

Certification Course In Advanced Echocardiography

Principles of myocardial mechanics and three-dimensional imaging

1. Only the registered attendees of the 30th Turkish Cardiology Congress with International Participation can apply for this Certification Course In Advanced Echocardiography.
2. Additional Fee for Course Registration is € 500.-
3. Course registration is limited for the first 20 applicants.

DAY One

08:00-08:15

Welcome

Session 1: Basic principles of myocardial mechanical imaging

08:15-09:00 Tissue Doppler, displacement, strain, strain rate and speckle tracking.

09:00-09:30 Twist and rotation

09:30-09:45 Coffee-break

09:45-10:15 Novel approach to ventricle contraction; myocardial mechanical imaging

10:15-10:45 Quantification of quantify mechanical dyssynchrony

10:45-11:00 Coffee-break

11:00-11:40 Myocardial mechanical imaging in clinical cases-1: Valvular pathologies

11:40-12:20 Myocardial mechanical imaging in clinical cases-2: Heart failure and cardiomyopathies

12:10-12:45 Lunch

Session-2: Three-dimensional echocardiography

12:45-13:15 Principles and modalities in three-dimensional echocardiography, pitfalls in data acquisition

13:15-13:45 Recommendations for clinical usage of three-dimensional echocardiography

13:45-14:15 Three-dimensional echocardiographic evaluation of atrial septum and echocardiography guided ASD closure

14:15-14:30 Coffee-break

14:30-15:00 Echocardiography guided TAVI

15:00-15:30 Echocardiography guided Mitral-clip

15:30-16:00 Echocardiography for transcatheter closure of paravalvular leaks

16:00-16:15 Coffee-break

Session-3: Practical Session

16:15-18:00 Optimal image acquisition for three-dimensional echocardiography,

DAY Two

Session-4: Practical Session

08:00-12:00

Group A	Group B
<i>Myocardial mechanical imaging</i>	<i>Three-dimensional imaging</i>
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