



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 F
Ventricular Function Assessment

Friday 24 November 2023
09:30 – 12:15
Room S423



Case F1 & F2 - CTK

- 54/M
- Smoker / Drinker. Underlying HT / Lipid / DM with nephropathy
- Ischaemic heart disease present with APO. Coro: 3VD with RCA CTO, PCI to all 3 vessels
- Progressive renal deterioration now on CAPD, pending renal transplant
- Known poor LVEF refused ICD. NYHA Class II



Case F1 & F2 – CTK (con't)

- TTE:
 - Impaired LV systolic function EF ~ 15%
 - Impaired RV systolic function with TAPSE 1.5 cm
 - Global Hypokinesia. Dilated LV
 - Mild MR/ TR with RVSP ~ 30.8 mmHg
 - No LV thrombus seen



Case F3 – CTS

- M/58
- Known hypertension, hyperlipidemia and impaired fasting glucose
- Exertional chest pain since 2021
- Coro in 10/2023 showed mild LM disease, LAD proximal 70%. LCx ostial 80%, distal CTO. RCA proximal 60%, distal CTO
- PCI to LAD and LCx
- Planned medical therapy to RCA



14th ECHO HONG KONG

Mastering the All-Time Clinical Tool

23-26 November 2023

Case F3 – CTS (con't)

Echo 8/2023

- LVEF 20%, severe hypokinesia over lateral, posterior and inferior walls
- Compatible with ischemic cardiomyopathy