AEPC Imaging WG
Echo Liaison Report 2017

Dr Owen Miller
AEPC – Liaison Officer Report

AEPC / EACVI- CHD accreditation
  2016 exam results
  Recertification
  AEPC Echo courses

EACVI- EuroEcho Scientific programme
  Proposals for 2017
  Future directions

AEPC – EACVI – ASE
  Joint guidelines
Joint guidelines – submitted with EACVI & ASE

3D echo in CHD

- Simpson JM / Shirali G – lead authors

Three-dimensional echocardiography in congenital heart disease: an expert consensus document from the European Association of Cardiovascular Imaging and the American Society of Echocardiography

John Simpson*, Leo Lopez, Philippe Acar, Mark Friedberg, Nee Khoo, Helen Ko, Jan Marek, Gerald Marx, Jackie McGhie, Folkert Meijboom, David Roberson, Annemien Van den Bosch, Owen Miller, and Girish Shirali

Evelina London Children’s Hospital, London, UK.

Received 31 May 2016; accepted after revision 28 June 2016
• Curriculum and exam developed by AEPC–Imaging working group
  • Exam workshops April 2016
    • Rewrote many new questions
    • Set up criteria for exam categories
    • Revised core CHD curriculum

• Written exam
  • Theory paper
    • 75 MCQ
  • Reporting paper
    • 50 MCQ based on digital cine loops or stills
Post exam

• e-Logbook of 250 cases
  • Keep paper copy or e-copy of report

• Cover whole range of lesions
  • < 30 % normals

• 10 x DOPs
  • Directly Observed Practice
    • Link to report and cine file
    • Keep cine files

• Assessors must be attending/consultant/specialist cardiologist or certified sonographer
CHD Recertification

• 5 Year cycle

• 125 CHD TTE echos/year

• 50 CPD hours over 5 years

• Must apply whilst still currently certified
No. of exam candidates by year
Exam results by year/venue

Diagrammtitel

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<tr>
<th>Year/Venue</th>
<th>Pass</th>
<th>Fail</th>
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<td>Prague 2006</td>
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Echo Certification

• Electronic exam successfully introduced

• Now need to categorise all questions and grade for complexity
  • Angoff scoring of all questions by experts to determine pass rate

• Still only single opportunity per year @ EuroEcho
  • Reconsider AEPC exam once electronic platform established?
Another idea...

• Level 1, Level 2 and Level 3 Certification?
  • Level 1 introduction, constant supervision
  • Level 2 independent operator:
    • limited scope (Screening, Diagnosis, Neonatology)
  • Level 3 – Comprehensive CHD pre and post op.
  • Linked to courses and conferences..
AEPC Echo Courses - 2016

• 4\textsuperscript{rd} Basic Course
  • Milano 14-16 April 2016

• 11\textsuperscript{th} European Echo Course
  • Bordeaux  November 2016
European Echo Course (Advanced) - October 2017
MAIN THEMES
Imaging in heart failure
Interventional imaging

Call for abstracts
1 April – 31 May

Early fee deadline
30 September
EuroEcho Imaging - Lisbon 2017

CHD programme - 8 sessions – Full CHD track!

• 3 x Wednesday Teaching sessions
  • Tetralogy of Fallot
  • Single Ventricle
  • Arch Abnormalities

• 6 x Scientific sessions
  • Imaging for Intervention
  • Imaging in Heart Failure, Transplantation and Assist Devices
  • New Horizons
  • AV valves in CHD
  • Multimodality Seminar: Coronary Abnormalities
  • Debates: Advanced vs Conventional Imaging

• 1 x Dedicated CHD abstract session
• 1 x CHD Cases