

PRESENTATIONS/ABSTRACTS

**CVRF OF SO. CA. - MA FAMILY
BEST ABSTRACT PRESENTATIONS**
Theater 2 in Exhibit Hall
July 15 | 9:40 - 10:25 AM
July 16 | 9:40 - 10:25 AM

287 NICHOLAS BURRIS, MD
Early Experience With CT
Evaluation Of Valve Incorporation
Prior To TAVR Explant

**447 FELIX YUNG JIH KENG, MBBS,
MRCP, MMed**
Computed Tomography
Coronary Angiography Based
Morphological Index Predicts
Coronary Ischemia

**452 ABDUL RAHMAN IHDAYHID,
MBBS, PHD**
Comprehensive Assessment
Of Coronary Artery Disease
On CCTA Using Deep Learning
Methods

460 KERSTEN PETERSEN, PHD
Quantitative Assessment Of
AI-based CCTA Plaque Volume
Compared With IVUS

493 MICHAEL SHEARER, BA
Cross-sectional And Longitudinal
Epicardial Fat Features And
Their Mortality Implications In A
Population-based Cohort

505 DHIRAN VERGHESE, MD
Prognostic Impact Of
Progression Of Aortic
Valve Calcification On The
Development Of Aortic Stenosis:
Results From The Multi-ethnic
Study Of Atherosclerosis (MESA)

**565 DIEDERICK VERHEIJEN, MD,
MSC**
A Novel Method To Identify
An Intramural Segment In
Interarterial Anomalous Coronary
Arteries On CT-angiography

**16TH ANNUAL CANON YOUNG
INVESTIGATOR AWARDS (YIA)**
Milano V & VI
July 15 | 1:30 - 3:00 PM

303 OFIR KOREN, MD
Predictive Model Of Iliofemoral
Vascular Complications Following
Transfemoral Transcatheter Aortic
Valve Replacement: Development
And Initial Validation

393 SEOKHUN YANG, MD
Long-term Prognostic Value Of
Hemodynamic Assessment And
Plaque Quantification In Coronary
CT Angiography

**394 ALEXANDER RAZAVI, MD,
PHD, MPH**
Discordance Between Coronary
Artery Calcium Area And Density
Predicts Long-term Atherosclerotic
Cardiovascular Disease Risk

496 REBECCA JONAS, MD
Predicting Ischemia Using QCT
Versus Functional Testing

502 DONGHEE HAN, MD
Temporal Changes In Prognostic
Outcomes Among Patients
Undergoing Coronary Artery
Calcium Scanning: 1998 To 2013

582 JORGE CHAVARRIA, MD
Validation Of Aortic Valve
Computed Tomography Calcium
Quantification In Contrast
Computed Tomography

EDUCATIONAL ABSTRACTS
Exhibit Hall
July 15 | 9:40 - 10:25 AM

1 BERNARDO GONCALVES, MSC
An Endemic Disease In Brazil.
Angiotomography Findings As A
New Diagnostic Tool

2 FAY LIN, MD
Lower CAC Density And Age
Increase The Mortality Of Early
Atherosclerosis: Explainable ML
In The CAC Consortium

4 JAMES WILLIAMS, MD
Intracardiac Bone Cement
Embolism After Percutaneous
Kyphoplasty: A Representative
Case And Review Of Imaging
Features

**5 PATRICIA CARRASCOSA, MD,
PHD, MSCCT**
Anomalous Origin Of The Left
Circumflex Artery From The Right
Coronary Sinus. True Benign Or
Potential Malignant Variant?

6 HARI RAJAGOPAL, MD
Rare Variant Of Truncus
Arteriosus With Interrupted
Aortic Arch And Absent
Ascending Aorta

**7 PATRICIA CARRASCOSA, MD,
PHD, MSCCT**
CT Angiography In The Vascular
Thoracic Outlet Syndrome

8 SAIRA SIDDIQUI, MD
Coronary Artery Obstruction In
Children Following The Arterial
Switch Operation

**9 PRABHAKARAN
GOPALAKRISHNAN, MD**
Aneurysm Or Pseudoaneurysm?
Multimodality Imaging In Patient
With Left Ventricular Aneurysm
Repair (Dor Procedure)

