

## 13<sup>th</sup> Annual Dr. Arti Rupani Garg Resident Research and Quality Improvement Day

AM Session

Poster #

Application of a Predictive Model for Acute Pancreatitis in Severe Hypertriglyceridemia

Dr. Vineela Appalaneni | PI: Dr. Ayokunle Abegunde

2 Addressing Pitfalls in Colorectal Cancer Screening

Dr. Vineela Appalaneni | Pl: Dr. Meghan O'Halloran

5 <u>Detrimental Effects of Diet Selection in Hospitalized ESRD Patients</u>

Dr. Hanna Larson | PI: Dr. Karen Griffin and Dr. Kavitha Vellanki

6 Appropriate Diet Selection in ESRD Patients

Dr. Hanna Larson | PI: Dr. Meghan O'Halloran

9 Full Dose Valganciclovir For CMV Prophylaxis in CMV High Risk Kidney Transplant Recipients

Dr. Natalie Hobeika | PI: Dr. Sanjeev Akkina

10 A Quality Improvement Analysis of Direct Admissions

Dr. Natalie Hobeika | PI: Dr. Meghan O'Halloran

12 Brugada Pattern Unmasked by Chronic Lithium Use: A Case Study

Dr. Nicole Ahmed | PI: Dr. Khaled Dajani

13 Relationship of Collagen Metabolism Biomarkers, Left Atrial Fibrosis and Ablation Outcome in Atrial Fibrillation

Dr. Nicholas Poellinger | Pl Dr. Mushabbar Syed

Early Changes in Intimal Medical Thickening early after Heart Transplantation as Assessed by Machine Learning Analysis of Optical Coherence Tomography (OCT)

Dr. Nicholas Poellinger | PI: Dr. Max Liebo and Dr. John Lopez

19 Role of CT Coronary Angiogram in patients with equivocal/borderline or discordant findings on Stress Echocardiography

Dr. Natalia Okon | Pl: Dr. Menhel Kinno and Dr. Mushabbar Syed

Minimum Right Atrial Area is a Sensitive and Specific Marker of Elevated Right Atrial Pressures in Heart Transplant Recipients

Dr. John Levinson | PI: Dr. Joshua Newman, Dr. Menhel Kinno, Dr. Max Liebo

24 A Case on Immune Checkpoint Therapy's Impact on the Cardiac and Endocrine System

Dr. Daniel Sweeney | PI: Dr. Safeer Shah

25 <u>Difficult Decisions in the CCU: Approaching ACP Documents in Acutely III Patients</u>

Dr. Priya Uppal and Dr. Daniel Sweeney | Pl: Dr. Paul Hutchison

26 Aortic Valve Calcification Predicts Severe Classic and Paradoxical Low Flow, Low Gradient Aortic Stenosis

Dr. Collin Haraden | PI: Dr. Menhel Kinno and Dr. Mushabbar Syed

79 The Diagnostic Performance of CD4/CD8 Ratio in Sarcoidosis Patients with More Severe Disease

Dr. Austin Kaboff and Dr. Ken Palanza | PI: Dr. Emily Gilbert

30 Assessing the Process and Safety of Inter-hospital Transfers

Dr. Kyle Coots | Pl: Dr. Meghan O'Halloran

Rheuminating on Steroids

Dr. John Hickernell | PI: Dr. Meghan O'Halloran

24 Patients Should Know Before They Go: Exploring Barriers to Inpatient Diabetes Education Prior to Discharge

Dr. Julie Fedorko | Pl: Dr. Meghan O'Halloran

37 Time to Pace: When Should Patients Receive Cardiac Pacing On The Floor?

Dr. Nuwan Pathagamage | PI: Dr. Meghan O'Halloran

41 A Little Too Early

Dr. Anisha Paulson | PI: Dr. Meghan O'Halloran

44 <u>Dose-Adjusting Apixaban in Afib: A Retrospective Cohort to Improve Accuracy of DOAC Dosing</u>

Dr. Preston Baker | PI: Dr. Caroline Ball

Teaching Outpatient Resident Clinic Heuristics (TORCH): An Intervention to Improve Resident Confidence Practicing and Teaching in the Outpatient Setting

Dr. Richard Green and Dr. Abaigael Madden | PI: Dr. Ellen Parker and Dr. Nathan Derhammer

Incidence of Adverse Events is Higher when Heart Transplant Recipients are on High Versus Standard Dose Statin in Combination with Cyclosporine

Dr. Besher Kashlan and Dr. Cole Block | PI: Dr. Joshua Newman, Dr. Dennis Yu, and Dr. Max Liebo

