OUR RESEARCH

Here's a sampling of Loyola resident research projects from the past year

With so many opportunities, we hope you'll join us in 2021!

CARDIOLOGY

NATHALIE ANTONIOS

Pulmonary Embolism Response Team: Developing a New Protocol for Low Risk PE Criteria for Early Discharge from the ED

Predictor of Initial and 30 Day 6-Minute Walk Test Distance in Patients with Acute Pulmonary Embolism by Gender

MICHAELE BELMONT

The Identification of Patient and Process Characteristics Associated with 30-Day Heart Failure Readmissions: A Retrospective Analysis

LUCAS CHAN

Comparison of Echocardiographic IVC Assessment to Right Heart Catheterization in Patients after Heart Transplant

LUCAS CHAN, JEREMIAH HAINES, STEPHEN MORRIS

Comparison of Alteplase Dosing Strategies in Patients Undergoing Catheter Directed Thrombolysis for Acute Pulmonary Embolism

Right Ventricular Outflow Doppler Predicts Low Cardiac Index in Indeterminant Risk Pulmonary Embolism

Comparison of Outcomes in Catheter-Directed versus Ultrasound-Assisted Thrombolysis for Treatment of Pulmonary Embolism

MATTHEW COLLINS

Atrial Fibrillation, Reduced Ejection Fraction, and Thromboembolic Risk in Left Ventricular Non-Compaction (LVNC)

TRAVIS DESA

Diastolic Dysfunction, Right Heart Dysfunction, and Clinical Outcomes in MitraClip

KARAM GARDEZI

Omega-3 Fatty Acids and Arrhythmia Generation

KARAM GARDEZI, SWAPNA GUDIPATI, ANEEQ WAQAR

Impact of Blood Group A Subtyping on Heart Transplantation

IVO GENEV

IV Ferric Gluconate Supplementation in Acute Heart Failure Exacerbation

SWAPNA GUDIPATI

Communicating Critical ECG Interpretations

DANIEL KIM

Impact of Donor Smoking History on Post Heart Transplant Outcomes: A Propensity Matched Analysis of ISHLT registry

NICOLAS KREPOSTMAN

Increasing Clinical Susicion of Transthyretin Amyloid Cardiomyopathy (ATTR-CM)

JESSICA MAROT

Fractional Flow Reserve-Computed Tomography vs Traditional Stress Test for Evaluation of Stable Coronary Artery Disease

NKIRU OSUDE

Age and Sex Disparities in Hypertension Control: The Multi-Ethnic Study of Atherosclerosis (MESA)

MATTHEW THOMAS

The Utility of Strain Cardiac Magnetic Resonance Imaging, Right Ventricular Dyssynchrony Measurements, and Late Gadolinium Enhancement

ANEEQ WAQAR

Effects of Atrial Fibrillation Ablation on Left Atrial Function as Evaluated by Cardiac Magnetic Resonance Imaging

CONNOR YOUNG

Monitoring of Persistent Left Atrial Thrombi seen on Transesophageal Echocardiogram

Comparison of Invasive Angiography and Coronary CT Angiography for Patients with Three Vessel or Left Main Disease

NATHAN YUNG

Increasing User Engagement with Order Entry for Echocardiograms

ENDOCRINOLOGY

MICHELLE LUNDHOLM

Endocrinopathies Associated with COVID-19

Applications and Pitfalls of Hemoglobin A1c and Alternative Methods of Glycemic Monitoring

Definitive Surgical Management of Ectopic Cushing’s Syndrome with Bilateral Adrenalectomy

Dasatinib-Induced Hypoglycemia in a Patient with Acute Lymphoblastic Leukemia
INFECTION DISEASE

PAVAN GUPTA
Quality Improvement Initiative Reduced Standardization Utilization Ratios of Indwelling Urinary Catheters in Hospitalized Patients

TREVOR ROSTON, KYLE WALDING
Clinical Outcomes with Karius Identification of Organisms versus Standard Identification Techniques

BENJAMIN SIRBU
Fidaxomicin Taper and Pulsed Regimens for Recurrent Clostridium Difficile Infection

KYLE WALDING
Penicillin Desensitization Protocol Development

NEPHROLOGY

MICHAEL BEAL
Renal Outcomes in COVID-19

DESTRY ELMIS
Leukocytoclastic Vasculitis and Renal Failure

KARAM GARDEZI, KEVIN WALSH
Mean Arterial Blood Pressure Protocol to Minimize Anti-hypertensive Therapeutic Inertia

IVO GENEV
Standardizing Cardiac Evaluation Prior to Kidney Transplantation

BLAINE KNOX, NICOLAS KREPOSTMAN
A Case of Acquired Hemolytic Uremic Syndrome in a Renal Transplant Patient

PULMONARY & CRITICAL CARE

NATHALIE ANTONIOS
Delays in Patient Care: Insulin Drip Protocol in the ICU vs Emergency Department

YIRAN GONG
Phenobarbital vs CIWA-Ar in Alcohol Withdrawal in the ICU

ARUshi HUKKu
Association of Steroid Use with the Development of Septic Shock and Acute Respiratory Distress Syndrome

ARUshi HUKKu, MARTIN KAMPER
Risk Factors and Outcomes of Unplanned Intensive Care Unit Transfer Within 24 Hours of Admission

ARUshi HUKKu, MARTIN KAMPER, BRIAN WHITE
Risks Associated with Intra-Hospital Transport of Medical Intensive Care Unit Patients

RHEUMATOLOGY, ALLERGY, & IMMUNOLOGY

KHASHAYAR AHMADMEHRABI
Hyperuricemia and Severe Knee Osteoarthritis Requiring Total Knee Arthroplasty: A Potential Link?

ANGELO CILIBERTI
Methotrexate and the Use of Biologics for Treatment of Rheumatoid Arthritis

MAGDALENA HARASIMOWICZ
The Use of Complementary and Alternative Medicine for Pain Control in Rheumatology

MICHAEL STEVENS
Rocky Mountain Spotted Fever: An Infectious Trigger for Adult Onset Still’s Disease

SCAN HERE FOR MORE ABOUT OUR ANNUAL RESIDENT RESEARCH AND QUALITY IMPROVEMENT DAY!