



14th ECHO HONG KONG

Mastering the All-Time Clinical Tool

23 - 26 November 2023
Hong Kong Convention and Exhibition Centre

Workshop II with Hands-on Demonstration

Station C

*How to Perform and Optimize Strain Imaging in
Clinical Practice*

Friday 24 November 2023

09:30 – 12:15

Room S426



Case C1 - CHL

- M/24
- ADHD on Ritalin (methylphenidate – a CNS stimulant) for 10 years
- Presented with palpitation Oct 2022 with frequent PVC (11% → 3%) noted
- CTCA – no significant stenosis
- Echo revealed impaired LV systolic function, LVEF 40%, trace MR / TR / PR
- on entresto, aldactone & metoprolol



Case C2 - ICH

- M/33
- Symptoms of acroparesthesia of feet, xerostomia and anhidrosis since childhood
- Mother was diagnosed Fabry disease with GLA mutation in 2019
- Genetic test +
- No treatment is started yet



Case C3 - YHK

- Male / 60
- PMHx:
 - Old CVA with right LACI
 - HT / Hyperlipidaemia
 - Moderate OSA on CPAP
 - Incidental finding of fusiform ascending aorta dilatation and proximal thoracic descending aorta dilatation
- Presented in 2018 with 1 year history of reduced exercise tolerance and lower limb oedema
- Subsequently developed AF in late 2018
- Recurrent admissions with CHF and fast AF between 2019 and 2022



Case C3 - YHK (con't)

- Echocardiogram in Sept 2023:
 - In AF during study
 - Dilated LV and RV with impaired LV systolic function, EF ~20% with global hypokinesia
 - Dilated LA & RA, dilated ascending aorta
 - Mild AR / MR
 - Severe PR
 - Moderate to severe TR with RVSP of ~48mmHg with PHT