55 Grasping at CLABSI's: A Single Institution Study

Dr. Jimmy Qiao | PI: Dr. Shruti Patel

56 <u>Just-in-Time Simulation-Based Thoracentesis and Bronchoscopy Session in Inexperienced IM Residents</u>

Dr. Jimmy Qiao and Dr. Puja Brahmbhatt | PI: Dr. Mike Stokas

59 Antibiotic Use in Severe Alcohol-Related Hepatitis

Dr. Filippa Trikantzopoulou | PI: Dr. Steven Scaglione

Assessing the Effect of Benzodiazepines and Narcotics on Hepatic Encephalopathy 90-day Re-admissions and Length of Stay

Dr. Bianca Varda, Dr. Reid Shaw, and Dr. Abhi Alur | Pl: Dr. Natasha Von Roenn

A Retrospective Study Analyzing Recurrent Left Ventricular Assist Device Driveline Infections

Dr. Kasim Malik | PI: Dr. Dennis Yu, Dr. Max Liebo, Dr. Nina Clark, and Dr. Gail Reid

Info

13th Annual

Dr. Arti Rupani Garg Resident Research and Quality Improvement (RRQI) Day

Tuesday, May 7th, 2024 Department of Internal Medicine

Schedule of Events

11:00 AM—12:00 PM

Resident Poster Session
SSOM 2nd Floor Atrium

12:00 PM—1:00 PM

Grand Rounds
featuring Abstract Competition Winners
CTRE Auditorium

1:00 PM—2:00 PM

Resident Poster Session SSOM 2nd Floor Atrium

2:15 PM—3:00 PM

Award Ceremony
SSOM 2nd Floor Atrium

In memory of Dr. Arti Rupani Garg



A graduate of the Loyola Internal Medicine Program in 2011, Dr. Arti Rupani Garg was a physician of impeccable character and charm. As a resident, she displayed a love for teaching, a passion for research, and a focus on excellent patient care. Our annual Resident Research and Quality Improvement Day was renamed in honor of Dr. Garg and her positive contributions to Loyola's Internal Medicine Residency Program.

TO ALL THE FACULTY, FACILITATORS, TEACHERS, AND MENTORS WHO MADE RESIDENT RESEARCH AND QUALITY IMPROVEMENT DAY POSSIBLE:
THANK YOU!

PM Session

Poster #

Increasing Colorectal Cancer Screening Rates at the Access to Care Clinic

Dr. Tanisha Ronnie and Dr. Veronica Williams | PI: Dr. Matthew Fitz

4 Exploring Factors that Lead to Delayed Diagnostic Paracentesis

Dr. Tanisha Ronnie | PI: Dr. Meghan O'Halloran

7 Referral Patterns for 24-Hour Ambulatory Blood Pressure Monitoring and Immediate Outcomes

Dr. Danny Kwon | PI: Dr. Kavitha Vellanki and Dr. Karen Griffin

8 Reducing Missed Critical Lab Results

Dr. Danny Kwon | PI: Dr. Meghan O'Halloran

11 Efficacy of Different Treatment Approaches for Cardiac Sarcoidosis

Dr. Frank Cai and Dr. Anisha Paulson | PI: Dr. Emily Gilbert and Dr. Rochella Ostrowski

15 <u>Trikafta Use in CF Patients Post Lung Transplant</u>

Dr. Abaigael Madden, Dr. Sean McBrayer, Dr. Tanisha Ronnie | PI: Dr. Bradford Bemiss and Dr. Sean Forsythe

16 <u>Fat-Soluble Vitamin Levels in Supplemented vs. Non-Supplemented Individuals with Cystic Fibrosis Following Lung Transplantation</u>

Dr. Abaigael Madden, Bridget Doyle RD, and Dr. Tanisha Ronnie | PI: Dr. Daniel Dilling

17 Keyword Themes in Medical Student Evaluations

Dr. Abaigael Madden, Dr. Jacob Clarke, and Dr. Sofia Ahmed | Pl: Dr. Monica Edwards Dr. Monica Maalouf

18 Trends in Thrombolytic Therapies for Acute Pulmonary Embolism from 2016-2020

Dr. Jacob Clarke, Dr. Frances Greathouse and Dr. Quinn Mallery | Pl: Dr. Amir Darki

Safety and Efficacy of Outpatient Inotropic Therapy with Milrinone vs. Dobutamine as a Bridge to Orthotopic Heart Transplant or Left Ventricular Assist Device Implantation

