Outcomes Post-Ventricular Assist Device Implantation. *The Journal of Heart and Lung Transplantation, 38 (4):* S128-S129. 10.1016/j.healun.2019.01.303.

Sertic, F; Crespo, M; Habertheuer, A; Diagne, D; Chavez, L; Richards, T; **Molina, M**; Suzuki, Y; Rame, J; Wald, J; Cantu, E; and Bermudez, C. (2019) Early Outcomes with the Use of ExtraCorporeal Membrane Oxygenation as a Bridge to Combined Heart and Lung Transplant. *The Journal of Heart and Lung Transplantation, 38 (4)*: S55. 10.1016/j.healun.2019.01.120.

Sertic, F; Crespo, M; Habertheuer, A; Diagne, D; Chavez, L; Richards, T; **Molina, M**; Suzuki, Y; Rame, J; Wald, J; Cantu, E; and Bermudez, C. (2019) The Effect of the Elective Intra-Operative Use of Mechanical Circulatory Support on the Development of Primary Graft Dysfunction Following Bilateral Lung Transplantation. *The Journal of Heart and Lung Transplantation, 38*(4): S330.

Hanff, T; Harhay, M; Kimmel, S; **Molina, M**; Mazurek, J; Goldberg, L & Birati, E. (2020) Trends in Mechanical Support Use as a Bridge to Adult Heart Transplant Under New Allocation Rules. *JAMA Cardiology.* 10.1001/jamacardio.2020.0667.

Ustunkaya, T; Liang, J; Lin, A; Shirai, Y; **Molina, M;** et. al & Callans, D. (2020) Clinical and Procedural Characteristics Predicting Need for Chronotropic Support and Permanent Pacing Post-Heart Transplantation*.* *Heart Rhythm, 17.* 10.1016/j.hrthm.2020.02.021.

Habertheuer, A; Richards, T; Sertic, F; **Molina, M**; et al. & Bermudez, C. (2020) Stratification Risk Analysis in Bridging Patients to Lung Transplant on ECMO: The STABLE Risk Score. *The Annals of Thoracic Surgery*. 10.1016/j.athoracsur.2020.03.078.

Hanff, T.C.; Harhay, M.O.; Kimmel, S.E.; **Molina, M;** Acker, M.A.; Bermudez, C; Atluri, P.; Mazurek, J.; Wald, J.W.; McLean, R; Goldberg, L.R. & Birati, E. (2020) The Role of Human Leukocyte Antigen Sensitization as a Risk Factor for Mortality in Patients Bridged to Heart Transplantation with VA-ECMO. *The Journal of Heart and Lung Transplantation, 39*: S72. 10.1016/j.healun.2020.01.1283.

Genuardi, M.V; Zhang, Y; Mazurek, J; Hanff, T.C; Molina**, M**; Atluri, P.; Zamani, P.; McLean, R; Goldberg, L.R. & Birati, E. (2020) Peak Oxygen Consumption and Survival after Heart Transplant is Similar in Patients with and without Comorbid Obstructive Sleep Apnea*.* *The Journal of Heart and Lung Transplantation, 39*: S257. 10.1016/j.healun.2020.01.557.

Ortega-Legaspi, J.M.; **Molina, M**; Quiaoit, Y.A.; Gerrity, K.E.; Casciello, N.L.; Atluri, P.; Cevasco, M.; Goldberg, L.; Prenner, S.B., Genuardi, M.; Birati, E. ; Kim, Y. & Wald, J. (2020) PRA is Not Associated with Rejection in Combined Heart and Liver Transplantation. *The Journal of Heart and Lung Transplantation, 39(*1): S31. 10.1016/j.healun.2020.01.1178.