10 ARPIT AGARWAL, MD
Diagnosis And Management Of
Patients With Transposition Of
Great Arteries And Coronary
Artery Anomalies

11 JEREMY SLIVNICK, MD

An Odd Place For A Pouch: A Case Of Left Ventricular Outflow Tract (LVOT) Pseudoaneurysm Complicating Valve-in-Valve Transcatheter Aortic Valve Replacement (TAVR)

12 PRABHAKARAN**GOPALAKRISHNAN, MD**

Delayed Contrast Enhanced Computed Tomography For Evaluation Of Cardiac Mass In A Patient With Implantable Cardiac Defibrillator

13 AIDEN ABIDOV, MD, PHD

Advanced CCTA Image Post-Processing In Identifying LAD Myocardial Bridging Anatomy

14 MOHAMED ABDELMOTLEB, MD

The Role Of CT In Imaging Of Sudden Cardiac Death

15 ABDULAZIZ ALATA, MBBS

Early Inflammatory Reaction Of Aortic Homograft

16 KATHERINE GLOVER, DO

The Use Of Cardiac Computed Tomographic Angiography In Pulmonary Atresia With Major Aortopulmonary Collateral Arteries (MAPCAs) For Surgical Planning

EDUCATIONAL ABSTRACTS

Exhibit Hall

July 16 | 9:40 - 10:25 AM

3 JEREMY SLIVNICK, MD

Multiple Pulmonary Veins Stenoses As Complication Of Radiofrequency Catheter Ablation Of Atrial Fibrillation: The Diagnostic Role Of Cardiac Tomography

17 REID GOODMAN, MD

Multimodal Advanced Cardiac Imaging As A Virtual Patient Avatar For EP Planning And Performance Of Incisional Atrial Flutter Ablation In The Setting Of D-TGA Status-Post Mustard Surgery

18 SHIVA BARFOROSHI, MD

Pericardial Constriction With Severe Calcification As Chronic Sequelae Of Tuberculosis

19 MARCELO MORRICE, MD

Giant Coronary Aneurysm Associated With Mis-c In An Infant - A Case Report

20 MAXINE NELSON, MD

Dissecting The Dissection: The Tale Of Aortic Dissection Repair And Re-dissection

21 MARTA BELMONTE, MD

CT-guided PCI

22 DANIEL BURCZAK, MD

Unicuspid Aortic Valve On Cardiovascular Computed Tomography

23 CAMERON OVERFIELD, MD

Mitraclip Transcatheter Mitral Valve Repair System: A Review Of Imaging Findings And Postprocedure Complications

24 BRANDON SKAVLA, MD

Utilizing Multimodality Imaging To Diagnose Perivalvular Extension Of Infection In Infective Endocarditis

25 JOAO CAVALCANTE, MD

Role of Cardiac CTA in the Evaluation of Transcatheter Edge-to-edge Tricuspid Repair - Insights From The Triluminate Piboal Imaging Substudy

26 GREGORY AIRD, MD

Computed Tomography Findings Of Postinfarction Papillary Muscle Rupture

27 JAMIE KAPPLINGER, MD, PHD

CT Imaging Of A Berlin Heart Excor® Pediatric Circulatory-support Device

28 FERNANDA ERTHAL, MD

Lipomatous Hypertrophy Of Interatrial Septum (Ihis): Findings On Coronary CT Angiography

29 TORAL PATEL, MD

Beyond The Coronaries: Causes Of Chest Pain Evaluated By CCTA

30 TORAL PATEL, MD

Using Coronary CTA To Guide Coronary Revascularization

31 JULIA POE, MD

A Review Of Fungal Infections Involving The Heart And Aorta

32 DENNIS ADAQUAH, MD

CTA Findings Of Covid-19 Coronary Artery Aneurysm In Children

POSTER ABSTRACTS

FRIDAY, JULY 15 | 9:40 - 10:25 AM

POSTER SESSION 1

Artificial Intelligence/Machine Learning

334 MÁRTON KOLOSSVÁRY, MD, PHD

Assessment Of Structural Changes In Coronary Plaque Morphology Beyond Volumetric Changes Following Therapeutical Interventions

