		Duration						
Track	Level	(Mins)	Session Name	Presentation Title	Role	Faculty	Credentials	Institution
Imaging Fundamentals	Adv/Int	15	3D Echo: "How to" Guide for Beginners	Common Pitfalls and Artifacts With 3D Imaging	Speaker	Allan Klein	MD, FASE	Cleveland Clinic
Fundamentals	Adv/Int	15	3D Echo: "How to" Guide for Beginners	3D Echo for MV Disease	Speaker	Lissa Sugeng	MD, MPH, FASE	Northwell Health
Imaging Fundamentals	Adv/Int	15	3D Echo: "How to" Guide for Beginners	3D Echo of the RV	Speaker	Peter Rahko	MD, FASE	School of Medicine and Public Health
Imaging Fundamentals	Adv/Int	15	3D Echo: "How to" Guide for Beginners	3D Echo for the LV	Speaker	Rebecca Perry	BSc, DMU, AMS, PhD, FASE, FASA	Flinders Medical Centre
Valve and SHD	Intermediate	10	A New Vision for Tricuspid Valve Therapies	Post-intervention Assessment of The Tricuspid Valve With TTE: What's Essential?	Speaker	Alicia Rangosch	ACS, RCCS, RDCS, RVT	Houston Methodist
Valve and SHD	Intermediate	10	A New Vision for Tricuspid Valve Therapies	Tricuspid Valve insufficiency: Defining Pathology and Severity With TTE	Speaker	Becky Schwaegler	BS, RDMS, RDCS (AE,PE), FASE	University of Washington Medical Center
Valve and SHD	Intermediate	10	A New Vision for Tricuspid Valve Therapies	CMR for RV Function and TR Quantification: When and Why?	Speaker	Dipan Shah	MD	Houston Methodist Hospital
Valve and SHD	Intermediate	15	A New Vision for Tricuspid Valve Therapies	What's New in Transcatheter Tricuspid Valve Therapies?	Speaker	Jamie McCabe	MD	University of Washington Medical Center
Valve and SHD	Intermediate	10	A New Vision for Tricuspid Valve Therapies	TEE for Tricuspid Valve interventions: Pain Points and Pearls	Speaker	Thomas Smith	MD	UC Davis Medical Center
Ischemia	Advanced	15	Adult Congenital: Echo/Multimodality Imaging of Coronary Anomalies in Adults With Chest Pain	Overview of Coronary Anomalies: Anatomy and Echo Features	Speaker	Meryl Cohen	MD, MSEd, FASE, FACC, FAHA	Children's Hospital of Philadelphia
Ischemia	Advanced	15	Adult Congenital: Echo/Multimodality Imaging of Coronary Anomalies in Adults With Chest Pain	Case Presentation: Interesting Cases and Clinical Conundrums	Speaker	Robin Ducas	MD FRCPC	University of Manitoba
Ischemia	Advanced	15	Adult Congenital: Echo/Multimodality Imaging of Coronary Anomalies in Adults With Chest Pain	Workup and Therapeutic Approach to Coronary Anomalies: Role of Multimodality Imaging	Speaker	Sarah Blissett	MD	London Health Science Center
Circulation &			Advanced Imaging and Endovascular Therapy	Post Thrombotic Syndrome and Endovascular				Vanderbilt University Medical
Vascular		15	for Venous Occlusive Disease	Options for Chronic Deep Vein Thrombosis	Speaker	Aaron Aday	MD, MSc, RPVI	Center
Circulation & Vascular		15	Advanced Imaging and Endovascular Therapy for Venous Occlusive Disease	Use of IVC Filter in Deep Vein Thrombosis and Pulmonary Embolism	Speaker	Fadi Shamoun	MD, FASE	Mayo Clinic Arizona
Valve and SHD		15	Aortic Stenosis: Diagnostic and Therapeutic Challenges In 2022	TAVR Expectations: Expected Hemodynamics and Complication to Recognize	Speaker	Gregory Scalia	MBBS, FASE	Prince Charles Hospital
Valve and SHD		15	Aortic Stenosis: Diagnostic and Therapeutic Challenges In 2022	Best Practices for AS Identification By TTE: Pearls for The Busy Sonographer	Speeker	Kristen Billick	BS, ACS, RDCS (AE, PE) FASE	Scripps Clinic and La Jolla Hospital
Valve and SHD		15	Aortic Stenosis: Diagnostic and Therapeutic Challenges In 2022	AS Imaging With CT; TAVR Planning and Beyond	Speaker Speaker	Mohammed Chamsi- Pasha	MD, FACC, FASE	Houston Methodist Hospital
Valve and SHD		15	Aortic Stenosis: Diagnostic and Therapeutic Challenges In 2022	3 AS Cases: Diagnostic Data; intervention (If Any); Outcomes; Lessons Learned	Speaker	Renuka Jain	MD. FASE	Aurora Health Care
Valve and SHD		15	Aortic Stenosis: Diagnostic and Therapeutic Challenges In 2022	Challenging Cases of Doppler Quantification: Low Flow; High Flow; Mixed VHD	Speaker	Shaun Robinson	MD	
Valve and SHD		15	Aortic Stenosis: Diagnostic and Therapeutic Challenges In 2022	Newest Applications of TAVR: Update on Aortic Regurgitation, Bicuspid, and Moderate AS	Speaker	Sunil Mankad	MD, FASE	Mayo Clinic
Innovation and Technology	Basic / Intermediate / Adv	5	Artificial intelligence in Echo: Where Are We Now?	PC-03: Integrating Echocardiography Parameters with Explainable Artificial Intelligence for Data-driven Clustering of Primary Mitral Regurgitation Severity Phenotypes	Abstract Presenter	Jérémy Bernard		
Innovation and Technology	Basic / Intermediate / Adv	15	Artificial intelligence in Echo: Where Are We Now?	AI - A New Tool for Research	Speaker	Munawar Almajnoni	MD	

	Basic /		1					
Innovation and	Intermediate /		Artificial intelligence in Echo: Where Are We					
Technology	Adv	15	5	Disease Classification With Al	Speaker	Patricia Pellikka	MD, FASE	Mayo Clinic
	Basic /							
Innovation and	Intermediate /		Artificial intelligence in Echo: Where Are We					
Technology	Adv	15	Now?	Image Analysis With Al	Speaker	Ramsey Wehbe	MD	Notherwestern Medicine
	Basic /			PC-04: A Novel Continuous Left Ventricular				
Innovation and	Intermediate /		5	Diastolic Function Score Using Machine	Abstract			
Technology	Adv	5	Now?	Learning	Presenter	River Jiang		
				PC-48: Feasibility and Reproducibility of Machine Learning-Based, Fully Automated				
				Myocardial Strain Measurements, With and				
	Basic /			Without the Use of Ultrasound Enhancing				
Innovation and	Intermediate /		Artificial intelligence in Echo: Where Are We	Agents in The Normal Sized Left Ventricle with	Abstract			
Technology	Adv	5	Now?	Normal Ejection Fraction	Presenter	Uswa Khan		Georgia Tech University
				What Is AI and How Will It Help in			MD, MSc, FRCPC,	
Ischemia	Advanced	15	Artificial Intelligence in Ischemic Heart Disease	Echocardiography	Speaker	Chi-Ming Chow	FASE	St. Michael's Hospital
Ischemia	Advanced	15	Artificial Intelligence in Ischemic Heart Disease	How Can AI Improve Stress Echocardiography?	Speaker	Christina Luong	MD, MHSc, FRCPC	University of British Columbia
