

**Up-To-Date 4D Echocardiography:  
Intensive hands-on 4D TTE and TOE echo course  
October 03-04<sup>th</sup> 2020**

**Course program**

**Course Directors**

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- Papadopoulos Konstantinos MD, PhD, FEACVI, Cardiologist, Echocardiography Lab, European Interbalkan Center Thessaloniki, Greece

**1<sup>st</sup> Day: Chambers evaluation**

08:30-09:00	Physics of 4D echo
09:00-10:00	<i>Workstation session I:</i> Introduction in EchoPac workstation
10:00-11:00	<i>Live session I:</i> LV acquisition and assessment (biplane/triplane, 4D zoom prepare, full volume)
<b>11:00-11:15</b>	<b>Break</b>
11:15-11:45	How to assess left ventricle and left atrium with 4D
11:45-13:00	<i>Workstation session II:</i> LV/LA assessment (Multislice, Triplane, 4D AutoLVQ)
13:00-14:30	<i>Live session II:</i> hands-on scanning by the participants
<b>14:30-15:30</b>	<b>Break</b>
15:30-16:15	Evaluation of right ventricle by 4D echocardiography

16:15-17:15 *Live session III: RV acquisition*

**17:15-17:30 Break**

17:30-18:45 *Workstation session III: RV assessment*

## **2<sup>nd</sup> Day: Valvular assessment**

09:00-09:15 4D Aortic valve assessment – TAVI preparation

09:15-10:00 Mitral valve assessment

**10:00-10:15 Break**

10:15-10:45 *Workstation session IV: AoV analysis*

10:45-12:15 *Workstation session V: MV analysis*

12:15-13:15 *Live session IV: hands-on scanning of MV by the participants*

**13:15-14:15 Break**

14:15-15:00 4D Tricuspid valve assessment (lecture)

15:00-16:00 *Workstation session VI: TV analysis*

**16:00-16:30 Break**

16:30-18:00 *Live session V: hands-on scanning by the participants / Workstation analysis*