

TEE Workshop CRASH 2012

Monday, March 5, 2012:

TEE for the General Anesthesiologists I:

1. Basic TEE views	Nathæn Weitzel	4:00-4:30
2. Doppler Modalities	Nathæn Weitzel	4:35-5:05
3. Systolic Function	Tamas Seres	5:10-5:40
Practice on Echo Machines in two groups:	5:55-6:25 and 6:30-7:00	
1 st Group:	Knobology	
	Recognizing views	Nathæn Weitzel/ Gregory Wolff
2 nd Group:	Using Doppler modalities	Tamas Seres/Stevens Quinn

TEE Simulation (2 persons/hour) 4:00-7:00

Objectives: Part I will focus on the physics of the transducer, the basic 2D TEE views, and the clinical application of Doppler modalities.

At the end of the review, participants should be able to:

1. Understand the generation of TEE images and views
2. Understand Doppler and color echocardiography concepts
3. Do Doppler measurements to evaluate cardiac function with TEE

TEE CME credit: 3 hrs

Tuesday, March 6, 2012:

TEE for the General Anesthesiologists II:

1. Diastolic Function	Tamas Seres	4:00-4:30
2. Evaluation of the mitral valve	Fadi Nasrallah	4:35-5:05
3. Evaluation of the aortic valve	Ferenc Puskas	5:10-5:45
Practice on Echo Machines in two groups:	5:55-6:25, 6:30-7:00	
1 st Group:	Mitral valve	Fadi Nasrallah/Stevens Quinn
2 nd Group:	Aortic valve	Ferenc Puskas/Gregory Wolff

TEE Simulation (2 persons/hour) 4:00-7:00

Objectives: Part 2 will focus on the evaluation of systolic and diastolic function, the normal anatomy of the mitral and aortic valve, and the evaluation of mitral and aortic stenosis and regurgitation.

At the end of the review, participants should be able to:

1. Understand systolic and the different types of diastolic dysfunction
2. Understand the evaluation of mitral valve anatomy and function
3. Understand the evaluation of aortic valve anatomy and function
4. Do basic hemodynamic measurements and calculations on the mitral and aortic valve

TEE CME Credit: 3 hrs

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Wednesday, March 7, 2012:

TEE Simulation and 3D TEE Hands on Course:

TEE Simulation:

Basic Views and Views for Hemodynamic Evaluation (2 persons/hour) 4:00-7:00

3D TEE:

1. Introduction to 3D TEE volume measurement Tamas Seres 4:00-4:25
2. Introduction to 3D TEE valve evaluation Tamas Seres 4:30-4:55

Practice on Echo Machines in two groups: 5:00-6:00, 6:05-7:05

1st Group: Volume measurement with 3D echo Tamas Seres/Stevens Quinn

2nd Group: Evaluation of the mitral valve with 3D echo Tamas Seres/Gregory Wolff

Objectives: 3D TEE course will focus on the evaluation of ventricular function and the mitral valve

At the end of the review, participants should be able to:

1. Understand the 3D TEE evaluation of LV function.
2. Understand the TEE evaluation of the mitral valve.
3. At the end of the course participants will be able to understand and practice 3D echo and use it for evaluating volumes and valve function.

TEE CME Credit: 3 hrs

Total TEE CME Credit: 9 hrs

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