ISONOTTIL	, (dvanoed	10	standar intelligence in isonernie riedit Disease	Improving Our Basics: Optimized Reproducibility	opeaner	Chinouna Euong		North Shore University Health
Ischemia	Advanced	15	Artificial Intelligence in Ischemic Heart Disease	, , ,	Speaker	ILya Karagodin	MD	System
loononna	Basic /	10			opoundi	izya kalagoalii		Cyclom
	Intermediate /			What Is That (Part II)? Repaired Adult CHD for			II, FASE, RDMS,	Duke University Medical
Early Career	Adv	13	Bridging the Gap: Interprofessional Teamwork	The Adult Echocardiographer	Speaker	Colin Dunbar	RDCS (AE, PE, FE)	Center
,	Basic /				•			
	Intermediate /			What Is That (Part I)? Newborn CHD Screening			RDCS, RCCS,	Children's Hospital of
Early Career	Adv	13	Bridging the Gap: Interprofessional Teamwork	for The Adult Echocardiographer	Speaker	Melissa Wasserman	FASE	Philadelphia
	Basic /							
	Intermediate /							University of Washington
Early Career	Adv	13	Bridging the Gap: Interprofessional Teamwork	I Am Called to The OR - What Do I Do?	Speaker	Richard Sheu	MD, FASE	Medical Center
	Basic /							
<b>F I O</b>	Intermediate /	40			<b>o</b> 1	р · с		University of Washington
Early Career	Adv	13	Bridging the Gap: Interprofessional Teamwork	To Echo or Not to Echo - Utilizing AUC	Speaker	Rosario Freeman	MD	Medical Center
Myocardium / Function	Basic / Intermediate	15	Cardiac Masses	When Do I Need Additional Imaging?	Creaker	David Platts	MD, PhD, FRACP, FCSANZ, FASE	The Dringe Charles Lleanited
Myocardium /	Basic /	15	Cardiac Masses	When Do I Need Additional Imaging?	Speaker	David Platts	FUSANZ, FASE	The Prince Charles Hospital
Function	Intermediate	20	Cardiac Masses	Primary and Secondary Cardiac Tumors	Speaker	Kara Thompson	MD	
Myocardium /	Basic /	20			opeaner		PhD, ACS, RCS,	
Function	Intermediate	15	Cardiac Masses	Use of Contrast in Mass Assessment	Speaker	Michelle Bierig	RDCS. FASE	Medtronic
Myocardium /	Basic /				spearer	2.0.19		
Function	Intermediate	15	Cardiac Masses	Pseudo Tumors of The Heart	Speaker	Muhamed Saric	MD, PhD, FASE	New York University
Imaging	+	-	Cardiac Physiology for the Cardiac				BSC, MSC, DMU,	- ,
Fundamentals	Int/Basic	15	Sonographer	Wiggers "Wriggles": What They Mean	Speaker	Alison White	FASE	Griffith University
Imaging	+ +		Cardiac Physiology for the Cardiac		•		PhD, RCS, RDCS,	Louisiana State University
Fundamentals	Int/Basic	15	Sonographer	Understanding Pressure Traces	Speaker	Andy Pellett	FASE	Health Sciences Center
Imaging	1 1		Cardiac Physiology for the Cardiac				1	
Fundamentals	Int/Basic	15	Sonographer	Loading, Contractility and Starling's Law	Speaker	Dan Augustine	BSc, MBBS	
Imaging			Cardiac Physiology for the Cardiac				BS, ACS, RDCS,	
Fundamentals	Int/Basic	15	Sonographer	Valve Areas Via the Gorlin Equation	Speaker	Margaret Park	RVT, FSDMS, FASE	
				Stress Testing Cancer Survivors, How and				Hospital for Sick Children
Pediatrics	Advanced	10	Cardio Oncology	When	Speaker	Barbara Cifra	MD	Toronto
				I la devete a dia a The Ventai a dev Merchenica Devet				Dady Children's Lleanitel in
Pediatrics	Advanced	10	Cardio Oncology	Understanding The Ventricular Mechanics Post Chemotherapy	Speaker	Hari Narayan	MD, MSCE, FASE	Rady Children's Hospital in San Diego

	1			Multimodality Imaging in The Assessment of				Connecticut Children's
Pediatrics	Advanced	10	Cardio Oncology	Long-Term Chemotherapy	Speaker	Olga Toro-Salazar	MD	Hospital
				Nuclear Imaging - Is There Still a Place in The		о С	MD, MS, FASE,	
Pediatrics	Advanced	10	Cardio Oncology	Current State?	Presenter	Shaji Menon	FAAP, FACC	University of Utah Hospital
				Value of Strain in Predicting Outcome in Cancer			MB, ChB, MPH,	Children's Healthcare of
Pediatrics	Advanced	10	Cardio Oncology	Survivors	Speaker	William Border	FASE	Atlanta
Vascular		15	Cardiovascular Complications of COVID19	COVID and Acute Coronary Syndromes	Speaker	Lindsay Elbaum	MD	New York University
Circulation &				Vascular Complications of COVID19			MD, FACC, RPVI,	
Vascular		15	Cardiovascular Complications of COVID19	Vaccination	Speaker	Matthew Vorsanger	FASE	Weill Cornell Medicine
Vascular		15	Cardiovascular Complications of COVID19	COVID and Venous Thromboembolism	Speaker	Stanislav Henkin	MD, MPH	Center
Myocardium /			Challenges and Opportunities in the Diagnosis	Advanced Echocardiography Techniques in				Sanger Heart and Vascular
Function	Intermediate	15	of Hypertrophic Cardiomyopathy	Hypertrophic Cardiomyopathy	Speaker	Dermot Phelan	MD, PhD, FASE	Institute - Atrium Health
Myocardium /			•	Hypertrophic Cardiomyopathy Phenotypes and		Mahesh		
Function	Intermediate	15	of Hypertrophic Cardiomyopathy	Their Diagnostic Challenges	Speaker	Chandrasekhar	MD	Wake Forest Baptist Health
Myocardium /	late was a dista	45	Challenges and Opportunities in the Diagnosis		Onesland	Damala Dumaaa	ACS, BS, RDCS,	
Function	Intermediate	15	of Hypertrophic Cardiomyopathy	Hypertrophic Cardiomyopathy	Speaker	Pamela Burgess	RDMS, RVT, FASE	Wake Forest Baptist Health
Myocardium /			Challenges and Opportunities in the Diagnosis	Hypertrophic Cardiomyopathy and Basal Septal				
Function	Intermediate	15	of Hypertrophic Cardiomyopathy	Hypertrophy: Understanding the Aging Heart	Speaker	Richard Stacey	MD	Wake Forest Baptist Health
Fundamentals	Int/Basic	15	Clinical Utility of Myocardial Strain Imaging	For The RV	Speaker	Leah Wright	BSC, DMU, PhD	Institute
	-							
Fundamentals	Intermediate	15	Clinical Utility of Myocardial Strain Imaging	For The LA	Speaker	Liza Thomas	MD, PhD	Westmead Hospital
Fundamentals	Int/Basic	15	Clinical Utility of Myocardial Strain Imaging	For The LV	Speaker	Manish Bansal	MD, FACC, FASE	Medanta, The Medicity
Fundamentals	Advanced	15	Clinical Utility of Myocardial Strain Imaging	Additional Value of Myocardial Work	Speaker	Natalie Edwards	FASE	The Prince Charles Hospital
			Dissecting the Heart of the Matter: Techniques					
	Intermediate/		to Distinguish Ischemic from Non-Ischemic	When Systemic Disease Masquerades as	<b>a</b> 1		MD, MPH, FASE,	