427 VY BUI, PHD

Deepheartct: A Fully Automatic Hybrid Structure Segmentation Framework Based On Atlas, Reverse Ranking, And Convolutional Neural Network For Computed Tomography Angiography

435 GEORGIOS TZIMAS, MD

Nomographic CT Quantitative Plaque Data From A Large International Population

443 AMRO SEHLY, MBBS

Artificial Intelligence Based CT Quantification Of Left Ventricular Mass

475 MARCUS Y. CHEN, MD

Fully Automated Quantification Of Epicardial And Thoracic Adipose Tissue From Cardiovascular Computed Tomography

477 MARCUS Y. CHEN, MD

Automated Assessment Of Global Left Ventricular Function And Mass By Cine Computed Tomography Angiography

482 QINGTAO ZHOU, PHD

Comparing Different Segmentation Models For The Aorta Based On St. Francis Heart Study

488 JAMES OTTON, MBBS PHD

A Novel Machine Learning Technique For Detecting Cardiac Substructures In Computed Tomography

506 VENKAT SANJAY

MANUBOLU, MD, MPH
Evaluation Of A Deep Learning Based Fully Automated Coronary Calcium Scoring Algorithm, CardIQ Suite Software

521 LUAY HUSSEIN ALALAWI, MD

Prevalence Of Atherosclerosis And Plaque Types Among Firefighters Assessed By CCTA-based Quantitative Coronary Plaque Analysis

566 ANHA TELLURI, BA

AI QCT: Novel Plaque Thresholds To Predict Cardiac Outcomes: On Behalf Of The Conserve Investigators

594 YUMIN KIM, BA

AI-QCT: Gatekeeper For Invasive Angiography? CONSERVE Sub-Study

596 WILLIAM GRIFFIN, MD

Assessment Of Atherosclerotic Plaque Burden: Comparison Of AI-QCT Versus SIS, CAC, Visual And CAD-RADS % Stenosis Categories

598 CATHERINE CANTLAY, BS

Opportunities For Enhanced Preventive Therapies Through Ai-QCT: Multicenter Study

603 PEDRO COVAS, MD

Canary In A Coal Mine In NSTEMI? AI-QCT Evaluation Of Atherosclerosis And 2-year Outcomes After CCTA

POSTER SESSION 2

Comparative/Multimodality Imaging/Resource Utilization

305 AMGAD MAKARYUS, MD

Assessment Of Coronary Artery Plaque Distribution In Patients Of Haitian Descent Using Coronary CT Angiography

363 ROWENA SOLAYAR, MBBS,

B.MED SC (HONS), FRACP
The Utility Of Standard, Diastolic Phase, Cardiac Computed Tomography (dCCT) In Diagnosing And Identifying High Risk Features In Apical Hypertrophic Cardiomyopathy (ApHCM)

422 RUDOLF KOLOZSVARI, MD, PHD

The Effect Of Increased Flow In Aortic Stenosis On Paravalvular Contrast Densities-Correlation With Echocardiography Parameters In Focus

494 TIFFANY NI, MSC

ICardiac Investigation Trends Among Primary Care Physicians: A Paradigm Shift

517 MRINALI SHETTY, MD

Impact Of The 2021 Chest Pain Guideline On Coronary CTA vs SPECT MPI Trends From A Multi-center Community Healthcare System

POSTER SESSION 3

Congenital Heart Disease/ Cardiomyopathies/Chest Pain

390 MOHAMED NAGIUB, MD

FAAP
Value Of Cardiac CT In Children And Young Adults With Congenital Heart Disease And Infective Endocarditis

398 ANA VASQUEZ CHOY, MD

Cardiac CT Ductal Insertion Pattern And Risk Of Branch Pulmonary Artery Stenosis

403 PATRICIA CARRASCOSA, MD, PHD, FSCCT

Lessons From Ischemia Trial In The Clinical Role Of Coronary Computed Tomography

431 MATTHEW DEICKE, DO

Analyzing Reporting Language And Communication Patterns Following Coronary CT Angiography (CCTA)

453 RAVI VAMSEE, MBBS

Single vs Biplane 3D Augmented Overlay Guidance To Assist Congenital Cardiac Catheterisation Interventions

