

2019 ANNUAL MEETING

September 14-17, 2019

**Hyatt Regency Seattle
Seattle, Washington**

WI-FI
NETWORK
Hyatt_Meeting
PASSWORD
nasci2019

SEPTEMBER 14-17, 2019

AGENDA

SATURDAY, SEPTEMBER 14, 2019

8:00 am – 5:30 pm	Registration/Information Desk Open
9:00 am – 10:40 am	Cardiac CT Bootcamp Session 1 – Getting Started Moderators: <i>Shawn Teague, Brian Ghoshhajra</i>
9:00 am	Cardiac Imaging Business 101 <i>Bijan Bijan</i>
9:15 am	Performing/Reporting Coronary CT in Private Practice Realm: Tools for Success <i>Rachael Edwards</i>
9:30 am	Cardiac CT Credentialing <i>Brian Ghoshhajra</i>
9:45 am	Patient Prep & Safety <i>Jill Jacobs</i>
10:00 am	Post-Processing Including FFRct <i>Nikhil Goyal</i>
10:15 am	Common Protocols and Indicators <i>Dominique DaBreo</i>
10:30 am	Q & A
10:40 am – 10:50 am	BREAK
10:50 am – 12:15 pm	Cardiac CT Bootcamp Session 2 – Basics Moderators: <i>Amar Shah and Eric Williamson</i>
10:50 am	Coronary Anatomy and Anomalies <i>Mina Hanna</i>
11:05 am	Ca Score <i>Suma Konety</i>
11:20 am	Native Coronary Artery Disease and CAD RADS <i>Amar Shah</i>
11:35 am	Coronary Artery Bypass Grafts <i>Demetrios Raptis</i>
11:50 am	Cardiac CT for Atrial Fibrillation Ablation <i>Eric Williamson</i>
12:05 pm	Q & A
12:15 pm – 1:15 pm	LUNCH ON YOUR OWN
1:15 pm – 2:40 pm	Cardiac CT Bootcamp Session 3 – Case Based Moderators: <i>Scott Akers and Clinton Jokerst</i>
1:15 pm	Pericardial Disease <i>Satinder Singh</i>
1:30 pm	Cardiac Masses <i>Sandeep Hedgire</i>
1:45 pm	Role of CT Imaging in Adult Congenital Heart Disease <i>Clinton Jokerst</i>
2:00 pm	Triple Rule Out CT <i>Gauri Rani Karur</i>
2:15 pm	Mistakes We All Make: Making the Black Box of the Heart More Transparent <i>Dominique DaBreo</i>
2:30 pm	Q & A
2:40 pm – 3:00 pm	BREAK
3:00 pm – 4:10 pm	The Year in Review – Editors Picks Moderators: <i>Charles White and Suhny Abbara</i>
3:00 pm	JTI <i>Diana Litmanovich</i>
3:10 pm	International Journal of Cardiovascular Imaging and Radiology: Cardiovascular Imaging <i>Suhny Abbara</i>
3:30 pm	JACC CVI <i>Koen Nieman</i>
3:40 pm	Circulation Cardiovascular Imaging <i>Pamela Woodard</i>
3:50 pm	Radiology <i>David Bluemke</i>
4:00 pm	Discussion
4:10 pm – 4:40 pm	BREAK
4:40 pm – 5:40 pm	Is the Future of Radiology Augmented? Moderator: <i>Greg Kicska</i>
4:40 pm	Augmented Reality in Medicine: Stories from Around the Globe with HoloLens 2 <i>Mark Day</i>
5:20 pm	Q & A
5:45pm – 7:15 pm	WELCOME RECEPTION in Exhibit Hall

AGENDA

SUNDAY, SEPTEMBER 15, 2019

NEW
THIS YEAR!

