The 4th Barcelona Myocardial Strain Hands-on will be organised in Barcelona, on **Thursday 18th and Friday 19th of May 2017**.

This course provides a thorough overview and hands-on experience in myocardial strain analysis (speckle tracking as well as Tissue Doppler-based). The concepts of the strain analysis, together with tips-and-tricks for the processing, will be presented using **Illustrative patient cases** and enriched with pathophysiologic knowledge of cardiac mechanics and ventricular remodelling to provide advanced interpretation for clinical practice or research projects. Participants get plenty of time for **hands-on analysis** of **cases provided** as well their **own cases** to analyse them under supervision of the experts.

### Thursday, May 18, 2017

#### Session I
**General concept and working on normal hearts**
- **09.00 - 09.05** Opening
- **09.05 - 09.35** Strain analysis on EchoPac - Concepts and demonstration
- **09.35 - 10.20** Normal cases analysed by participants
- **10.20 - 10.35** Interactive wrap-up
- **10.35 - 11.00** Coffee break

#### Session II
**Hypertrophic hearts**
- **11.00 - 11.30** Hypertrophic hearts - Concepts and demonstration
- **11.30 - 12.15** Hypertrophic cases analysed by participants
- **12.15 - 12.30** Interactive wrap-up
- **12.30 - 14.00** Lunch

#### Session III
**Thin myocardium**
- **14.00 - 14.30** Thin myocardium- Concepts and demonstration
- **14.30 - 15.15** CAD and HF cases analysed by participants
- **15.15 - 15.30** Interactive wrap-up
- **15.30 - 16.00** Coffee break

#### Session IV
**LBBB and CRT**
- **16.00 - 16.30** LBBB and CRT - Concepts and demonstration
- **16.30 - 17.15** LBBB and CRT cases analysed by participants
- **17.15 - 17.30** Interactive wrap-up

### Friday, May 19, 2017

#### Session V
**Valve diseases**
- **09.00 - 09.30** Valve diseases - Concepts and demonstration
- **09.30 - 10.15** Valve disease cases analysed by participants
- **10.15 - 10.30** Interactive wrap-up
- **10.30 - 11.00** Coffee break

#### Session VI
**The RV**
- **11.00 - 11.30** RV - Concepts and demonstration
- **11.30 - 12.15** RV cases analysed by participants
- **12.15 - 12.30** Interactive wrap-up
- **12.30 - 14.00** Lunch

#### Session VII
**Cases from the participants**
- **14.00 - 16.15** Analysis of cases brought by the participants
- **16.15 - 16.30** Course wrap-up

### Venue:
Universitat Pompeu Fabra - Communication campus - Poblenou
Roc Boronat, 138 - 08018 Barcelona, Spain

### Registration Fee

<table>
<thead>
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<th>Regular:</th>
<th>Early bird until April 1</th>
<th>Late registration from April 1</th>
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<tr>
<td>Students and Technicians:</td>
<td>€ 450</td>
<td>€ 550</td>
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<tr>
<td>Students and Technicians:</td>
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**All information and online registration: www.bcn-strain.com**