

# Deformation Imaging: Practical Course in Strain Imaging

Tuesday, October 27, 2020 in Uppsala



## Program

09:30-09:45	Welcome & course introduction	Frank Flachskampf, Uppsala
09:45-10:15	Basics of deformation imaging. Tissue velocity and deformation, speckle tracking, concepts, methodologies, image quality and pitfalls	Per Lindqvist, Umeå
10:15-10:30	Coffee break	
10:30-11:50	Introduction followed by hands-on instruction at EchoPAC® workstation: Patient cases. Strain imaging. Event timing. AFI 2.0. 2D strain	Lars Måge, GE
11:50-12:30	Strainmätning i rutinen	Jan Engvall, Linköping
12:30-13:20	Lunch break	
13:20-13:50	Role of strain imaging in today's clinical cardiology	Frank Flachskampf, Uppsala
13:50-14:15	Illustrative clinical cases	Per Lindqvist, Umeå
14:15-14:30	Coffee break	
14:30-15:20	Advanced perspectives: Twist, torsion, 3D strain, layer strain, synchrony, TTP (time to peak), PSD (peak strain dispersion), Myocardial Work. LA Strain. Hands-on instruction at EchoPAC® work station: Using advanced tools + patient cases	Lars Måge, GE
15:20-15:30	Open discussion & farewell	
15:30-	"Researchers corner": How to export data? And other questions.	Lars Måge, GE

### About the course

Recorded patient cases and hands-on practical analysis and interpretation

**Languages:** Swedish, Norwegian & English

**Location:** Will be announced later

### Heartily welcome!

**Frank Flachskampf**  
Professor, Uppsala University

**Lars Måge**  
Clinical & Application Leader, GE

### Registration

Sign up by contacting Eva-Maria Hedin, course administrator. Email: [eva-maria.hedin@medsci.uu.se](mailto:eva-maria.hedin@medsci.uu.se)

### Price

Total course fee SEK 1900:- (excl. 25% moms, incl. coffee/te and lunch)