6:30 am – 4:30 pm	Registration/Information Desk Open
7:00 am – 8:00 am	NASCI CHARITABLE EVENT FUN RUN
7:00 am – 8:00 am	Round Table I: Cardiac Imaging in Community Practice Moderators: <i>Joan Lacomis, Rachael Edwards and Christopher Francois</i>
7:00 am – 8:00 am	Scientific Session I Moderators: <i>Achala Donuru and Maureen Hood</i>
7:00 am	Right Ventricular Function after Anthracycline Therapy <i>Thiago Ferreira de Souza</i>
7:12 am	Aortic Remodeling after Anthracycline Therapy <i>Thiago Ferreira de Souza</i>
7:24 am	Ferumoxitol-Enhanced MRA for Evaluation of the Pulmonary Vascular Network <i>Arash Bedayat</i>
7:36 am	Higher Between Subject Variability in Native T1 Mapping of Low Risk Patients than Healthy Volunteers: Important Consideration for Development of Scanner-Specific Normal Ranges <i>Jonathan Rodriguez-Ortiz</i>
7:48 am	Automatic Detection of Myocardial Fibrosis with Pre-Contrast MOLLI Acquisition <i>Jing Liu</i>
8:00 am – 10:10 am	Cardiac Muscle Revealed! Advances in MR Imaging of the Heart (SAM) Moderators: <i>Karen Ordovas and Carole Dennie</i>
8:00 am	Presidential Address <i>Karen Ordovas</i>
8:10 am	PAULIN KEYNOTE LECTURE: From Imaging Finding to Image-Guided Patient Care: How Imagers Improve Cardiovascular Health <i>Matthias Friedrich</i>
8:40 am	Parametric Mapping <i>Vanessa Ferreira</i>
9:00 am	T1 Mapping and ECV with CT <i>David Bluemke</i>
9:20 am	Advanced Strain Imaging in Non-Ischemic Cardiomyopathy <i>Karen Ordovas</i>
9:40 am	Cardio-Oncology <i>Daniel Ocaziones</i>
10:00 am	Q & A
10:10 am – 10:30 am	BREAK
10:30 am – 12:00 pm	Ischemic Heart Disease - New Frontiers Moderators: <i>Geoff Rubin and Gautham Reddy</i>
10:30 am	FFRct - Science and Validation <i>Geoff Rubin</i>
10:45 am	FFRct - Clinical Utility and Novel Applications <i>Jonathon Leipsic</i>
11:00 am	Advanced Plaque Analysis <i>Narinder Paul</i>
11:15 am	Photon-Counting CT - Future Prospects for Ischemic Heart Disease <i>Martin Willemink</i>
11:30 am	PET MR in Ischemic Heart Disease <i>Pamela Woodard</i>
11:45 am	Q & A
12:00 pm – 1:15 pm	LUNCH
1:15 pm – 3:10 pm	Cutting Edge Technology and AHA Session Moderators: <i>Prachi Agarwal and Rachael Edwards</i>
1:15 pm	Principles of Deep Learning for Cardiac Imaging <i>Benoit Desjardins</i>
1:30 pm	Single and Multiframe Superresolution -- Feasibility for Cardiac MRI <i>Evan Masutani</i>
1:40 pm	Inter-observer Reliability of the CAD-RADS System in Clinical Practice <i>Jiun Yiing Hu</i>
1:50 pm	Sexual Dimorphism in the Association between Coronary Plaque Burden and Ascending Aorta 4D Deformation <i>Ahmed Hamimi</i>
2:00 pm	The Heart as a Spring, the Measurement of Myocardial Bounce to Assess Left Ventricular Diastolic Function on Cardiac MR <i>Erica Qiao</i>
2:10 pm	Evaluation of Epicardial Adipose Tissue in the CT Assessment of Coronary Disease <i>Jean Jeudy</i>
2:25 pm	Assessment of Prediction of Adverse Events using Atrial Measurements in CTPA of Patients with Acute Pulmonary Embolism (PE) <i>Rachael Kirkbride</i>
2:35 pm	Creation of Extracellular Volume Fraction (ECV) Maps from Cardiac CT and Deformable Motion Registration: Comparison with CMR for Assessment of Myocardial Fibrosis <i>James Schroeder</i>
2:45 pm	Interobserver Agreement in Measurement of CT Derived Fractional Flow Reserve (FFRCT) using a Machine Learning Based Algorithm <i>Fatemeh Kaghazchi</i>
2:55 pm	Q & A
3:10 pm – 3:20 pm	BREAK
3:20 pm – 4:20 pm	Image Interpretation Panel Team Competition Moderator: <i>Greg Kicska</i> Team #1: <i>Tami Bang, Hajime Sakuma, Harold Litt</i> Team #2: <i>Suhny Abbbara, Charles White, Cristina Fuss</i> Team #3: <i>Prachi Agarwal, Rachael Edwards, Daniel Ocaziones</i>
4:30 pm – 6:00 pm	Moderated Poster Session Moderators: <i>Scott Akers, Achala Donuru, Ahmed Gharib, Mayhil Krishnam</i>
7:00 pm – 10:00 pm	NASCI GALA – Space Needle