Wang, TS; **Molina, M**; Norris, M; and Mather, P. (2020) Chylopericardium as a Rare Entity Following Orthotopic Heart Transplantation*.* [*The Journal of Heart and Lung Transplantation*](https://www.sciencedirect.com/science/journal/10532498)*,* [*40*(4S)](https://www.sciencedirect.com/science/journal/10532498/40/4/supp/S)*:* S472

Norris, M; Molina, M; Wang, TS; Tanna, M; and Mather, P. (2020) Benznidazole Therapy Post-Heart Transplant and Surveillance Trypanosoma cruzi Testing with Donor Specific Antibodies. [*The Journal of Heart and Lung Transplantation*](https://www.sciencedirect.com/science/journal/10532498)*,* [*40*(4S)](https://www.sciencedirect.com/science/journal/10532498/40/4/supp/S)*:* S482

Cole, R; Devore, A; Morris, A; Alexy, T; Ortega-Legaspi, JM; Flattery, M; Maziarz, E; **Molina, M**. Udeshi, K; Shah, C.; Martin, V; Maharaj; P. Shah, P. (2020) *A Multi-Center Study of CMV Prophylaxis Strategies in Intermediate Risk (R+) Heart Transplant Recipients*. *Journal of Heart and Lung Transplantation, 40 (1),* I4.

Ortega-Legaspi, J M; Morris, A; Flattery, T; Alexy, A.; Devore, V.; Maharaj, C.; Martin, E.; Maziarz, L; Cooper, K; Shah, M; **Molina, M**; Udeshi, P.; Shah, R; Cole, T. (2020*).*Efficacy of 3 Months vs. 6 Months of Valganciclovir Prophylaxis for Heart Transplant Recipients at Intermediate Risk (R+) for CMV Complications. *Journal of Heart and Lung Transplantations 40 (1)*, I4.

Hu, R; Korutla, L; Reddy, S; Harmon, J; Zielinski, P; Bueker, A; **Molina, M**; Romano, C; Margulies, M, McLean, R; Lal, P; Vallabhajosyula, P. (2020) Donor Heart Exosome Profiling Enables Noninvasive Detection of Antibody-mediated Rejection*. Transplantation Direct*, *6(*11): e615.doi: 10.1097/TXD.0000000000001057.

Birati, E; Najjar S; Tedford, R; Houston, B; Shore, S; Vorovich, E; Alturi, P; Urgo, K; **Molina, M**; Chambers, S. et.al. and Genuardi, MV. (2021) Characteristics and Outcomes of Covid 19 in Patients on Left Ventricular Assist Device Support*.* *Circulation: Heart Failure, 14*(4). DOI:10.1161/circheartfailure.120.007957

Genuardi, MV; Moss, N; Najjar, S; Houston, B; Shore, S; Vorovich, E; Atluri, P; **Molina, M**, Chambers, S. et. al. and Birati, E. (2021) Coronovirus disease 2019 in heart transplant recipients: Risk factors, immunosuppression and outcomes*. J Heart Lung Transplant, 40*(9):926-935. DOI: 10.1016/j.healun.2021.05.006.

Crespo, M; Claridge, T; Domsic, R; Hartwig, M; Kukrejaj, J; Stratton, K; Chan, K; **Molina, M;** Ging, P; Cochrane, A; Hoetzenecker, K; Ahmad, U; Kapnadak, S; Timofltel, I; Verleden, G; Lyu, D; Quddus, S; Davism N; et al. and Galnville, A (2021). [ISHLT Consensus Document on Lung Transplantation in Patients with Connective Tissue Disease: Part III: Pharmacology, Medical and Surgical Management of Post-Transplant Extrapulmonary Conditions Statements](https://www.researchgate.net/publication/353601667_ISHLT_Consensus_Document_on_Lung_Transplantation_in_Patients_with_Connective_Tissue_Disease_Part_III_Pharmacology_Medical_and_Surgical_Management_of_Post-Transplant_Extrapulmonary_Conditions_Statement)*. The Journal of Heart and Lung Transplantation.* Available online 31 July 2021 <https://doi.org/10.1016/j.healun.2021.07.013>

Holzhauser, L., Norris, M., **Molina, M**., Hanff, T., Chambers, S., Reza, N., Goldberg, L., Atluri, P., McLean, R. (2022) Restrictive Rather Than Routine Use of Basiliximab for Heart Transplant Induction*.* *Journal of Cardiac Failure, 3(146):12* DOI: 10.1016/jcardfail.2022.03.146