Ischemia	Advanced	20	Heart Disease	Ischemia	Speaker	Monica Mukherjee	FACC, FAHA	Johns Hopkins University
	Intermediate/		Dissecting the Heart of the Matter: Techniques to Distinguish Ischemic from Non-Ischemic	Non-Cardiac Causes of Myocardial Dysfunction:				University of Wisconsin School of Medicine and Public
Ischemia	Advanced	20	Heart Disease	Neurogenic and Stress Cardiomyopathy	Speaker	Peter Rahko	MD. FASE	Health
Isonomia	Avanoca	20	Dissecting the Heart of the Matter: Techniques	5	opeaner		MD, TAOL	
	Intermediate/		to Distinguish Ischemic from Non-Ischemic	Regional Wall Motion Analysis for Ischemic Vs.			MBBS, PHD, MPH,	Baker Heart and Diabetes
Ischemia	Advanced	20	Heart Disease	Non-Ischemic Heart Disease	Speaker	Thomas Marwick	MD	Institute
Innovation and			Doing Your Own Research: How to Interpret	(Sample) Sizing It Up - How to Know It's a Good	-			
Technology	Basic	15	and Create Scientific Writing	Study	Speaker	Gillian Whalley	PhD, DMU, FASE	University of Otago
Innovation and			Doing Your Own Research: How to Interpret					Massachusetts General
Technology	Basic	15	and Create Scientific Writing	formula for Writing an Ace Abstract	Speaker	Michael Picard	MD, FASE	Hospital
Innovation and			Doing Your Own Research: How to Interpret				MD, FASE, FACP	University of Kentucky Gill
Technology	Basic	15	and Create Scientific Writing	A Template for An Effective Case Report	Speaker	Vincent Sorrell	ASIM, FACC, FCMR	Heart & Vascular Institute
Innovation and	Desis	45	Doing Your Own Research: How to Interpret	Doing Your Own Research - How Do I interpret	Onesler	) A /	MD	l la incarito e di Tenerate
Technology	Basic	15	and Create Scientific Writing	This Study?	Speaker	Wendy Tsang	MD	University of Toronto
Forly Coroor	Basic	12	Dream It. Live It. Love It. Finding and Developing Your Niche	Perioperative Echo: The Eyes and Ears of The Surgical Team	Speaker	Abimbolo Eolovo	MD, FASE, FASA	Emory Healthcare
Early Career	Dasic	12	Dream It. Live It. Love It. Finding and		Speaker	Abimbola Faloye	IVID, FASE, FASA	National University Heart
Early Career	Basic	12	Developing Your Niche	Imaging The Heart-Brain Connection	Speaker	Ching-Hui Sia	MD	Centre, Singapore
Larry Galeel	Dasic	12	Dream It. Live It. Love It. Finding and		ореаке	Chillig-Liul Ola	ND	Duke Children's Pediatric &
Early Career	Basic	12	Developing Your Niche	Fetal Echo: Tiny Heart, Big Responsibility	Speaker	Gregory Tatum	MD. FASE	Congenital Heart Center
		.=	Dream It. Live It. Love It. Finding and	Imaging for The Cure: Echo for Better Cancer	- F21	- 5,	,	
Early Career	Basic	12	Developing Your Niche	Care	Speaker	Juan Carlos Plana	MD, FASE	Baylor College of Medicine
, - ···	+ +		Dream It. Live It. Love It. Finding and			-	,	, , , , , , , , , , , , , , , , , , , ,
<b>F</b>   0	Basic	12	Developing Your Niche	Adult Congenital Heart Disease	Speaker	Keri Shafer	MD, FASE	Boston Children's Hospital
Early Career								
Early Career	+ +		Dream It. Live It. Love It. Finding and	Cardio-Obstetrics: Imaging Maternal Heart				

Forly Corpor	Basic	12	Dream It. Live It. Love It. Finding and	Cotting The Bulac: Vessular Imaging	Speaker	Stanialay Hankin	MD, MPH	Dartmouth Hitchcock Medica Center
Early Career		IZ	Developing Your Niche	Getting The Pulse: Vascular Imaging	Speaker	Stanislav Henkin	IVID, IVIPH	Center
POCUS / CCE	diate/Advance d	45	Emerging Technology	Incorporating POCUS into Clinical Care	Speaker	Rachel Liu	MD	Yale University
Pediatrics	Intermediate	10	Equitable Echocardiography and Echo in the Americas	increasing Diversity in The Imaging Workforce	Speaker	Angira Patel	MD, MPH, FASE	Lurie Children's Hospital
Pediatrics	Intermediate	10	Equitable Echocardiography and Echo in the Americas	Early Cardiac Manifestations of Overweight and Obesity in A Pediatric Population in Mexico	Speaker	Clara Vazquez Antona	MD	National Institute of Cardiology "Ignacio Chavez
Pediatrics	Intermediate	10	Equitable Echocardiography and Echo in the Americas	Errors in Pediatric and Congenital Echocardiography: How Are We Dealing with Them?	Speaker	Jorge Afiune	MD	
Pediatrics	Intermediate	10	Equitable Echocardiography and Echo in the Americas	Equity: Care of CHD- Who Are Our Patients and Why We Need to Know	Speaker	Keila Lopez	MD	Baylor College of Medicine
Pediatrics	Intermediate	10	Equitable Echocardiography and Echo in the Americas	Training Program for Non-Cardiologist: Early Detection of Fetal Heart Disease (Argentina Experience)	Speaker	Maria Fernanda Biancolini	MD	
Pediatrics	Intermediate	10	Equitable Echocardiography and Echo in the Americas	Question & Answer	Panel			
Innovation and Technology	Basic / Intermediate	15	Expand Your Imaging: MRI Basics for Echocardiographers	How Do I interpret The Images?	Speaker	Amit Patel	MD	University of Chicago Medic Center
Innovation and Technology	Basic / Intermediate	15	Expand Your Imaging: MRI Basics for Echocardiographers	What Kind of CMR Exam Is Appropriate?	Speaker	Gloria Ayuba	MD	Northwestern Feinberg School of Medicine
Innovation and Technology	Basic / Intermediate	15	Expand Your Imaging: MRI Basics for Echocardiographers	Speckle Tracking and Cardiac Magnetic Resonance Feature Tracking for Quantification of Right Ventricular Strain - a Prospective Multimodality Validation Study in Ischemic Mitral Regurgitation	<u>Abstract</u> <u>Presenter</u>	Justin Johannesen		line in the line of Durane
Innovation and Technology	Basic / Intermediate	15	Expand Your Imaging: MRI Basics for Echocardiographers	What Does CMR Add to My Echo?	Speaker	Mariano Falconi	MD, FASE	Hospital Italiano of Buenos Aires
Innovation and Technology	Basic / Intermediate	15	Expand Your Imaging: MRI Basics for Echocardiographers	PC-37: Quantitative Assessment of Aortic Regurgitation Severity: A Simultaneous Echocardiographic Cardiac Magnetic Resonance Comparative Study	<u>Abstract</u> <u>Presenter</u>	Rowa Hassan Attar		University of Toronto
Early Career	Basic	12	Global Perspectives: Careers in Echocardiography	Multimodality Imaging in Guatemala	Speaker	Beatriz Dominguez Mendez	MD, MSc	Herrera Llerandi Hospital