Dr. Brian Choi and Dr. Zubeen Azari | PI: Dr. Joshua Newman and Dr. Dennis Yu

22 Impact of Narrow vs. Wide INR Goal on Time in Therapeutic Range in Patients with Left Ventricular Assist Devices

Dr. Brian Choi, Dr. Zubeen Azari, and Dr. Natalia Okon | Pl: Dr. Joshua Newman and Dr. Dennis Yu

Improving Resident Utilization of Medication Reconciliation Resources for Reduction of 30-Day Hospital Readmissions in Cardiology Service at a University Hospital

Dr. Brian Choi | PI: Dr. Caroline Ball

27 <u>Evaluating the Cardiovascular Event Profile After Administration of Evushield™ in Lung Transplant Recipients</u>

Dr. Kevin Ching | PI: Dr. Krishnan Warrior

28 A Case of a Young Female with Peripartum Cardiomyopathy and Need for Mechanical Circulatory Support

Dr. Frances Greathouse | PI: Dr. May Bakir

Pathologic Description of Patients with Primary Hyperparathyroidism and Pre-op parathyroid hormone levels in the low normal range

Dr. Michael Gong and Dr. David Lee | Pl: Dr. Rod Marianne Arceo-Mendoza and Dr. Pauline Camacho

Association Between Distance to Surgery Center and Medication Adherence in Adult Liver Transplant Recipients

Dr. Daniel Gryzlo | PI: Dr. Jonah Rubin

Outcomes in Ethnic Minority Groups Undergoing Donor Lymphocyte Infusion Therapy

Dr. Vincent Nicchi | PI: Dr. Patrick Hagen, Dr. Stephanie Tsai and Dr. Nasheed Hossain

Review: Optimal Approach to Stem Cell Mobilization in Transplant Eligible Multiple Myeloma Patients

Dr. Jack Fitzsimons | PI: Dr. Patrick Hagen

Assessing the Predictive Value of MRSA Nares Colonization Amongst Transplant Recipients and Patients with Neutropenia

Dr. Reid Shaw, Dr. Ali Zander, Dr. Tanisha Ronnie, and Dr. Zubeen Azari | PI: Dr. Fritzie Albarillo

39 A Unique Ventricular Tachycardia Dance: An Atypical Case of QRS Alternans

Dr. Emily Janak | Pl: Dr. Peter Santucci, Dr. Sukit Ringwala and Dr. Smit Vasaiwala

Prognostic Value of Coronary Artery Calcium Scoring for Liver Transplant Recipients: A Systematic Review and Meta-Analysis

Dr. Paul Hong and Dr. Spencer Lacy | PI: Dr. Steven Scaglione and Dr. Menhel Kinno

Effect of PPI Therapy on EGD-Free Interval in Patients with Gastric Antral Vascular Ectasia

Dr. Ankita Nallani | PI: Dr. Ayokunle Abegunde

Dr. David Wong | Pl: Dr. Meghan O'Halloran

43 Epic Downtime – A Path Forward

5 Identifying Barriers to Successful Spontaneous Awakening Trials

Dr. Naveen Reddy | PI: Dr. Shruti Patel

46 <u>Mitigating Risk of Barotrauma</u>

Dr. Benjamin Follman | PI: Dr. Shruti Patel

Enhancing Communication for Optimal Vasopressor Titration in the ICU

Dr. Mary Bui | PI: Rishi Mehta

Wound Care: Putting the Sacred in Sacrum

Dr. Ann O'Neill | PI: Dr. Meghan O'Halloran

Alcohol Use Disorder: Early Stage QI Project on Anti-Cessation Medication Prescription Patterns

Dr. Abhi Alur | PI: Dr. Meghan O'Halloran

A United States Based Tertiary Medical Center Cohort Study on Microscopic Colitis and Risk of Incident Acute and Chronic Pancreatitis

Dr. Abhi Alur, Dr. Mohammed Abourahma, Dr. Dinkar Ahuja, Dr. Tanisha Ronnie | PI: Dr. Ayokunle Abegunde

53 <u>Cirrhotic Cardiomyopathy: Echocardiographic Predictors of Major Adverse Cardiac Events After Liver Transplant</u>

Dr. Spencer Lacy and Dr. Abhi Alur | PI: Dr. Scott Cotler and Dr. Menhel Kinno

54 <u>Timely Completion of Sepsis Bundles</u>

Dr. Brett Slajus | PI: Dr. Shruti Patel

7 Reducing 30-day CHF Readmissions

Dr. Cat Sawalski | PI: Dr. Meghan O'Halloran

58 <u>Double Trouble: A Rare Case of Sequential Impella Mechanical Failures</u>

Dr. Cat Sawalski and Dr. Michelle Seu | Pl: Dr. Amir Darki