Ejection Fraction

How to measure it? / Bojana Zukanovic RDCS (20 min)
Facts and Myths / Tina Varghese MD (10 min)
Questions and Discussion / All (10 min)

Volumes

What and how to measure? / Erica Pearson RCS RCCS RVS
Key Clinical Facts / Peter Flueckiger (10 min)
Questions and Discussion / All (10 min)
**3D Echo**

When and how to do it? / Kevin Moreau RDCS (25 min)
Clinical Relevance / Vibhav S. Rangarajan MD (10 min)
Questions and Discussion / All (10 min)

---

**Virtual Exhibit**

---

**Wall Thickness/Mass**

What and How to Measure? / Katherine C. Lee BS (20 min)
Clinical Relevance / Mani A. Vannan MBBS (10 min)
Questions and Discussion / All (10 min)

---

**Two Illustrative Case Studies (Integrating 2D, Contrast, 3D)**

Interactive Performance and Interpretation / Theresa Green RDCS and JD Cochran RDCS (40 min)
Questions and Discussion / All (5 min)

---

Adjourn
Myocardial Strain (The Entry Level)
- Types of strain / Mani A. Vannan MBBS (15 min)
- What and How to measure? / Kayla Lambert RDCS (30 min)
- Questions and Discussion / All (10 min)

Myocardial Strain (The Zen Level)
- Myocardial mechanics made simple, specifically for you / Mani A. Vannan MBBS (25 min)
- Tips to make the GLS measurement reliable in your Echo Lab? / Theresa Green RDCS (15 min)
- Questions and Discussion / All (10 min)

Virtual Exhibit

Three Illustrative Case Studies (Integrating Contrast, 3D, Strain)
- Interactive Performance and Interpretation / Theresa Green RDCS, JD Cochran RCS and Bojana Zukanovic RDCS (60 min)
- Questions and Discussion / All (10 min)

Adjourn
Program Highlights

- Focus on technical excellence in the usual and challenging circumstances
- Peer-to-peer teaching and discussion
- Spotlight on what works in the real-world
- Emphasis on achieving excellence through “thinking Echocardiography”
- Highlighting the sonographer-physician team as the basis for success

Objectives

- Understand what indices constitutes assessment of left ventricular function
- Apply this knowledge to comprehensively quantify the left ventricle in routine practice
- Formulate a scheme to optimize the use of contrast, 3D, strain measurements in everyday Echocardiography

Who Should Attend

- Sonographers, Sonographer-trainees
- Physicians and Physician-trainees
- Nurses and all others who are touched by the magic of Echocardiography
- All those who consider themselves students (and masters) of science of the LV
- All those who ask “How Do I accomplish excellence in my world of Echo”
- And of course, all those who are curious about what is in-between lines in the guidelines!