Norris, M, **Molina, MR**, Callaghan, K, Wang, T, and Mather, P. (2022) Utility of Cardiovascular Magnetic Resonance Imaging in Non-HLA Mediated Cardiac Allograft Dysfunction. [*The Journal of heart and lung transplantation: the official publication of the International Society for Heart Transplantation*](https://www.researchgate.net/journal/The-Journal-of-heart-and-lung-transplantation-the-official-publication-of-the-International-Society-for-Heart-Transplantation-1053-2498)*4*1(4):S417. DOI: [10.1016/j.healun.2022.01.1049](http://dx.doi.org/10.1016/j.healun.2022.01.1049)

Holzhauser, L, Norris, M, **Molina, MR**, Chambers, S, Gala, K, Fallah, T, Bitterman, T, Atluri, P, McLean, R, Peyster, E. (2022) A Transplant Center Experience with Basiliximab Induction Strategies - A Double Edged Sword? [*The Journal of heart and lung transplantation: the official publication of the International Society for Heart Transplantation*](https://www.researchgate.net/journal/The-Journal-of-heart-and-lung-transplantation-the-official-publication-of-the-International-Society-for-Heart-Transplantation-1053-2498)*, 41*(4):S91-S92. DOI:  [10.1016/j.healun.2022.01.212](http://dx.doi.org/10.1016/j.healun.2022.01.212)

Federico, LE, Courtwright, AM, Kamoun, M, **Molina, MR**, Diamond, JM, Ahya, V, Christie, J, Clausen, E, Hadjliadis, D, Patel, N, Salgado, J, Cevasco, M, Cantu, E, Crespo, MM, and Bermudez, CA. (2022) Change in Panel Reactive Antibodies in Patients Bridged to Lung Transplantation with Extracorporeal Membrane Oxygenation. [*The Journal of heart and lung transplantation: the official publication of the International Society for Heart Transplantation*](https://www.researchgate.net/journal/The-Journal-of-heart-and-lung-transplantation-the-official-publication-of-the-International-Society-for-Heart-Transplantation-1053-2498)*, 41*(4):S289-S290 DOI:  [10.1016/j.healun.2022.01.711](http://dx.doi.org/10.1016/j.healun.2022.01.711)

Abstracts: (List only the past 6 years.)

Maslanek, W and **Molina M**. Fecal Microbiota Transplantation: A Promising Therapeutic Option for Immunosuppressed Transplant Recipient with Recurrent and Refractory C-diff Infection. 25th International

Transplant Nurses Society Conference, Pittsburg, PA. October, 14-16, 2016

Nguyen, A, Dean, SA, Frank, R, **Molina, M**, Kamoun, M and Lal, P. Assessment of the ISHLT Antibody-Mediated Rejection Grading System for Cardiac Transplantation and association with Donor Specific Antibodies and Endothelial Activation.106th Annual Meeting United States & Canadian Academy of Pathology, San Antonio, Texas, March 4-10, 2017

**Molina, M, Quiaoit, Y, Lajoie, J, and Cash, N. *Transplant Viewpoint and Consideration for the Care of Adult Congenital Heart Disease.*** European Transplant Nursing Symposium, Berlin, Germany, June 28-30, 2018.

Ustunkaya, T; Liang, J; **Molina, M**; Owens, A; Acker, M; Bermudez, C; Marchlinski, F; Callans, D.

Pre-Transplant Amiodarone Use at The Time of Orthotopic Heart Transplantation Predicts Post-Operative Need for Temporary Chronotropic Support, But Not the need for Permanent Pacemaker Implant Prior to Discharge. American Heart Association Scientific Sessions 2018, Chicago, IL, November 10, 2018

**Molina, M** and Quiaoit, Right Ventricular Assist Device (RVAD): An adjuvant therapy in variety of cardiovascular procedures., At Heart Failure 2019 - 6th World Congress on Acute Heart Failure. Athens, Greece. May, 2019

**Molina, M;** Quiaoit, Lajoie, J and Cash, N. Advanced practice providers ‘utilization of EUROMACS (European Registry for patients with mechanical circulatory support); single center experience, At Heart Failure 2019 - 6th World Congress on Acute Heart Failure. Athens, Greece. May, 2019

**Molina, MR**, Williams, MA, and Quiaoit, YA. *Outcomes of Heart Transplantation and Combined Heart-Liver Transplantation in Patients with Arrhythmogenic Right Ventricular Cardiomyopathy*. The 30th International Nursing Research Congress, Calgary, Alberta, Canada, July 25-29, 2019.