464 LU CHEN, MD

Increasing Use Of ED Chest Pain Triage With Coronary CTA Does Not Devolve Into Low-risk Imaging

497 DONGHEE HAN, MD

Comparison Between Cardiac Magnetic Resonance Imaging And Cardiac Computed Tomography For Quantification Of Myocardial Extracellular Volume Fraction: A Meta-analysis

569 MARIANA PAIVA, MD

Use Of Coronary Calcium Score To Refine The Cardiovascular Risk Classification Of The New Score-2 And Score-2 Op Algorithms In Patients Undergoing Coronary CT Angiography

578 SHINICHIRO MASUDA, MD

Comparison Of The Syntax Score 2020 Based On Coronary Artery Computed Tomography (CCTA) With Invasive Coronary Angiography (ICA)

POSTER SESSION 4

Novel Hardware Technology/Scan Modes/Acquisition Protocols/ Contrast Injection Protocols

361 DANIEL KARLSBERG, MD

Impact Of Visceral Abdominal Tissue On Coronary Artery Disease As Defined By Quantitative Computed Tomographic Angiography

414 MEGAN PELTER, MD

Image Quality, Radiation Dosimetry, And Diagnostic Accuracy Of Whole Heart Single Heartbeat Coronary CT Angiography As Validated By Invasive Coronary Angiogram In A High Calcium Score Population

416 DRIES BELSACK, MD

Diagnostic Performance Of Coronary CT Angiography By 0.23ms CT Gantry Rotation Time In Patients With High Heart Rates: A Preliminary Study

455 LEENING LIU, BS

Stability Of Spectral Results For Cardiac CT With Dual-source Photon-counting CT

481 BORBÁLA VATTAY, MD

The Impact Of Virtual Monoenergetic Image Energy Levels On Pericoronary Adipose Tissue Attenuation Using Dual-source Photon-counting Detector Computed Tomography

484 BORBÁLA VATTAY, MD

The Effect Of Quantum Iterative Reconstruction Levels On Coronary Calcium Scores Using Dual-source Photon-counting Detector Computed Tomography: In Vivo Experience

487 JOHN STENDAHL, MD, PHD

CT Imaging Of Gadolinium And Iodine Doped Bioresorbable Vascular Scaffolds

516 VINIT BALIYAN, MD

Feasibility Of Reduced Iodine Load Cardiac CT For Transcatheter Tricuspid Valve Replacement

POSTER SESSION 5

FFR/Physiologic Imaging/ Myocardial Perfusion

391 BORBÁLA VATTAY, MD

The Association Between Coronary Plaque Volume And Myocardial Ischemia As Detected By Dynamic Perfusion CT Imaging

399 NOBUO TOMIZAWA, MD, PHD

Kinetic Energy Of Coronary Flow Improves The Detection Of Functionally Significant Coronary Stenosis

417 LOGAN HUBBARD, MD, PHD

Vessel-Specific Quantitative Flow Measurement With A Low-Dose Comprehensive Cardiac CT Technique Versus 82^{RB} PET - Preliminary Validation In Human Subjects

426 ANGELO TAKIGAMI, MD

Feasibility And Clinical Outcomes Of Integrating CT-derived Fractional Flow Reserve (FFR_{CT}) Into Clinical Practice: Insights From A Large Academic Medical Center

461 AFIACHUKWU ONUGBU, MD, MPH

The Clinical Significance Of The Change In FFR_{CT} From The Proximal To Distal Coronary Artery Segment In Patients With Non-obstructive Coronary Artery Disease

469 AFIACHUKWU ONUGBU, MD, MPH

Continuous FFR_{CT} As A Predictor Of Significant Coronary Artery Disease On Invasive Coronary Angiography

509 SILVIA SMOLKA, MD
Imaging Parameters And Their
Impact On Analysis Time In CT_{FFR}

522 MARIUSZ KRUK, PHD
Pre-cabg Assessment Of
Coronary Stenosis With FFR_{CT}
Predicts Future Graft Failure.
Implications For Planning Of
Invasive Treatment Of CAD

