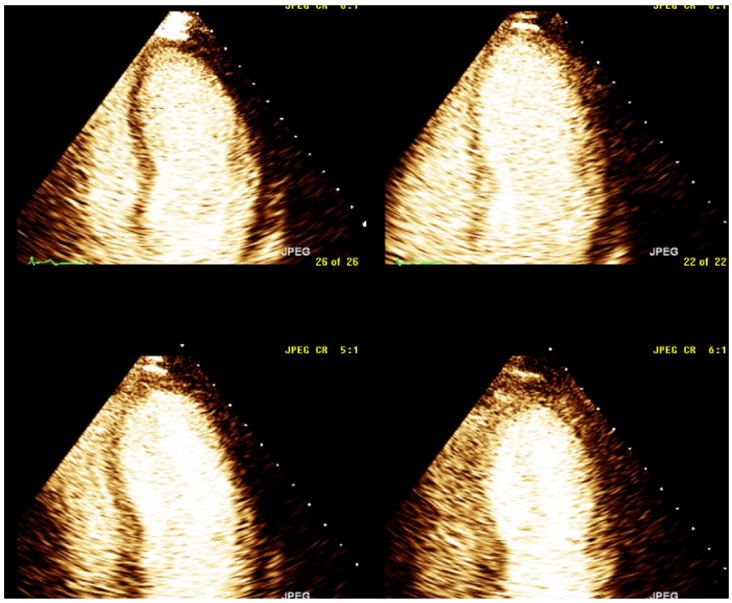


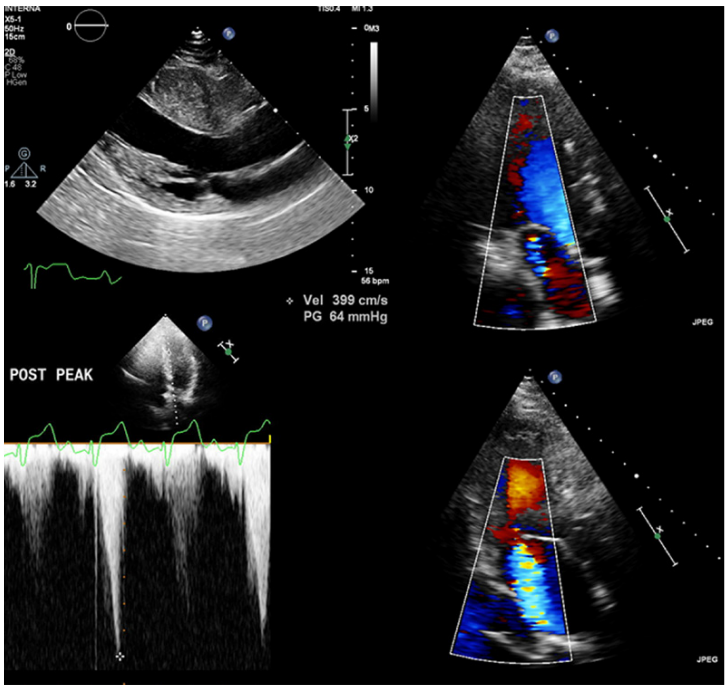
4th EAST BOHEMIA STRESS ECHOCARDIOGRAPHY ON-LINE COURSE

29. 9. 2023

Event endorsed by

EACVI
European Association of Cardiovascular Imaging

British Society of Echocardiography
endorsed course



FACULTAS MEDICA HRADEC KRÁLOVÉ

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I. interní kardioangiologická klinika
LF UK A FN HK

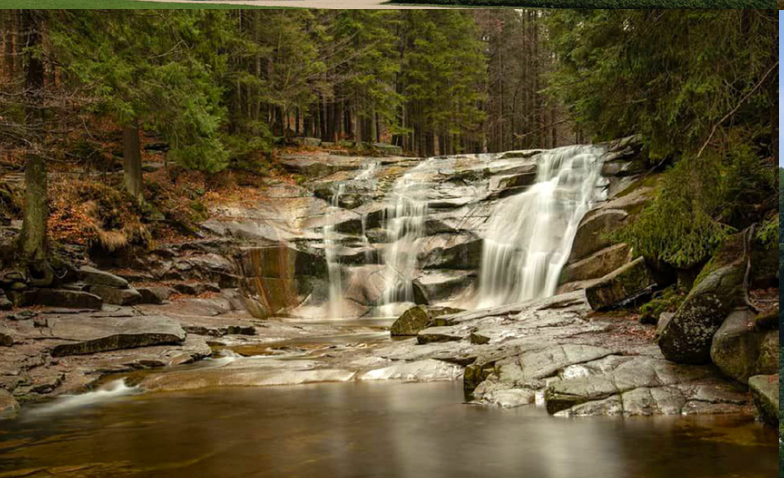
Welcome to the 4th East Bohemia Stress Echocardiography On-line Course

Dear colleagues,
Stress echocardiography plays important role not only in investigation of patients with known or suspected ischaemic heart disease, but also in valvular and structural heart disease. It benefits from being low cost and radiation-free method with high accuracy, which can be performed with minimal additional staffing or technical requirements.