Early Career	Basic	12	Global Perspectives: Careers in Echocardiography	Bringing Echo to The Bedside in the UK	Speaker	Claire Colebourn	MMedEd	
Early Career	Basic	12	Global Perspectives: Careers in Echocardiography	Teaching The Next Generation of Sonographers in New Zealand	Speaker	Gillian Whalley	PhD, DMU, FASE	University of Otago
Early Career	Basic	12	Global Perspectives: Careers in Echocardiography	Achieving Excellence in Echo Lab Quality in Singapore	Speaker	Kian-Keong Poh	MA, MMed, FRCP, FASE	National University Heart Centre, Singapore
Early Career	Basic	12	Global Perspectives: Careers in Echocardiography	Marrying Academic and Clinical Sonography for Pulmonary Hypertension in Australia	Speaker	Leah Wright	BSC, DMU	Baker Heart and Diabetes Institute
Early Career	Basic	12	Global Perspectives: Careers in Echocardiography	Vascular Ultrasound - Adjunct to Other Imaging Modalities in Argentina	Speaker	Mariana Corneli	MD	
Early Career	Basic	12	Global Perspectives: Careers in Echocardiography	Emerging Echo Technologies in Saudi Arabia	Speaker	Munawar Almajnoni	MD	
Circulation & Vascular		15	Great Debates in Circulation	ASCVD Risk Stratification – Ultrasound- Detected Plaque	Speaker	Amer Johri	MD, FASE	Queen's University
Circulation & Vascular		15	Great Debates in Circulation	ASCVD Risk Stratification – CT-Detected Plaque	Speaker	Robert Donnino	MD FACC	New York University

	Basic/Interme		Harnessing Novel Technologies to Propel Your					
Early Career	diate	13	Career	Social Media to Maximize Your Impact	Speaker	Geetanjali Dang	MD MS FACC	Creighton University
	Basic/Interme		Harnessing Novel Technologies to Propel Your	Merging innovation and industry At Your		, ,		
Early Career	diate	13	Career	institution	Speaker	James Lee	MD	Henry Ford Health System
-	Basic/Interme		Harnessing Novel Technologies to Propel Your	Flow Dynamics - View from Aero Space Flow		Juan Carlos del		University of California, Sa
Early Career	diate	13	Career	Dynamics	Speaker	Alamo	PhD	Diego
	Basic/Interme		Harnessing Novel Technologies to Propel Your			Nicolas Thibodeau-		
Early Career	diate	13	Career	innovating Echo Education	Speaker	Jarry	MD	Montreal Heart Institute
	Basic/Interme		Harnessing Novel Technologies to Propel Your	A Fresh Perspective- Technological Solutions to				Sanger Heart and Vascula
Early Career	diate	13	Career	Transform Care Delivery	Speaker	Noreen Kelly	MD, MBA, FASE	Institute
	Basic/Interme		Harnessing Novel Technologies to Propel Your				BS, ACS, RCS,	Saint Francis Hospital and
Early Career	diate	13	Career	Al in Echo Lab	Speaker	Steve Walling	RDCS, FASE	Medical Center
			Hidden and Evident POCUS Diagnostic	Proposed Framework to Mitigate Hidden,				
	Basic/Interme		Difficulties: It Is Not the Case of Diagnostic	Evident, and Potential Diagnostic Errors With				Baylor St. Luke's Medical
POCUS / CCE	diate	20	Errors.	POCUS	Speaker	Jose L. Diaz-Gomez	MD, FASE	Center
			Hidden and Evident POCUS Diagnostic					
	Basic/Interme		Difficulties: It Is Not the Case of Diagnostic					
POCUS / CCE	diate	20	Errors.	Hidden POCUS Diagnostic Difficulties	Speaker	Siddharth Dugar	MD	Cleveland Clinic
	Basic /							Massachusetts General
Perioperative	Intermediate	13	Imaging Challenges in The Era of Covid?	ECMO Imaging in Covid	Speaker	David Dudzinski	MD, FASE	Hospital
	Basic /						MHS, ACS, RCS,	West Jefferson Medical
Perioperative	Intermediate	13	Imaging Challenges in The Era of Covid?	Challenges for Echocardiography Labs	Speaker	Elizabeth McIlwain	FASE	Center/LCMC Health
				P5-07: It Goes Both Ways: A Case of				
	Basic /			Bidirectional PFO and Symptomatic Hypoxia	Abstract			
Perioperative	Intermediate	8	Imaging Challenges in The Era of Covid?	Following COVID-19 Infection	Presenter	Tanzim Bhuiya		Hofstra University
	Basic /			Is There an End in Sight - Lessons Learned and				
Perioperative	Intermediate	13	Imaging Challenges in The Era of Covid?	Long-Term Ramifications	Speaker	Yasdet Maldonado	MD, MMM, FASE	Cleveland Clinic
	Intermediate /		In the Long Run: Long-Term Complications of		- ·			
ACHD	Advanced	15	Childhood Repairs	Transitioning Fontan Patients	Speaker	Adam Lubert	MD	
10115	Intermediate /		In the Long Run: Long-Term Complications of		<b>.</b> .			Massachusetts General
ACHD	Advanced	15	Childhood Repairs	What To Look for in L-TGA Repair	Speaker	Christopher Learn	MD, FASE	Hospital
	Intermediate /	45	In the Long Run: Long-Term Complications of		o .		ACS, RDCS, RCCS,	Lucile Packard Children's
ACHD	Advanced	15	Childhood Repairs	What To Look for in Tetralogy of Fallot Repairs	Speaker	Kelly Thorson	MSRS, FASE	Hospital Stanford
	Intermediate /	45	In the Long Run: Long-Term Complications of		o .		110	Brigham and Women's
ACHD	Advanced	15	Childhood Repairs	What To Look for in D-TGA Repair	Speaker	Valeria Duarte	MD	Hospital
			Integration of Imaging Guidelines into Clinical					
			Practice: Insights from the New EACVI/ASE and ACC Guidelines on Ischemic Heart	Update From the ACC 2021 Chest Pain				
Ischemia	Intermediate	15	Disease	Guidelines: Imaging in Non-Obstructive CAD	Speaker	Erin Michos	MD. MHS. FASE	Johns Hopkins University
Ischernia	Intermediate	15	Integration of Imaging Guidelines into Clinical	Guidelines. Inaging in Non-Obstructive CAD	Speaker	ETITI MICHOS	IVID, IVINO, FASE	Johns Hopkins University
			Practice: Insights from the New EACVI/ASE					
			and ACC Guidelines on Ischemic Heart	Multimodality Imaging in Acute Coronary				MedStar Health Research
Ischemia	Intermediate	15	Disease	Syndromes: 2021 EACVI/ASE Guidelines	Speaker	Federico Asch	MD, FASE	Institute
loononna	internetatate		Integration of Imaging Guidelines into Clinical		opoundi			
			Practice: Insights from the New EACVI/ASE					
			and ACC Guidelines on Ischemic Heart					
Ischemia	Intermediate	15	Disease	Chronic CAD Syndromes: Role of Imaging	Speaker	Patricia Pellikka	MD, FASE	Mayo Clinic
			Integration of Imaging Guidelines into Clinical	· · · · · · · · · · · · · · · · · · ·			, -	
			Practice: Insights from the New EACVI/ASE					
			and ACC Guidelines on Ischemic Heart					
Ischemia	Intermediate	15	Disease	Question and Answer	Panel			