AGENDA

MONDAY, SEPTEMBER 16, 2019

6:30 am – 5:30 pm	Registration/Information Desk Open
7:00 am – 8:00 am	Breakfast
7:00 am – 8:00 am	Scientific Session II Moderators: <i>Francies Chan and Christopher François</i>
7:00 am	DWI in Clinical Cardiovascular MRI: A Feasibility Study <i>James Glockner</i>
7:12 am	Generalization of Deep-Learning Based Cardiac MRI Plane Prescription from 1.5T to 3T <i>Kevin Blansit</i>
7:24 am	Radiation Dose Reduction in Coronary Computed Tomography Angiography Using a Third-Generation versus First-Generation 320 Multidetector-Row Scanner <i>Juliano Fernandes</i>
7:36 am	Reporting Coronary Artery Calcification on Non-Contrast Chest CT Scans: A Quality Improvement Initiative <i>Kesav Raghavan</i>
7:48 am	Deep Learning-Based Background Phase Error Correction for 4D Flow Cardiac MRI <i>Michael Horowitz</i>
8:00 am – 9:55 am	CONCURRENT SESSION 1A Pediatric - Congenital Cardiac Imaging Moderators: <i>Taylor Chung and Sean Lang</i>
8:00 am	Lymphatic System Imaging <i>David Biko</i>
8:15 am	Evaluation of the Neonate with Heterotaxy <i>Karen Lyons</i>
8:30 am	Fetal Echocardiography <i>Sujatha Buddhé</i>
8:45 am	Fetal Cardiac MRI <i>Dianna Bardo</i>
9:00 am	4D flow MRI in the Clinical Setting <i>Christopher François</i>
9:15 am	Quantitative 4D in CHD: Pearls and Pitfalls <i>Albert Hsiao</i>
9:30 am	Approach to Calculating AVV Regurgitation <i>Randolph Otto</i>
9:45 am	Q & A
9:55 am - 10:15 am	BREAK
10:15 am – 11:55 am	CONCURRENT SESSION 1A Adult Congenital (SAM) Moderators: <i>Prachi Agarwal and Luana Stanesco</i>
10:15 am	Conotruncal Surgeries <i>Anil Attili</i>
10:30 am	Functional Imaging in Aortic Coarctation <i>Phillip Young</i>
10:45 am	Unrepaired CHD Presenting in Adults <i>Prachi Agarwal</i>
11:00 am	4D Flow in Aortopathy Associated with Collagen Vascular Diseases <i>Nagina Malguria</i>
11:15 am	Spectrum of Congenital Aortic Valve Disease <i>Cristina Fuss</i>
11:30 am	Clinical Outcomes of Single Ventricle Repair <i>Yonatan Buber</i>
11:45 am	Q & A
8:00 am – 9:55 am	CONCURRENT SESSION 1B Advanced CMR Workshop - Group 1 Instructors: <i>Harold Litt, Kate Hanneman, Albert Hsiao, Jeremy Collins</i>
9:55am – 10:15 am	BREAK
10:15 am – 11:55 am	CONCURRENT SESSION 1B Advanced CMR Workshop - Group 2 Instructors: <i>Harold Litt, Kate Hanneman, Albert Hsiao, Jeremy Collins</i>
11:55 am – 1:15 pm	BUSINESS LUNCH/AWARDS
1:15 pm – 3:05 pm	CONCURRENT SESSION 2A Vertical Session - Multi-modality Imaging: What the Radiologist Needs to Know Moderators: <i>Greg Kicska and Bradley Allen</i>
1:15 pm	3 Cases Where Reviewing the Echo Changed the Diagnosis <i>Elsie Nguyen</i>
1:30 pm	Fractional Flow Reserve Derived from Coronary CT Angiography: a Closer Look at False Positive and False Negative Case <i>Hannes Devos</i>
1:42 pm	Predictive Capability of Incidental Coronary Artery Calcium on Myocardial Perfusion Imaging with Computed Tomography Scan Attenuation Correction <i>Lindsey Aurora</i>
1:54 pm	SPECT and SPECT/CT Imaging - What the Radiologist Needs to Know <i>Joanne Kusmirek</i>
2:09 pm	12 Month-Experience of Coronary CTA in a Tertiary Center: Review of Patients Cohort and Parameters Influencing Imaging Quality <i>Daniela Tridente</i>
2:21 pm	Comparison of the Precision and Accuracy of an Augmented Reality Platform with a Standard DICOM Viewing System <i>David Dallas-Orr</i>
2:33 pm	Cardia PET MRI Applications- Case-Based Review <i>Kavitha Yaddanapudi</i>
2:48 pm	Q & A



