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|  | Day 1 | LV and RV assessment |
| 8.00 – 8.10 |  | Introduction – aim of conference |
| 8.10 – 8.30 | Lecture | Principles of Doppler |
| 8.30 – 8.40 |  | Cases Doppler – when to use colour/CW/PW Doppler |
| 8.40 – 9 40 | Hands on | Use of doppler, alignment, PW,CW, colour gain, measurement of velocity and pressure |
| 9.40 -9.50 | Morning tea |  |
| 9.50 -10. 10 | Lecture | LV function assessment |
| 10.10 –10.30 |  | Cases LV function |
| 10.30 –12.30 | Hands on | Fractional shortening  Eye ball  Simpson’s  VTI LVOT  Naming walls |
| 12.30– 1.00 | lunch |  |
| 1.00 – 1.20 | Lecture | RV assessment/acute |
| 1.20 – 1.40 |  | Cases RV assessment |
| 1.40 – 3.40  4 rotations | Hands on | RV in all views  TAPSE  RVSP  PAT  IVC |
|  | Day 2 |  |
| 8.00 – 8.20 | Lecture | Ascending aorta/aortic root |
| 8.20 – 9.50  3 rotations | Hands on | M mode  Measurement of aortic root  Views including suprasternal notch |
| 9.50 -10.00 | Morning tea |  |
| 10.00 -10.45 | Lecture | Assessment of valves – general principles  MR James  AS Gen |
| 10.45 –11.00 |  | Cases MR/AS |
| 11.00 –12.30  3 rotations | Hands on | Aortic valve – Doppler /colour in all views  mitral– Doppler/ Colour in all views |
| 12.30 – 1.00 | lunch |  |
| 1.00– 2.30 | Hands on | Full Emergency cardiology exam based on cases |
| 2.30 – 3.30 | Lecture/QUIZ | Pathology Cases |

ECHO Masterclass 2023