	<u> </u>	-	Interventional Echo for Septal Defects and	The Post-MI VSD; How to Find and When to				UMass Memorial Medical
Valve and SHD		15	Congenital Heart Disease	Repair	Speaker	Matthew Parker	MD, FASE	Center

			Interventional Echo for Septal Defects and	Optimal TTE Evaluation for Septal Shunts:			RDCS, RCCS,	Children's Hospital of
Valve and SHD		15	Congenital Heart Disease	Location, and Consequences Defined.	Speaker	Melissa Wasserman	FASE	Philadelphia
Valve and SHD		15	Interventional Echo for Septal Defects and Congenital Heart Disease	Imaging Considerations to Guide Catheter- Based Atrial Septal Repair	Speaker	Pei-Ni Jone	MD, FASE, FACC, FAHA	Children's Hospital Colorado
Valve and SHD		15	Interventional Echo for Septal Defects and Congenital Heart Disease	Imaging Considerations for Transcatheter Pulmonic Valve Replacement	Speaker	Ruchira Garg	MD, FASE	Cedars-Sinai Medical Center
Valve and SHD		15	Interventional Echo for Septal Defects and Congenital Heart Disease	To Fix or Not to Fix: A Clinicians Guide to ASD Repair	Speaker	Valeria Duarte	MD	Brigham and Women's Hospital
Imaging Fundamentals	Basic	15	It's All About Fill (Diastology 101)	Filling Pressures Defined	Speaker	Andy Pellett	PhD, RCS, RDCS, FASE	Louisiana State University Health Sciences Center
Imaging Fundamentals	Basic	15	It's All About Fill (Diastology 101)	Compliance Versus Stiffness: What's The Difference?	Speaker	Ashley Woolf	RDCS, BS, FASE	Cleveland Clinic
Imaging Fundamentals	Basic	15	It's All About Fill (Diastology 101)	Filling Pressures Defined	Speaker	Bonita Anderson	M.APPL.SC, DMU, AMS, ACS, FASE	The Prince Charles Hospital
Imaging Fundamentals	Basic	15	It's All About Fill (Diastology 101)	Grading Diastolic Function in Tricky Populations	Speaker	Jae Oh	MD, FASE	Mayo Clinic
Imaging Fundamentals	Basic	15	It's All About Fill (Diastology 101)	Using The Algorithm to Grade Diastolic Function	Speaker	Sandhir Prasad	MBBS, FRACP	Royal Brisbane and Women's
Pediatrics	Advanced	10	Let's Assess That Single Ventricle	How and When Do We Need to Image the Lymphatic System in Fontan	Speaker	David Biko	MD	Children's Hospital of Philadelphia
Pediatrics	Advanced	10	Let's Assess That Single Ventricle	Repair The AVV, Why and How?	Speaker	Garick Hill	MD, FASE	Cincinnati Children's Hospita Medical Center
Pediatrics	Advanced	10	Let's Assess That Single Ventricle	The Burden of Collaterals in Fontan	Speaker	Laura Olivieri	MD	System
Pediatrics	Advanced	10	Let's Assess That Single Ventricle	Intervening On the Aortic Arch	Speaker	Neha Soni-Patel	RDCS (AE/PE), FASE	Cleveland Clinic Children's
Pediatrics	Advanced	10	Let's Assess That Single Ventricle	Can Imaging Predict Outcomes of Single Ventricle	Speaker	Rahul Rathod	MD	Children's Hospital Boston
Pediatrics	Advanced	10	Let's Assess That Single Ventricle	Question & Answer	Panel			
Myocardium / Function	Advanced	15	Mechanical Circulatory Support	Comprehensive Imaging Approach to Guide LVAD Therapy	Speaker	Jerry Estep	MD, FASE	Cleveland Clinic
Function	Advanced	15	Mechanical Circulatory Support	Imaging The Transplanted Heart	Speaker	Karima Addetia	MD, FASE	Center
Myocardium / Function	Advanced	15	Mechanical Circulatory Support	Overview of Percutaneous Mechanical Support	Speaker	Raymond Stainback	MD, FASE	Texas Heart Institute
Myocardium / Function	Advanced	15	Mechanical Circulatory Support	What To Expect from The New LVAD Guidelines	Speaker	Sabe De	MD, FASE	Western University Medical Center
Function	Advanced	15	Mechanical Circulatory Support	Echocardiography in Cardiac Arrest	Speaker	Sunil Mankad	MD, FASE	Mayo Clinic
Valve and SHD		15	Mitral Regurgitation: Before, During, and After Intervention	The Evolving Role of TMVR - Patient Selection in 2022	Speaker	Federico Asch	MD, FASE	MedStar Health Research Institute
Valve and SHD		15	Mitral Regurgitation: Before, During, and After Intervention	Role of CT for TMVR Planning	Speaker	Jonathon Leipsic	MD, FRCPC, FSCCT	University of British Columbia
Valve and SHD		15	Mitral Regurgitation: Before, During, and After Intervention	3 MR Cases: Diagnostic Data; intervention; Outcome; Lessons Learned	Speaker	Lucy Safi	DO, FASE	Hackensack University Medical Center
Valve and SHD		15	Mitral Regurgitation: Before, During, and After Intervention	A TTE Guide to MR Imaging and Quantitation (Sonographer Perspective)	Speaker	Misada Useinovic	RDCS	New York University
Valve and SHD		15	Mitral Regurgitation: Before, During, and After Intervention	Patient Selection for MV TEER in 2022	Speaker	Nadeen Faza	MD, FASE	Houston Methodist
Valve and SHD		15	Mitral Regurgitation: Before, During, and After Intervention	Quantification of Residual MR After Transcatheter Repair: Special Considerations?	Speaker	Praveen Mehrotra	MD, FACC, FASE	Thomas Jefferson University Hospital
Innovation and Technology	Intermediate	10	Multi-Modality Approach to Evaluating a Thick Heart	Case Study	Speaker	Cody Frye	BA, RDCS, FASE	Sanger Heart and Vascular Institute - Atrium Health
Innovation and Technology	Intermediate	10	Multi-Modality Approach to Evaluating a Thick Heart	Case Study	Speaker	Dallas Gardner	BS, RDCS, RVT	Duke University Hospital

Innovation and			Multi-Modality Approach to Evaluating a Thick					I
Technology	Intermediate	15	, , , , , , , , , , , , , , , , , , , ,	Echo First, Then Why CMR in HCM?	Speaker	Davinder Jassal	MD, FRCPC	St.Boniface General Hospital
Innovation and	Internediate	10	Multi-Modality Approach to Evaluating a Thick		Opeaner	Davinger bassar		
Technology	Intermediate	15	Heart	Imaging The Athletic Heart	Speaker	Matthew Martinez	MD	Lehigh Valley Health Network
Innovation and Technology	Intermediate	15	Multi-Modality Approach to Evaluating a Thick Heart	Advances in Imaging Amyloid	Speaker	Sarah Cuddy	MD	Brigham and Women's Hospital
Innovation and	Intermediate	15	Multi-Modality Approach to Evaluating a Thick	Clinical Correlation Advised: Mimickers of The Thick Heart	Creaker	Steven Promislow	MD, MS, FRCPC, FASE	Manitaha Dhuaiaiana
Technology	Intermediate	15	Heart		Speaker	Sleven Promisiow	FASE	Manitoba Physicians