The on-line course objective is to familiarise participants with the basic principles of the common stress echocardiography modalities used in the routine clinical practice. It is designed mainly for cardiologists and echocardiographers who are interested in stress echocardiography and want to set up or further develop their service. The lectures are accompanied by an illustrative case reports and will be available on damand for review to all the registered active participants after the course.

We are looking forward to meeting you on-line in September 2023!

Dr Karel Medilek FRCP
Course director



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8:50–9:00 Welcome

9:00–10:30 Introduction to stress and contrast echocardiography

1. **Why functional imaging? The role of stress echocardiography in CAD**
   B Shah
2. **Contrast echocardiography A to Z**
   A Borg
3. **How to approach ischaemic stress echo studies**
   R Khattar

10:30–11:00 Break

11:00–12:00 Stress echocardiography modalities in ischaemia testing

4. **Dobutamine stress echo**
   K Medilek
5. **Vasodilator stress echo**
   N Gaibazzi
6. **Exercise stress echo**
   A Borg

12:00–12:15 Break

12:15–13:15 „Advanced" stress echocardiography ischaemia testing

7. **Stress echo for viability**
   K Medilek
8. **Myocardial contrast echocardiography**
   R Senior
9. **Coronary flow reserve**
   N Gaibazzi
   Q&A 15 min.

13:15–14:00 Break

14:00–15:15 Stress echocardiography in non-ischaemic heart disease

10. **Stress echo in mitral valve disease**
    B Shah
11. **Stress echo in aortic valve disease**
    R Khattar
12. **Stress echo in cardiomyopathies**
    A Borg
13. **Stress echo in diastolic dysfunction**
    J Hrecko

15:15–15:45 Guest lecture

14. **ABCDE + protocol**
    E Picano

15:45–16:15 Break

16:00–17:30 Ischaemia stress echocardiography in clinical practice

15. **(Almost) live cases from stress echo lab**
    K Medilek
16. **Case reports**
    panel
17. **How to set up your stress echo lab**
    K Medilek

17:45 Closing remarks

Registration
Registration is possible on-line only and is confirmed upon the on-line payment at the time of registration. The registration fee is 30 €.

Access to the course
The access code for the course will be available from the personal account created at the time of registration. Personal link will be sent to the registered e-mail before the course date. Lectures will be available for registered participants on demand until 31st December 2023.

Continuous Professional Development (CPD) points
The course is accredited by European Board for Accreditation in Cardiology (EBAC) and was awarded 6 CME points.
Certificate of attendance will be distributed to the registered e-mail.
The number of CME points awarded will be based on the real tracked time spent viewing the course on-line or on demand (1 hour = 1 point).

References
The programme is based on the following ESC guidelines/EACVI recommendations and expert consensus
papers:

- 2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes: The Task Force for the diagnosis and management of chronic coronary syndromes of the European Society of Cardiology (ESC)
- 2017 Clinical practice of contrast echocardiography: recommendation by the European Association of Cardiovascular Imaging (EACVI)
- 2016 The clinical use of stress echocardiography in non-ischaemic heart disease: recommendations from the European Association of Cardiovascular Imaging and the American Society of Echocardiography
- 2009 Stress Echocardiography Expert Consensus Statement–Executive Summary: European Association of Echocardiography (EAE) (a registered branch of the ESC)

Organising bodies
Faculty of Medicine Hradec Kralove, Charles University Prague, Czech Republic
1st Department of Cardio-Angiology, University Hospital Hradec Kralove, Czech Republic

Faculty
Dr Alexander Borg, Mater Dei Hospital, Msida, Malta
Dr Nicola Gaibazzi, Parma University Hospital, Parma, Italy
Dr Juraj Hrecko, University Hospital Hradec Kralove, Czech Republic
Dr Rajdeep Khattar, Royal Brompton Hospital, London, United Kingdom
Dr Karel Medilek, University Hospital Hradec Kralove, Czech Republic
Professor Eugenio Picano, Institute of Clinical Physiology Pisa, Italy
Professor Roxy Senior, Royal Brompton Hospital, London, United Kingdom
Dr Benoy Shah, University Hospital Southampton, United Kingdom

Course language: English
Course website: www.stressechohk.com
Inquires: echohk@lfhk.cuni.cz

The course is endorsed by EACVI (European Association of Cardiovascular Imaging), BSE (British Society of Echocardiography) and organised under the auspices of Czech Society of Cardiology and Dean of Faculty of Medicine Hradec Kralove, Czech Republic.