Ziegler, A and **Molina, M**. Genetic Errors in Metabolism: Different Types of Syndromes and Inherited Disorder. At International Transplant Nurses Society 28th Transplant Nursing Symposium, Orlando, FL. November, 2019

Quiaoit, Y and **Molina, M.**  Transthyretin Amyloidosis (ATTR): Genetic and Clinical Implications. 2020 International Transplant Nurses Society Virtual Transplant Nursing Symposium.

Chiang, C and **Molina, M**. Takutsubo Cardiomyopathy in Liver Transplant Recipients. 2020 International Transplant Nurses Society Virtual Transplant Nursing Symposium.

Hanff, T; Zhang, R; **Molina, M**; Zhang, Y; McLean, R Mazurek, J; Tanna, M; Rame, J; Wald, J; Atluri, P; Acker, M; Jessup, M; Goldberg, L & Birati, E. Predicting Long-Term Survival after Heart Transplant Using Post-Transplant Cardiopulmonary Stress Tests. AHA 2019 Scientific Sessions of the American Heart Association, November 18, 2019, Philadelphia, PA.

Chambers, S; Wang, A; and **Molina, M**. Trans-COVID-19 Multi-Center Registry of Cardiac Transplant Patients in the United States with Confirmed COVID-19 and Impact to Transplant Medicine. 2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium. September, 2021

Grubb, E, and **Molina, M**. Varying Presentations and Management of Posterior Reversible Encephalopathy

Syndrome (PRES) in Transplant Medicine. 2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium. September, 2021

Cusack, T; Kannadan, M; and **Molina, M**. Tacrolimus Induced Acquired Thrombotic Microangiopathy and Role of ADAMST13 Deficiency. 2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium

September, 2021

LaJoie, J; Barnes, M; Cash, N; and **Molina, M.** Sexually Transmitted Infections: The Burden and Implications. 2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium. September, 2021

Burke, M and **Molina, M**. Categorized, and Standardized Treatment Options for Cytomegalovirus Infection. 2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium

Quiaoit, Y and **Molina, M.** A Rare Case of Cytomegalovirus and Parvovirus B-19 Co-Infection after Transplantation. 2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium. September, 2021

Quiaoit, Y and **Molina, M.** Cytopenias after Solid Organ Transplantation: Primer for Clinicians. 2021International Transplant Nurses SocietyVirtual Transplant Nursing Symposium. September, 2021

Editorials, Reviews, Chapters, including participation in committee reports (print or other media):

2013- present BRIGHT study: international research liaison/project manager. BRIGHT (Building Research

Initiative Group: Chronic Illness Management and Adherence in Transplantation)

Penn Transplant Institute representative to intercontinental study that analyzed practice patterns regarding pre- and post-transplant medication adherence assessment and interventions with different international heart transplant centers

**SELECT INTERNATIONAL COLLABORATION Publications: BRIGHT** [**Collaborators (45)**](https://www.ncbi.nlm.nih.gov/pubmed/28624338) **Maria Molina-USA East coast representative**

Senft, Y et. al. (2017) BRIGHT Collaborators**.** Practice patterns to improve pre and post-transplant medication adherence in heart transplant centres: a secondary data analysis of the international BRIGHT study. European Journal of Cardiovascular Nursing 17(2):147451511774757. December 2017. DOI 10.1177/1474515117747577

Cajita MI, et al (2017) BRIGHT Collaborators. [Heart transplant centers with multidisciplinary team show a higher level of chronic illness management - Findings from the International BRIGHT Study.](https://www.ncbi.nlm.nih.gov/pubmed/28624338) Heart Lung. 2017 Sep - Oct;46(5):351-356. doi: 10.1016/j.hrtlng.2017.05.006. Epub 2017 Jun 16.