Special Sessions	Basic / Intermediate	12	Neonatologist Performed Targeted Neonatal Echo: Evolution of the Field, Contemporary Perspectives and Impact in Clinical Outcomes	Impact of Targeted Neonatal Echocardiography on Clinical Practice: Current, Future And Generating Evidence	Speaker	Amish Jain	MBBS, PhD	Sinai Health System/Mount Sinai Hospital
Special Sessions	Basic / Intermediate	12	Neonatologist Performed Targeted Neonatal Echo: Evolution of the Field, Contemporary Perspectives and Impact in Clinical Outcomes	Working in A Targeted Neonatal Echocardiography Center: A Sonographer's Experience	Speaker	Cristina Almeida	RDCS, DMS	The Hospital for Sick Children
Special Sessions	Basic / Intermediate	12	Neonatologist Performed Targeted Neonatal Echo: Evolution of the Field, Contemporary Perspectives and Impact in Clinical Outcomes	The Origins and Evolution of Targeted Neonatal Echocardiography in the NICU	Speaker	Dany Weisz	MD, MSc	Sunnybrook Health Sciences Centre
Special Sessions	Basic / Intermediate	12	Neonatologist Performed Targeted Neonatal Echo: Evolution of the Field, Contemporary Perspectives and Impact in Clinical Outcomes	A Cardiologist's Perspective on Targeted Neonatal Echocardiography	Speaker	Wyman Lai	MD, MPH, MBA, FASE	CHOC Children's Hospital
Valve and SHD		12	Patient-Specific Modeling for Structural Heart Interventions	Computational Modeling for SHD in 2022 and Beyond	Speaker	Dee Dee Wang	MD, FASE, FSCCT, FACC	Henry Ford Health System
Valve and SHD		12	Patient-Specific Modeling for Structural Heart Interventions	Heart Valve Modeling: Emerging Applications of Echocardiographic AI.	Speaker	Mani Vannan	MBBS, FACC, FAHA, FASE	Piedmont Heart Institute
Valve and SHD		12	Interventions	interventions in Mitral Annular Calcification; Multimodality Imaging, Planning and Outcomes	Speaker	Richard Grimm	MD, FASE	Cleveland Clinic
Valve and SHD		12	Patient-Specific Modeling for Structural Heart Interventions	The ABC's of 3D Cardiovascular Printing	Speaker	Serge Harb	MD	Cleveland Clinic
Valve and SHD		12	Patient-Specific Modeling for Structural Heart Interventions	CT Derived 3D Modeling to Guide TMVR interventions	Speaker	Serge Harb	MD	Cleveland Clinic
POCUS / CCE	Basic/Interme diate	10	POCUS In Low-Resource Settings: Perspective From The Field	Introduction of Echocardiography in Low Resource Settings	Speaker	Aditya Nadimpalli	MD	Baylor St. Luke's Medical Center
POCUS / CCE	Basic/Interme diate	10	POCUS In Low-Resource Settings: Perspective From The Field		Speaker	Jose L. Diaz-Gomez	MD, FASE	Baylor St. Luke's Medical Center
POCUS / CCE	Basic/Interme diate	10	POCUS in Low-Resource Settings: perspective from The field	Doctors Without Borders	Speaker	Lynne Nield	MD	SickKids Hospital
POCUS / CCE	Basic/Interme diate Basic/Interme	10	•	Lesotho and Burundi The Role of Echocardiography for Patient Care -	Speaker	Melino Ndayizigiye	MD,MMSc-GHD	Partners in Health, Lesotho Doctors Without Borders,
POCUS / CCE	diate	10	From The Field	Experiences in South Sudan	Speaker	Philip Ezibon	MD	South Sudan
	Intermediate/		POCUS vs Comprehensive Echocardiography	POCUS Is the Best Way to Assess Ventricular Function the Critically III Patient: Con-		Elif Seda Selamet		Stanford University Medical

	Intermediate/		POCUS vs Comprehensive Echocardiography	Focused Point-of-Care Cardiac Ultrasound Linked to A Tertiary Hospital Is the Most Effective Strategy for Cardiac Diagnostics in				
POCUS / CCE	Advanced	12	in Special Populations	LMICs	Speaker	Emmy Okello	MD PhD	
POCUS / CCE	Intermediate/ Advanced	12	POCUS vs Comprehensive Echocardiography in Special Populations	Task-Shifting, Decentralization, and Point-of- Care Cardiac Ultrasound Should Be the Preferred Strategy for Cardiac Diagnostics in LMICs A Full-Service Echocardiography Laboratory	Speaker	Gene F Kwan	MD, MPH MBChB DCH MPH	Boston University
POCUS / CCE	Intermediate/ Advanced	12	POCUS vs Comprehensive Echocardiography in Special Populations	Should Be Prioritized in LMICs for Cardiac Diagnostics	Speaker	Liesl Zuhlke	FESC FACC MSc PhD	University of Cape Town
POCUS / CCE	Intermediate/ Advanced	12	POCUS vs Comprehensive Echocardiography in Special Populations	POCUS Is the Best Way to Assess Ventricular Function the Critically III Patient: Pro	Speaker	Shazia Bhombal	MD	Stanford Medical Center
Ischemia	Advanced	5	Positive Stress Echo in the Setting of Normal Coronaries: Microvascular Function and Vasospasm Positive Stress Echo in the Setting of Normal	Case Presentation	Presenter	Ashley Brown	MHS, RDCS, FASE B Med Sci, MBBS,	Johns Hopkins Hospital
Ischemia	Advanced	10	Coronaries: Microvascular Function and Vasospasm	Practice Makes Perfect: Tips and Avoiding Pitfalls in Stress Echo Imaging	Speaker	David Platts	MD, PhD, FRACP, FCSANZ, FASE	The Prince Charles Hospital
Ischemia	Advanced	5	Positive Stress Echo in the Setting of Normal Coronaries: Microvascular Function and Vasospasm	Case Presentation	Presenter	Elizabeth Le	MD, FASE	Oregon Science and Health University
Ischemia	Advanced	10	Positive Stress Echo in the Setting of Normal Coronaries: Microvascular Function and Vasospasm	Coronary Blood Flow and Beyond for Identifying Microvascular Dysfunction	Speaker	Jorge Lowenstein	MD, FASE	Investigaciones Medicas
Ischemia	Advanced	10	Positive Stress Echo in the Setting of Normal Coronaries: Microvascular Function and Vasospasm	Considering Spastic Arteries: Where to Start	Speaker	Joseph Meyer	MD	Johns Hopkins Hospital
Ischemia	Advanced	5	Positive Stress Echo in the Setting of Normal Coronaries: Microvascular Function and Vasospasm	Case Presentation	Presenter	thuy nguyen	MD	University Hospitals Case Medical Center
Ischemia	Advanced	15	Positive Stress Echo in the Setting of Normal Coronaries: Microvascular Function and Vasospasm Prosthetic Valve Problems: Multimodality	Question and Answer Tricky Prosthetic Valve Flow: When to Rely on	Panel			
Valve and SHD		15	Solutions.	Magnetic Resonance	Speaker	Carlos El-Tallawi	MD	Houston Methodist Hospital
