### Day 1 – Wednesday 23rd September 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Topic</th>
<th>Speakers</th>
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<tbody>
<tr>
<td>08:00-08:30</td>
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<td>08:30-08:45</td>
<td>Prof M. Gatzoulis</td>
<td>Welcome and Introduction</td>
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<td>08:45-09:00</td>
<td>Prof Yen Ho</td>
<td>Morphology of the normal heart</td>
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<td>09:00-09:20</td>
<td>Ms Cathy West</td>
<td>ACHD Echo protocol</td>
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<td>09:20-09:50</td>
<td>Prof Wei Li</td>
<td>How to perform echocardiography for ACHD patients</td>
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<td>09:50-09:55</td>
<td>Q's</td>
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<td>10:15-10:35</td>
<td>Dr Elena Surkova</td>
<td>Echocardiographic assessment of RV systolic and diastolic function.</td>
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<td>10:35-10:45</td>
<td>Q's</td>
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<td>11:05-11:20</td>
<td>Prof Wei Li</td>
<td>Echocardiography for endocarditis assessment</td>
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<td>11:20-11:30</td>
<td>Q's</td>
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<td>11:30-11:40</td>
<td>Dr Karen McCarthy</td>
<td>Morphology of VSDs - live video demonstration.</td>
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<td>11:40-11:55</td>
<td>Dr Giancarlo Scognamiglio</td>
<td>Echocardiographic assessment VSD employing the ISACHD protocol.</td>
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<td>12:30-12:40</td>
<td>Q's</td>
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**Session 4 Septal defects**

**Ventricular Septal defect (VSD) and Atrioventricular Septal defect (AVSD)**

- 13.30-13:40 Morphology of VSDs - live video demonstration. Dr Karen McCarthy
  - Dr Giancarlo Scognamiglio
- 13:55-14.05 Morphology of AVSD - live video demonstration. Dr Karen McCarthy
- 14:05 -14:20 Echocardiographic assessment AVSD pre- and post-op.
  - Dr Annemien van den Bosch
- 14.20 -14.35 Tips and tricks in assessing shunt lesions Dr Irena Ivanac

**Session 5 ACHD with pulmonary hypertension including ES**

- 14:35-14.55 Echocardiographic assessment. Dr Giancarlo Scognamiglio
- 14.55-15.15 CMR in ACHD PAH. Dr Sonya Babu-Narayan
- 15.15-15.30 CT in ACHD PAH. Dr Tom Semple
- 15.30-15.40 Questions

**Session 6 Disease of the left ventricular inflow and outflow tract (including sub-AS, valvar AS, supra-AS and CoA)**

- 15.55-16.15 Morphology. Prof Yen Ho.
- 16.15-16.30 Echo assessment of LV inflow abnormality. Dr Karen von Klemperer
- 16.30-16.50 Echocardiographic assessment LV outflow tract lesions.
  - Ms Cathy West.
- 16.50-17.10 CMR assessment. Dr Alessandra Frigiola
- 17.10-17.20 Questions
Day 2 – Thursday 24th September

Session 7 Ebstein anomaly of the tricuspid valve
09:00-09:10 Morphology. Prof Yen Ho.
09:10-09:30 Echocardiographic assessment employing the ISACH protocol. Dr Irena Ivanac
09:30-09:50 CMR assessment of Ebstein anomaly. Dr Sonya Babu-Narayan
09:50-09:55 Questions

Session 8 Tetralogy of Fallot
09:55-10.05 Morphology - live video demonstration. Dr Karen McCarthy
10.05-10.20 Echocardiographic assessment post ToF repair. Dr Annemien van den Bosch
10.20-10.40 Post ToF repair – what CMR can offer. Dr Sonya Babu-Narayan
10.40-10.45 Questions

10.45-10.55 Short break

Session 9 Transposition of the great arteries (TGA)
10.55-11.05 Morphology - live video demonstration. Dr Karen McCarthy
11.05-11.20 Echocardiographic assessment of TGA after arterial switch repair. Ms Cathy West
11.20-11.40 Echocardiographic assessment of TGA after atrial switch repair. Dr Annemien van den Bosch
11.40-11.55 Echo assessment of patients post Rastelli repair. Dr Annemien van den Bosch
11.55-12.10 CMR in assessment of TGA including surgically repaired patients Dr Sonya Babu-Narayan
12.10-12.20 Questions

12.20-13.00 Lunch break

Session 10 Congenitally corrected transposition of the great arteries (ccTGA)
13.00-13.10 Morphology - live video demonstration. Dr Karen McCarthy
13.10-13.40 Echocardiographic assessment of ccTGA. Dr Harith Alam
13.40-13.55 CMR in assessment of CC-TGA Dr Alessandra Frigiola
13.55-14.10 Subpulmonary LV in systemic RV – does it matter? Dr Elena Surkova
14.10-14.15 Questions

14.15-14.30 Short break

Session 11 Physiologically Univentricular heart
14.30-14.50 Morphology - live video demonstration. Prof Yen Ho.
15.10-15.30 Echocardiographic assessment of the adult patient post Fontan repair. Ms Cathy West
15.30 -15.45 CMR in assessment of cardiac anatomy and surgical results. Dr Sylvia Krupickova
15.45-15.50 Questions

Session 12: ACHD challenges
15:00-15.10 Echocardiographic assessment of pericardial effusion, constriction and restriction in ACHD. Prof Roxy Senior
16:10-16.30 Pacing & Optimisation in ACHD. Dr Wei Li
16.30-16.35 Questions
16:35 - 16.55 Use of CT in ACHD Dr Tom Semple

Registration and information:
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