Cajita, MI et. al (2017). BRIGHT Study Team. Do Heart Transplant Centers Have a Multidisciplinary Team as Indicated by ISHLT Guidelines? Findings from the International BRIGHT Study. The Journal of Heart and Lung Transplantation 36(4): S357-S358. April 2017. DOI 10.1016/j.healun.2017.01.1005

Cajita MI, et. al (2017); BRIGHT Collaborators. [Health literacy in heart transplantation: Prevalence, correlates and associations with health behaviors-Findings from the international BRIGHT study.](https://www.ncbi.nlm.nih.gov/pubmed/27773449) J Heart Lung Transplant. 2017 Mar;36(3):272-279. doi: 10.1016/j.healun.2016.08.024. Epub 2016 Sep 13.

Luta, X et. al. (2018) BRIGHT Collaborators. Variability in Trust in the Heart Transplant Team Internationally and Its Relation to Patient and Center Level Factors in Heart Transplant Centers: The International Cross-Sectional BRIGHT Study. The Journal of Heart and Lung Transplantation 37(4): S421. April 2018. DOI 10.1016/j.healun.2018.01.1092

Duerinckc, N. et al.BRIGHT Collaborators. Variability in Depressive Symptoms and Its Multilevel Correlates in Heart Transplant Recipients: Results from the International Cross-sectional BRIGHT Study. The Journal of Heart and Lung Transplantation 37(4): S20. April 2018.DOI 10.1016/j.healun.2018.01.027

Helmy, R. et al. (2019). BRIGHT Collaborators. Prevalence of Medication Nonadherence to Co-Medication Compared to Immunosuppressants in Heart Transplant Recipients: Findings from the International Cross-sectional BRIGHT Study. Clinical Therapeutics, 41 (1): 130 – 136. DOI: [10.1016/j.clinthera.2019.11.007](http://dx.doi.org/10.1016/j.clinthera.2018.11.007)

## Alaerts, E. et. al (2020) Variability in practice patterns regarding protective isolation measures after heart transplantation: A secondary analysis of the international BRIGHT study**.** [American Journal of Infection Control](https://www.sciencedirect.com/journal/american-journal-of-infection-control)

48 (7): 786-790. <https://doi.org/10.1016/j.ajic.2019.11.012>

Iglesias, K. et.al (2020) Validation of the patient assessment of chronic illness care (PACIC) short form scale in heart transplant recipients: the international cross-sectional bright study. BMC Health Serv Res 20,160 (2020). https://doi.org/10.1186/s12913-020-5003-3

Cajita, MI et. al (2021). Is degree of chronic illness management in heart transplant centers associated with better patient survival? Findings from the intercontinental BRIGHT study. Chronic Illness 2021. [https://doi.org/10.1177/17423953211039773](https://doi.org/10.1177%2F17423953211039773)

Books:

Ticehurst, EH; **Molina, M;** Frank, R; Kearns, J; Lal, P; Goldberg, LR; Tsai, D; Wald, JW; Kamoun, M. *Antibody-mediated rejection in heart transplant recipients: long term follow-up of patients with high*

*levels of donor-directed anti-DQ antibodies.* In: Checka, JM and Terasaki PI, editors. Clinical

Transplants 2011: 409-414. Los Angeles, UCLA Tissue Typing Laboratory, 2012.

**Molina, M** Co-author/contributor. Cardiovascular Nursing: Scope and Standards of Practice 2nd

Edition*.* [American Nurses Association](http://m.barnesandnoble.com/c/american%20nurses%20association/0) for [American Nurses Publishing](http://m.barnesandnoble.com/s/american%20nurses%20publishing/54456)

**PUB. DATE** July 2015; ISBN: 9781558106239; PUB# 9781558106239

Kunkel, K; **Molina, M** & Wald, Joyce. Combined Heart Transplantation with Other Organ Transplantation (2020 edition). 10.1007/978-3-319-33280-2\_34-1. Part of the [Organ and Tissue Transplantation](https://link.springer.com/bookseries/13177) . Contemporary Heart Transplantation Book- Editors, Bogar and Stempien-Otero

Alternative Media: (List any other non-peer reviewed contributions to alternative communication formats, such as instructional audio or video tapes, articles in the lay press, educational material via Internet, etc.)