564 MARTA BELMONTE, MD
Accuracy Of The FFR_{CT} Planner In
Coronary Calcific Lesions

430 STELLA SAVARIMUTHU, MD
Three-dimensional High
Resolution Lagrangian Strain
Analysis In The Right Ventricle
Using CineCT In A Porcine Model

448 HAMED CHERIF IJGUA, MD
CT Assessment Of Right
Ventricular Ejection Fraction
And Free Wall Strain In Patients
With Severe Tricuspid Valve
Regurgitation: Comparison With
Echocardiography

POSTER SESSION 6 LV/RV Function, Chamber Dimensions

362 HUI LI, BS
IDeep Learning Enables
Automated Evaluation Of Global
Longitudinal Shortening From
Cine CT

400 MIHO FUKUI, MD, PHD
Volumetric Right Ventricle
Assessment Post
Transcatheter Aortic Valve
Replacement: findings In Routine
Clinical Practice And Implications
For Outcome

412 AMANDA CRAINE, BS
Myocardial Work Estimation With
Ct Aids Evaluation Of Regional
Right Ventricular Function

415 MOHAMED CHERIF IJGUA, MD
Assessment Of Global Left
Ventricular Function And Left
Ventricular Strain In Patients
Referred For Transcatheter
Aortic Valve Implantation: Head
To Head Comparison Between
Echocardiography And CT

418 NISHA HOSADURG, MBBS
Favorable Cardiac Remodeling
After Tendyne Transcatheter
Mitral Valve Replacement: A
Cardiac Computed Tomographic
Evaluation

SATURDAY, JULY 16 | 9:40 - 10:25 AM

POSTER SESSION 7

Non contrast cardiac CT: Coronary Calcium

359 PEDRO LOPES, MD

Implications Of The North American 2021 Chest Pain Guidelines In The Diagnostic Approach To Patients With Stable Chest Pain And Low Pretest Probability Of Obstructive Coronary Artery Disease

373 JAIRO ALDANA-BITAR, MD

CAC Score Correlation Between Artificial Intelligence Augmented Cardiac CT And Expert Human Readers: Early Clinical Experience

397 JAVIER PEREZ-CERVERA, MD

Influence Of BMI On Virtual Coronary Artery Calcium Scoring 4DCT

407 PEDRO LOPES, MD

Influence Of Age On The Diagnostic Value Of Coronary Artery Calcium Score For Ruling Out Coronary Stenosis In Symptomatic Patients

411 ANIKA ROSS, DO

Use Of Coronary Calcium In Real-world Risk Profile Of Firefighters

421 MARLY VAN ASSEN, MSC, PHD

Clinical Validation Of A Convolutional Neural Network For Automated Coronary Artery Calcium Score Quantification Using An Heterogenous Multivendor CT Dataset

428 DEVIN HADDAD, MD

Coronary Artery Calcification On CT Pulmonary Angiograms; Prevalence, Frequency Of Reporting And Impact On Clinical Management - A Single Center Tertiary Hospital Experience

442 DALE BLACK, AP

Quantification Of Calcium Mass For Cases With Near Zero Coronary Artery Calcium Score

451 MING-TING WU, MD

CT Density Score Of Coronary Artery Calcification Is Not Reliable - A Phantom And Human Study

458 MICHAEL FATTOUH, MD

Power Of Zero In Underrepresented Minorities With Chest Pain

462 ANDREW CHAPEL, MD

Differences In Patient Characteristics And Coronary Calcium Score Computed Tomography In Self-referred Versus Physician-referred Population In A Large Midwestern Healthcare Network

495 VENKAT SANJAY MANUBOLU, MD, MPH

Distribution Of Coronary Artery Calcium In Diabetes Versus Non-diabetes Population: Multiethnic Study Of Atherosclerosis (MESA)

508 KHADIJE AHMAD, MD

Correlation Between Fatty Liver Disease And Coronary Artery Calcium (cac) Measured By Cardiac Ct In Patients With Type II Diabetes Mellitus (DM)

519 SONG SHOU MAO, MD

Quantification Of Hepatic Steatosis On Chest CT: A Novel Method

520 DHIRAN VERGHESE, MD

Coronary Calcium And Obstructive Coronary Artery Disease

581 ORIT WIMPFHEIMER, MD

Coronary Calcium Category Measurement Using Automated Post-processing Software On Non-gated Cardiac CT Images