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AGENDA

MONDAY, SEPTEMBER 16, 2019 *continued*

1:15 pm – 3:05 pm	CONCURRENT SESSION 2B Pediatric Vertical Session Moderators: <i>Sadaf Bhutta and Sean Lang</i>
1:15 pm	Approach to CMR of DMD Patients <i>Mark Ferguson</i>
1:30 pm	Echocardiogram Insufficient for Evaluation in Mustard or Senning Operation Survivors <i>Lindsay Arthur</i>
1:42 pm	Computed Tomography Guided Sizing For Transcatheter Pulmonary Valve Implantation <i>Karen Ordovas</i>
1:54 pm	Extra-cardiac Manifestations of Single Ventricle Physiology <i>Sadaf Bhutta</i>
2:09 pm	Does Restrictive Right Ventricular Physiology Protect Right Ventricular Function in Adults with Repaired Tetralogy of Fallot and Pulmonary Regurgitation? <i>Sarah Blissett</i>
2:21 pm	Dual Energy Spectral CT has a Role in Enhancing Diagnoses in Children and Adults with Congenita Heart Disease (CHD) <i>Dianna Bardo</i>
2:33 pm	Imaging of DORV <i>Mark Fogel</i>
2:48 pm	Q & A
3:05 pm – 3:15 pm	BREAK
3:15 pm – 4:35 pm	CONCURRENT SESSION 3A International Session – Vascular Disease Moderators: <i>Daniel Vargas and Daniel Ocasionez</i>
3:15 pm	Non-Contrast MRA of the Aorta <i>Luigi Natale</i>
3:30 pm	Aortic Imaging After Stent Graft Replacement <i>Rodrigo Salgado</i>
3:45 pm	4D CTA of the Aorta <i>Sung Min Ko</i>
4:00 pm	Update on Imaging of Aortic Inflammatory Conditions <i>Hideki Ota</i>
4:15 pm	Advanced Myocardial Imaging in Aortic Valve Disease <i>Sung Mok Kim</i>
4:30 pm	Q & A
3:15 pm – 4:35 pm	CONCURRENT SESSION 3B Pediatric Advanced Techniques – Routine Clinical Application Moderators: <i>Ahmed Gharib and Brian Soriano</i>
3:15 pm	T1 Mapping – Clinical Application in Pediatric CMR <i>Vasu Gooty</i>
3:30 pm	Percutaneous Valve Replacement in Pediatric CHD <i>Katherine Kaproth-Joslin</i>
3:45 pm	Creation and Utility of 3D Printing in Planning Complex CHD Surgeries <i>Markus Renno</i>
4:00 pm	Ferumoxytol Use in Pediatric CMR <i>Dianna Bardo</i>
4:15 pm	Advances in Coronary MR <i>Ahmed Gharib</i>
4:25 pm	Q & A
4:35 pm – 4:45 pm	BREAK
4:45 pm – 5:30 pm	CONCURRENT SESSION 4A NASCI Idol Moderator: <i>Jacobo Kirsch</i>
4:45 pm	Case 1 - <i>Harold Litt</i>
4:55 pm	Case 2 - <i>Joan Lacomis</i>
5:05 pm	Case 3 - <i>Andrew Bowman</i>
5:15 pm	Case 4 - <i>Sandeep Hedgire</i>
5:25 pm	Vote
4:45 pm – 5:30 pm	CONCURRENT SESSION 4B Pediatric Cardiovascular Imaging Moderators: <i>Mark Ferguson and Bruce Greenberg</i>
4:45 pm	Branch Pulmonary Artery Abnormalities <i>Bruce Greenberg</i>
4:55 pm	Update on Imaging of Pediatric Cardiac Tumors <i>Rebecca Beroukhim</i>
5:05 pm	Imaging of Takayasu Arteritis in Pediatric Patients <i>Luana Stanesco</i>
5:15 pm	Aborted Sudden Cardiac Death and Advanced Imaging <i>Sean Lang</i>
5:25 pm	Q & A