Valve and SHD		15	Prosthetic Valve Problems: Multimodality Solutions.	A Prosthetic Valve on The Right Side? Special Considerations.	Speaker	Jordan Strom	MD, MSc, FASE	Beth Israel Deaconess
Valve and SHD		15	Prosthetic Valve Problems: Multimodality Solutions.	Doppler, Doppler Gimme the News - Is This Prosthetic Valve Normal?	Speaker	Miguel Quiñones	MD, FASE	Houston Methodist Hospital
Valve and SHD		15	Prosthetic Valve Problems: Multimodality Solutions.	3 Prosthetic Valve Cases: Diagnostic Data; intervention (If Any); Outcome; Lessons Learned	Speaker	Nadeen Faza	MD, FASE	Houston Methodist
Valve and SHD		15	Prosthetic Valve Problems: Multimodality Solutions.	Transcatheter Vs Surgical Valve Evaluation: But Aren't They Just the Same?	Speaker	Rebecca Perry	BSc, DMU, AMS, PhD, FASE, FASA	Flinders Medical Centre
Circulation & Vascular		15	Pulseless In Seattle: Peripheral Arterial Occlusive Disease and Access Complication	Sonographic Assessment After Peripheral Arterial Disease intervention	Speaker	Christopher Busse		UW Health
Pediatrics	Intermediate	10	Quality In Waves	QI- The Role of The Sonographer	Speaker	Daniel Saurers	RCS, RDCS, FASE	Vanderbilt Children's Hospital
Pediatrics	Intermediate	10	Quality In Waves	The Diagnostic Accuracy of Fetal Imaging	Speaker	Kenan Stern	MD, FASE	Mount Sinai Hospital
Pediatrics	Intermediate	10	Quality In Waves	Standards in Multimodality Imaging	Speaker	Nadine Choueiter	MD, FASE	Albert Einstein
Pediatrics	Intermediate	10	Quality In Waves	Using Echo Images from Other Centers for Research	Speaker	Ritu Sachdeva	MBBS, FASE	Children's Healthcare of Atlanta

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Pediatrics	Intermediate	10	Quality In Waves	Quality Metrics in Echo Reporting	Speaker	Balasubramanian	MD, FASE	Mott Children's Hospital
Pediatrics	Intermediate	10	Quality In Waves	Question & Answer	Panel			
Function	Basic	15	Secrets to Imaging the Cardiac Chambers	Assessing The Aorta on Echocardiography	Speaker	Basant Arya	MD, FACC, FASE	Baylor College of Medicine
Function	Basic	15	Secrets to Imaging the Cardiac Chambers	Pitfalls in Quantification	Speaker	Gillian Whalley	PhD, DMU, FASE	University of Otago
Function	Basic	15	Secrets to Imaging the Cardiac Chambers	Should I Be Using Strain and 3D Routinely?	Speaker	Gregory Scalia	MBBS, FASE	Prince Charles Hospital
Function	Basic	15	Secrets to Imaging the Cardiac Chambers	What Is New in LV Quantification?	Speaker	Jonathan Bella	MD, FASE	Bronx Lebanon Hospital
Function	Basic	15	Secrets to Imaging the Cardiac Chambers	Artificial intelligence in Chamber Assessment	Speaker	Partho Sengupta	FASE	University Hospital
Function	Basic	15	Secrets to Imaging the Cardiac Chambers	The WASE Study	Speaker	Roberto Lang	MD, FASE	Center
ACHD	Intermediate	15	Shunt Lesions in Adults	Percutaneous Closure of Secundum ASDs in Simple and Complex Anatomy	Speaker	Aimee Armstrong	MD	Nationwide Children's Hospital
ACHD	Intermediate	15	Shunt Lesions in Adults	Not All Shunts Are Holes - Anomalous Pulmonary Veins	Speaker	Cathy West	MSc, AMS, FASE	Royal Brompton Hospital
ACHD	Intermediate	15	Shunt Lesions in Adults	Not All Holes Are Bad - Importance of Septal Defects in Selected Conditions	Speaker	Rebecca Macrae	BSc	Barts Heart Centre
ACHD	Intermediate	15	Shunt Logiono in Adulta	Percutaneous Closure of Sinus Venosus ASDs -	Speaker	Salaha Kahir	PhD	Evelina London Children's
ACHD	Intermediate	15 15	Shunt Lesions in Adults Shunt Lesions in Adults	The Next Frontier Discussion	Speaker Panel	Saleha Kabir	FIID	Hospital
Perioperative	Basic / Intermediate / Adv	13	So Much Strain!! Perioperative Applications of Strain Imaging	TTE Vs TEE Strain Imaging	Speaker	Amuthan Vivekanandan	MD, DM, FASE	Jeyalakshmi Heart Centre
Perioperative	Basic / Intermediate / Adv	12	So Much Strain! Perioperative Applications of Strain Imaging	LV Strain (2D and 3D)	Speaker	Ashlee Davis	BS, ACS, RDCS, FASE	Duke University Medical Center
Perioperative	Basic / Intermediate / Adv	12	So Much Strain! Perioperative Applications of Strain Imaging	LA Strain	Speaker	Brian Hoit	MD, FASE	University Hospitals of Cleveland Medical Center
Perioperative	Basic / Intermediate / Adv	12	So Much Strain! Perioperative Applications of Strain Imaging	RV Strain	Speaker	Kimberly Howard- Quijano	MD, MS, FASE	University of Pittsburgh Medical Center-Presbyteri
Perioperative	Basic / Intermediate / Adv	12	So Much Strain! Perioperative Applications of Strain Imaging	Aortic Strain	Speaker	Lisa Rong	MD, FASE	Weill Cornell Medicine
Perioperative	Basic / Intermediate	15	The Achy Breaky Heart: The Role of Echocardiography in Diagnosis and Risk Stratification	Stress Cardiomyopathy	Speaker	Aldo Prado	MD, FACC, FASE	Institute of Cardiology, National University of Tucuman
Perioperative	Basic / Intermediate	15	The Achy Breaky Heart: The Role of Echocardiography in Diagnosis and Risk Stratification	Peripartum	Speaker	Jasmine Grewal	MD	Providence Health Care
Perioperative	Basic / Intermediate	15	The Achy Breaky Heart: The Role of Echocardiography in Diagnosis and Risk Stratification	нсм	Speaker	Kathirvel Subramaniam	MD, FASE	University of Pittsburgh Medical Center
Perioperative	Basic / Intermediate	15	The Achy Breaky Heart: The Role of Echocardiography in Diagnosis and Risk Stratification	Amyloid Cardiomyopathy	Speaker	Nowell Fine	MD, MS, FRCPC, FASE	University of Calgary
Perioperative	Basic / Intermediate	15	The Achy Breaky Heart: The Role of Echocardiography in Diagnosis and Risk Stratification	Autoimmune Diseases	Speaker	Rekha Mankad	MD, FASE	Mayo Clinic
ACHD	Basic / Intermediate	15	The Fundamentals of ACHD: Developing A Protocol for Success	Anomalies of Situs	Speaker	Christopher Broda	MD	Baylor College of Medicin
ACHD	Basic / Intermediate	15	The Fundamentals of ACHD: Developing A Protocol for Success	Do You See What I See? Thinking Differently as You Approach ACHD Cases	Speaker	George Lui	MD, FASE	Stanford University Medic Center

	Basic /		The Fundamentals of ACHD: Developing A					
ACHD	Intermediate	15	Protocol for Success	Anomalies of AV Concordance	Speaker	Heidi Borchers	BS, RDCS	Seattle Children's Hospital