POSTER SESSION 8

Noncardiac Findings/Other

271 JAMES GOLDFARB, PHD

Cardiovascular Computed Tomography And FFR_{CT} In The United States Medicare Population From 2013-2020

333 DAVID HUR, MD

Cardiovascular Computed Tomography Education In Current-day Trainees: Results From SCCT'S 2021 International CCT Training Survey

401 FRANCESCO CASTAGNA, MD

Visual Aortic Calcium Scoring On Chest CT Predicts Mortality In Patients With LDL-C \geq 190 MG/DL

445 HSIN TUNG YAP, BSC

Quantification Of Epicardial Adipose Tissue On Non-Contrast CT: Reproducibility In A Cohort Of 50 Asian Patients

446 NUR AMIRAH SYAHINDAH

RAFFIEE, BENG
Relationship Between Eat Volume And Cardiovascular Risk Factors

588 ANDREW CHOI, MD, FSCCT

Worldwide Impact Of Cardiac Computed Tomography Through Social Media: The Power Of #YesCCT (on Behalf Of #CardioTwitter And #CVRad)

589 VENKAT SANJAY MANUBOLU, MD, MPH

Accurate Bone Mineral Density Assessment Using Routine Heart CT Scan

POSTER SESSION 9

Plaque Imaging

272 GIULIO CABRELLE, MD

Usefulness And Clinical Implications Of Plaque Analysis And PfaI For The Evaluation Of Cardiovascular Risk

381 SUBIR BHATIA, MD

Lower Extremity Atherosclerotic Plaque Burden And Composition Can Be Assessed Via CT Angiography With High Inter-reader Reproducibility

444 LOHENDRAN BASKARAN, MBBS, MMED

Plaque Analysis Identifies Residual Inflammation In Patients With Recent Acute Myocardial Infarction: Comparison In An Asian-Pacific Cohort

466 DANIEL BITTNER, MD

Interleukin-1a And MCP-1 And Their Opposite Association To Traditional High-risk Plaque Features On Coronary CT Angiography

483 MILAN VECSEY-NAGY, MD

Levels Of Troponin T Correlate With The Overall Plaque Burden Of Patients Referred For Coronary CTA

498 DONGHEE HAN, MD

Predictors Of Coronary Atherosclerotic Plaque Progression Assessed By Serial Coronary C Angiography In Patients With Diabetes: From Proceed Study

503 EMILY JAALOUK, MD

Evaluating The Relationship Between Diastolic Function And Total Plaque Burden As Determined By Cardiac CT

511 LUAY HUSSEIN ALALAWI, MD

Prevalence Of Atherosclerotic Plaque Types In Patients With Diabetes And Metabolic Syndrome

514 VENKAT SANJAY MANUBOLU, MD, MPH

Association Between Coronary Artery Calcium And Calcified Plaque Volume And Their Ability To Predict Obstructive Coronary Artery Disease: Clarify Registry

570 SUVASINI LAKSHMANAN, MD, MS

Association Of Plasma Lipid Metabolomics And Coronary Plaque Progression In The Evaporate Trial

593 NAVNEET SINGH, MD, PHD, MPH, FRCPC

Should We Look For High-Risk Carotid Plaques In Patients With Coronary Artery Calcium?

POSTER SESSION 10

Prognostic Evaluation/Risk Stratification

342 MÁRTON KOLOSSVÁRY, MD, PHD

Proteomic Signature Of Early Coronary Artery Disease In People With Hiv: Analysis Of The Reprieve Mechanistic Substudy

377 RAMI ABAZID, MD

Predictive Value Of Coronary Computed Tomography Angiography Compared To Myocardial Perfusion Imaging In Patients With Coronary Stents

405 ANDERSON SCOTT, BS

Free Wall And Septal Wall Right Ventricular Strain With CT For Postoperative Right Ventricular Failure Risk

429 HARINI SHAH, BS

Coronary Artery Plaque Assessment In Inflammatory Bowel Disease

515 KEIICHIRO KURONUMA, MD

Prognostic Value Of Main Pulmonary Artery Diameter On Coronary CT Angiography For All-cause Mortality In Patients Without Obstructive Coronary Artery Disease