[Maria Reila Molina, CRNP, MSN profile | PennMedicine.org](https://www.pennmedicine.org/providers/profile/maria-molina)

[ECMO as Bridge to Lung Transplant - Penn Medicine](https://www.pennmedicine.org/for-health-care-professionals/for-physicians/physician-education-and-resources/clinical-briefings/2017/june/ecmo-as-bridge-to-lung-transplant)

[(19) Maria Reila Molina (researchgate.net)](https://www.researchgate.net/profile/Maria-Molina-29)

[Maria Molina - The Organ Donation and Transplantation Alliance (organdonationalliance.org)](https://www.organdonationalliance.org/profile/maria-molina/)

[(22) Feed | LinkedIn](https://www.linkedin.com/feed/?trk=404_page)

[News - Internal Newsletters: HUPdate | Penn Medicine](https://www.pennmedicine.org/news/internal-newsletters/hupdate)

Research/Quality Improvement Projects (date, title, funding source if applicable)

2012-2016 Co-investigator: Building an Infrastructure for a Team-Based Patient Centered Outcomes

Research Database for Quality Improvement and Patient Safety.

2014-2019 Co-investigator: ORDER (Outcomes Research of Drug interactions and Economic

Relationship) Study

2015-2020 Co-investigator: ROHT (Research Outcomes of Heart Transplant) Study

2015 Member, Process Improvement Project/Penn Transplant Institute/Reporting and

Documenting Donor Positive Culture

2016-present Co-investigator: L-TOR (Lung Transplant Outcomes Research) Study

2016-present Co-investigator: Outcomes Research of ECMO (Extracorporeal Membrane Oxygenator)

Recipients.

2015-2020 Co-investigator: ICD Deactivation at End of Life (Social and Behavioral Sciences)

2017-present Study Coordinator: A Prospective Randomised Trial of Early LV Venting Using Impella CP

for Recovery in patients with cardiogenic shock managed with VA ECMO (REVERSE)

Study

2018-2021 Sub-Investigator, Gene Expression- Allomap Result Review/Penn Heart Transplant

2020-present Sub-Investigator, Multi-center Trans-VAD COVID Registry

2020-present Good Shepherd Penn Partners/Heart Transplant Partnership Workgroup, Pathway

Development for heart transplant recipients in acute rehabilitation

2020-present Co-chair Decreasing Hospital Length of Stay and Readmissions for Heart Transplant

Patients at HUP

2022 Primary Investigator: Penn Advanced Practice Provider Implementation Science Registry

2023 Primary Investigator: INSPIRE: Improving Knowledge of Genomics in Cardiology Practice

Program Evaluation

Grants (date, title, funding source)

2013-2015 BRIGHT (Building Research Initiative Group: Chronic Illness Management and

Adherence in Transplantation)

Funded by Institute of Nursing Science of the University of Basel (Switzerland), the

Center of Health Services and Nursing Research of the University of Leuven (Belgium),

and the International Transplant Nurses Society (ITNS).

Community/Service Activities (date, organization, activity)

1988-1994 Volunteer, Philippine Red Cross Disaster Relief Program

2007-2009 Volunteer, Camden County, NJ Free Clinic

2014-2015 Volunteer, Franklin Community- Ronald MacDonald Hospitality House

2016-2018 Volunteer, American Heart Association “Go Red Campaign”

2017-present Volunteer, Philippine Angels of Donation Caravan

2019-present Volunteer, American Heart Association, West Philadelphia Community Heart

Healthy Program

2021 Volunteer, Penn Heart to Heart Program and New Life Community Deliverance

2021 Volunteer, PCAM 15 COVID19 Vaccine Clinic