Myocardium /	Basic /							UT Southwestern Medical
Function	Intermediate	15	The Obsession with EF In Heart Failure	Phenomapping in HFpEF	Speaker	Ambarish Pandey	MD, MSCS	Center
Myocardium / Function	Basic / Intermediate	15	The Obsession with EF In Heart Failure	P1-13: Early Changes in Biventricular Strain in Genotype Positive Transthyretin Amyloidosis Mutation without Myocardial Changes on Two- Dimensional Echocardiography	Abstract Presenter	Lorena Capeline		
Myocardium / Function	Basic / Intermediate	15	The Obsession with EF In Heart Failure	Left Atrial Dysfunction in HFpEF	Speaker	Ravi Patel	MD	Northwestern University Feinberg School of Medicin
Myocardium / Function	Basic / Intermediate	15	The Obsession with EF In Heart Failure	Diastolic Stress Testing in HFpEF	Speaker	Sheldon Litwin	MD, FASE	Medical University of South Carolina
Myocardium / Function	Basic / Intermediate	15	The Obsession with EF In Heart Failure	Microvascular Dysfunction in HFpEF	Speaker	Yogesh Reddy	MD	Mayo Clinic
Myocardium / Function	Basic / Intermediate	15	The People's Ventricle: Imaging of The Right Ventricle	RV intrinsic Cardiomyopathies	Speaker	Benjamin Freed	MD, FASE	Northwestern Memorial Hospital
Myocardium / Function	Basic / Intermediate	15	The People's Ventricle: Imaging of The Right Ventricle	PH and The Right Ventricle	Speaker	Lawrence Rudski	MD, FASE	Jewish General Hospital (Montreal)
Myocardium / Function	Basic / Intermediate	15	The People's Ventricle: Imaging of The Right Ventricle	How and When to Use Advanced Techniques in RV Assessment	Speaker	Luigi Badano	MD, PhD, FASE	University of Milano-Bicoco
Myocardium / Function	Basic / Intermediate	15	The People's Ventricle: Imaging of The Right Ventricle	Imaging The RV	Speaker	Megan Yamat	RDCS, RCS, ACS, FASE	University of Chicago Med Center
Myocardium / Function	Basic / Intermediate	15	The People's Ventricle: Imaging of The Right Ventricle	Guidelines On Measuring Structure/Function	Speaker	Monica Mukherjee	MD, MPH, FASE, FACC, FAHA	Johns Hopkins University
Pediatrics	Intermediate	10	The Waves of The Future	The Echo-Nomics: Do We Need All New Technologies?	Speaker	Girish Shirali	MBBS, FASE	Children's Mercy Hospital
Pediatrics	Intermediate	10	The Waves of The Future	Can We Trust Families with Echo Monitoring- POCUS At Home	Speaker	Katie Stauffer	BS, RDCS (AE, PE, FE), FASE	Lucile Packard Children's Hospital Stanford
Pediatrics	Intermediate	10	The Waves of The Future	Fetal Predictor of Outcomes	Speaker	Mary Donofrio	MD, FASE	Center
Pediatrics	Intermediate	10	The Waves of The Future	Pediatric Year in Review	Speaker	Michael Quartermain	MD, FASE	Philadelphia
Pediatrics	Intermediate	10	The Waves of The Future	3D+ Imaging and 3D Printing	Speaker	Shafkat Anwar	MD	Francisco
Perioperative	Intermediate / Advanced	15	Updates In Secondary Mitral Regurgitation: Diagnosis and Management	Beyond The Vena Contracta: Assessment of FMR in 2022	Speaker	Abimbola Faloye	MD, FASE, FASA	Emory Healthcare
Perioperative	Intermediate / Advanced	15	Updates In Secondary Mitral Regurgitation: Diagnosis and Management	What Has COAPT Taught Us? When To Clip and When Not To	Speaker	Charles Nyman	МВВСН	Brigham and Women's Hospital
Perioperative	Intermediate / Advanced	12	Updates In Secondary Mitral Regurgitation: Diagnosis and Management	Session Introduction Case Presentation	Speaker	Jennifer Warmsbecker	RDCS, BS, FASE	Mayo Clinic
ACHD	Intermediate	15	Valve Disease In ACHD	Stress Echo in Complex ACHD Valve Disease	Speaker	Leo Lopez	MD, FASE	Stanford Children's Hospit
ACHD	Intermediate	15	Valve Disease In ACHD	Congenital Abnormalities of The Mitral Valve	Speaker	Mckenzie Schweitzer	RDCS, FASE	Aurora Health Care
ACHD	Intermediate	15	Valve Disease In ACHD	When and How Do I Repair the Pulmonary Valve?	Speaker	Wei Li	MD	Royal Brompton Hospital
Ischemia	Basic/Interme diate	15	Views of the Sack: Multimodality Approach to Pericardial Disease	Water Balloon: Imaging Effusions and Tamponade	Speaker	Cathy West	MSc, AMS, FASE	Royal Brompton Hospital
Ischemia	Basic/Interme diate	15	Views of the Sack: Multimodality Approach to Pericardial Disease	Putting On the Squeeze: Diagnosing Constriction Without A Catheter	Speaker	Jae Oh	MD, FASE	Mayo Clinic
Ischemia	Basic/Interme diate	15	Views of the Sack: Multimodality Approach to Pericardial Disease	interesting Case Presentation or Abstract	Speaker	Jose Madrazo	MD	Johns Hopkins University School of Medicine
Ischemia	Basic/Interme diate	15	Views of the Sack: Multimodality Approach to Pericardial Disease	Bag of Fire: Seeing Pericarditis	Speaker	Massimo Imazio	MD	
Ischemia	Basic/Interme diate	15	Views of the Sack: Multimodality Approach to Pericardial Disease	Anatomy and Physiology of The Pericardium	Speaker	Terrence Welch	MD, FASE	Dartmouth Hitchcock Med Center

Perioperative	Intermediate	15	What Is the Horizon in Procedural Imaging	PC-06: Can Patients Image Their Own Lungs During Early COVID-19 Infection? The Accuracy of Telehealth Ultrasound and Artificial Intelligence Methods.	Abstract	Eric Tran		Scripps Health
Perioperative	Intermediate	15	What Is the Horizon in Procedural Imaging	Multi-Modality Imaging and Game Theory	Speaker	Frederick Cobey	MD, FASE	Center
Perioperative	Intermediate	15	What Is the Horizon in Procedural Imaging	Virtual Reality in Imaging in Structural Heart	Speaker	Jennifer Silva	MD	Louis
Perioperative	Intermediate	15	What Is the Horizon in Procedural Imaging	The Future of 3D Printing	Speaker	Massimiliano Meineri	MD, FASE	Leipzig University
Fundamentals	Int/Basic	15	What's New with Prosthetic Valves	PPM Vs Obstruction	Speaker	Elaine Shea	FASE	Center
Fundamentals	Int/Basic	15	What's New with Prosthetic Valves	Valvular Vs Paravalvular Reg	Speaker	Theresa Green	RDCS, FASE	Piedmont Healthcare
Fundamentals	Int/Basic	15	What's New with Prosthetic Valves	Valve-in-Valve	Speaker	Thomas Van Houten	FASE	UCSD Health
Imaging Fundamentals	Int/Basic	15	What's New with Prosthetic Valves	Stress Echo in Prosthetic Valves	Speaker		,	Queensland University of Technology