568 MARIANA PAIVA, MD

Potential Impact Of Replacing Score With Score-2 On Risk Classification And Statin Eligibility - A Coronary Calcium Score Correlation Study

579 CHRISTINA RODRIGUEZ RUIZ, MD

LDL Particle Number Association With Plaque Burden In Patients With Normal LDL-C

POSTER SESSION 11

Structural Heart Disease (excluding valves)/EP/Arrhythmia

349 SOTIRIOS EVANGELOU, MD

Cardiac Computed Tomography Prior And After A Transcatheter Occlusion Of An Aortic Pseudoaneurysm With The Amplatzer Device: A Case Report

375 JAD MROUE, MD

Proximity Of Coronary Arteries To Tricuspid Annulus As Determined By Computed Tomography

378 SPENCER KITCHIN, MD

The Effect Of Icosapent Ethyl On Left Atrial And Left Ventricular Morphology

486 DREW THOMAS, DO

Watchman Flx Device Sizing Based On CT Left Atrial Appendage Area And Perimeter

501 HENRY UKWU, MD

Assessing Atriclep Success With Cardiac CT: A Real World Experience

600 MELISSA RUBIN, DO

ECG Gating Matters: Thoracic Aortic Size Varies By Cardiac Phase

POSTER SESSION 12

Valves/TAVR/TMVR

270 GEORGE CHRYSANT, MD

Cardiac CTA Parameters Can Decrease Pacemaker Rate After TAVR

273 GEORGE CHRYSANT, MD

Pre-TAVI Aortic Annulus Sizing: Comparison Between Manual And Semi-automated New Generation Software Measurements

306 ANDREA ANNONI, MD
 Commissural Misalignment Is An Independent Predictor Of Leaflet Thrombosis After Transcatheter Aortic Valve Implantation

309 SUSANNE JUNG, MD
 Performance Of CT-based Aortic Valve Area For Assessment Of Aortic Stenosis

341 GURMAN SANDHU, MBBS
 Ticagrelor To Reduce Myocardial Injury In Patients With High-risk Coronary Artery Plaque

376 NATALIE MARRERO, BS
 Association Of Inflammation And Lipoprotein(a) With The Burden Of Aortic Valve Calcification

379 RUBEN EVERTZ, MD
 How Much Experience Is Required For Aortic Valve Morphology Assessment And Valve Size Selection In TAVR Patients?

402 ANNA STRECKENBACH, PA
 High-pitch Non-ECG-gated CT Angiography For transcatheter Aortic Valve replacement Planning: A Comparison To A ECG-gated CTA Protocol And Impact On Clinical Outcome

404 HIDEKI KOIKE, MD
 Importance Of Imaging Acquisition Protocol And Post-processing Analysis Methods For Extracellular Volume Fraction Assessment By Computed Tomography

437 OLIVIA LAMPING, MD
 Right Ventricular Function By Cardiac Computed Tomography As A Predictor Of 1-&3-year Survival Post-TAVI

441 JEREMIAH HAINES, DO
 A Novel Cardiac Ct-Based Left Ventricular Outflow Tract Diameter Measurement Improves Concordance Between Aortic Valve Area And Gradient In Severe Low-gradient

Aortic Stenosis Compared To Echocardiography

468 PANKAJ MALHOTRA, MD
 Increased CT Angiography-Derived Extracellular Volume Fraction Predicts Less Benefit In Left Ventricular Remodeling And Ejection Fraction After Transcatheter Edge To Edge Repair For Severe Mitral Regurgitation

476 MATTHEW SHOTWELL, MD
 Novel Method Of Deriving Aortic Valve Calcium Score From Contrast Enhanced Computed - Tomography Angiography: Validation And Gender Specific Implication

479 ANDREW LESSER, MD
 Intermodality Comparison Of Myocardial Extracellular Volume Fraction Assessment In Patients With Severe Aortic Stenosis Undergoing TAVR Evaluation

601 ABHIRAJ SINHA, BSA
 Assessing The Impact Of Non-Calcific Volume On True-severe AS Severity Relative To Aortic Valve Calcium Score And Dobutamine Stress Echocardiography