6:30 am – 5:30 pm	Registration/Information Desk open
7:00 am	Breakfast
7:00 am – 8:00 am	Round Table II: Imaging of Cardiac Transplants Moderators: <i>Nagina Malguria and Dianna Bardo</i>
7:00 am – 8:00 am	Scientific Session III Moderators: <i>Mounes Aliyari Ghasabeh and Prabhakar Rajiah</i>
7:00 am	Preprocedure CT for Transcatheter Aortic Valve Replacement (TAVR): Imaging Findings of Right Heart Failure as a Predictor of Mortality <i>Rydhwana Hossain</i>
7:12 am	Cardiac-MRI in Patients with Hypertrophic Cardiomyopathy Associated with Arrhythmias <i>Olga Dariy</i>
7:24 am	Automated Coronary Artery Distensibility from Time-Resolved Coronary CT Angiography <i>Ahmed Hamimi</i>
7:36 am	Quantitative Image Quality Comparison of 2D versus 3D Wideband Late Gadolinium Enhancement (LGE) Sequences in Cardiac MR of Patients with Implantable Cardioverter Defibrillator (ICD) <i>Fatemeh Kaghazchi</i>
7:48 am	Utilization of CAD-RADS by Members of Cardiovascular Imaging Societies <i>Hallie Whalen</i>
8:00 am – 9:40 am	Challenging Patients, Challenging Conditions Moderators: <i>Mayil Krishnam, Amir Davarpanah</i>
8:00 am	Cardiac MRI in Patients with Pacemakers/ICDs <i>Prabhakar Rajiah</i>
8:15 am	CMR in Hospitalized Patients for Cardiomyopathy <i>Mayil Krishnam</i>
8:30 am	Cardiac MR in Pregnancy <i>Purvi Parwani</i>
8:45 am	Cardiac MR in Muscular Dystrophies <i>Jose Gutierrez</i>
9:00 am	TAVR CT Challenges – Low GFR and Arrhythmias <i>Dhiraj Baruah</i>
9:15 am	CTA Aorto-Femoral Run-off with less than 30 mL Contrast <i>Tariq Hameed</i>
9:30 am	Q & A
9:40 pm – 10:00 pm	BREAK
10:00 am – 11:40 am	STR/NASCI Pulmonary Hypertension and Pulmonary Vascular Disease Moderators: <i>Linda Haramati and Richard Gore</i>
10:00 am	Pulmonary Hypertension: From Magnet to Bedside <i>Jordi Broncano</i>
10:15 am	Multienergy CT in Pulmonary Vascular Disease <i>Prabhakar Rajiah</i>
10:30 am	4D Flow in Pulmonary Hypertension <i>Nagina Malguria</i>
10:45 am	Imaging of Chronic Thromboembolic Pulmonary Hypertension (CTEPH) - What the Surgeon Needs to Know <i>Tami Bang</i>
11:00 am	Pre-Procedural CTPA Prior to Pulmonary Embolism Lysis <i>Sasan Partovi</i>
11:15 am	Pulmonary Vascular Complications of TB <i>Carlos Restrepo</i>
11:40 pm – 12:45 pm	LUNCH
12:45 pm – 2:25 pm	Imaging in Procedural Guidance (SAM) Moderators: <i>Benoit Desjardins and Sanjita Kapur</i>
12:45 pm	Imaging in Ventricular Arrhythmias - What the Cardiac Electrophysiologist Wants to Know <i>Dharshan Vummidi</i>
1:00 pm	Atrial Septal Defects in Adults: Role of MR and CT in Guiding Therapy <i>Linda Haramati</i>
1:15 pm	CT for Lead Extraction: Case-Based <i>Daniel Vargas</i>
1:30 pm	Advanced Hemodynamics in Type B Dissection <i>Bradley Allen</i>
1:45 pm	Imaging for Novel Procedures <i>Laura Jimenez Juan</i>
2:00 pm	Pre-VAD CT Examinations: What Information Are We Providing or Can We Provide to the Surgical Team? <i>Susan Hobbs</i>
2:15 pm	Q & A
2:25 pm – 2:45 pm	BREAK
2:45 pm – 4:00 pm	Interpretation Errors We All Make - Case-Based Session <i>Diana Litmanovich and Amir Davarpanah</i>
2:45 pm	Pitfalls in Cardiac CT <i>Amira Hussien</i>
3:00 pm	It Seemed Like a Good Idea at the Time- Cases I Wish I Could Do Over <i>Andrew Bowman</i>
3:15 pm	Pericardial Inflammation or Is It? <i>Jeremy Collins</i>
3:30 pm	Subtleties of Cardiovascular Findings in Pediatric CTA <i>Marcos Ferreira Botelho</i>
3:45 pm	NASCI 2019 Highlights <i>Jacobo Kirsch</i>

Special EVENTS



NASCI FUN RUN

- A CHARITABLE EVENT -

SUNDAY
September 15, 2019
7:00 AM - 8:00 AM
(Meet in the Lobby at 6:45 AM)

25



NASCI GALA

- A SPACE NEEDLE EVENT -

SUNDAY
September 15, 2019
7:00 PM - 10:00 PM
(Busses depart starting at 6:30 PM
from the 8th Street hotel entrance)

140



NASCI BUSINESS LUNCHEON & AWARDS

- ROOM 402 -

MONDAY
September 16, 2019
11:55 AM - 1:15 PM

120

thank you

2019 PARTNERSHIPS

PLATINUM



BRONZE



EXHIBIT



IN KIND DONATIONS

