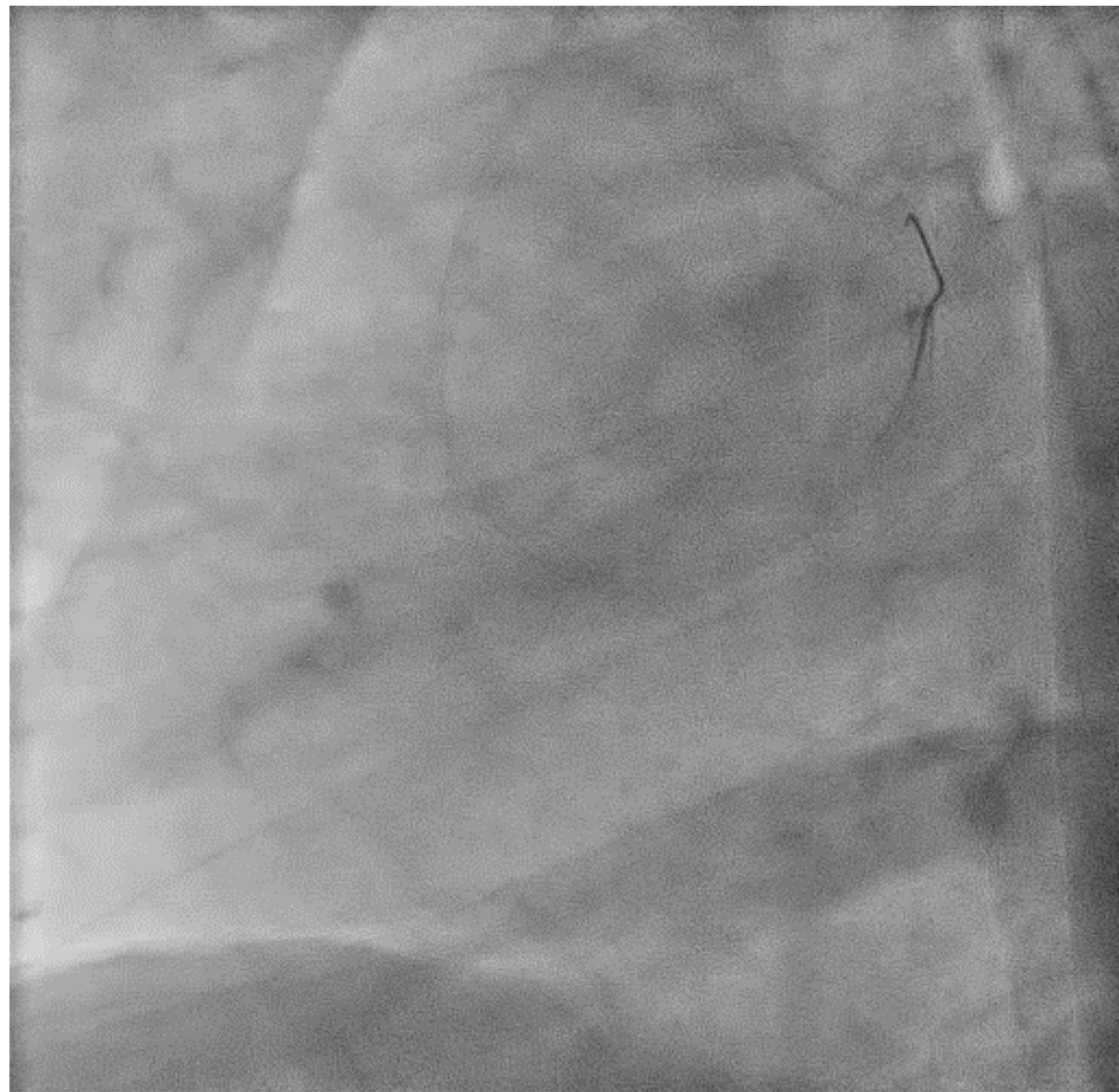
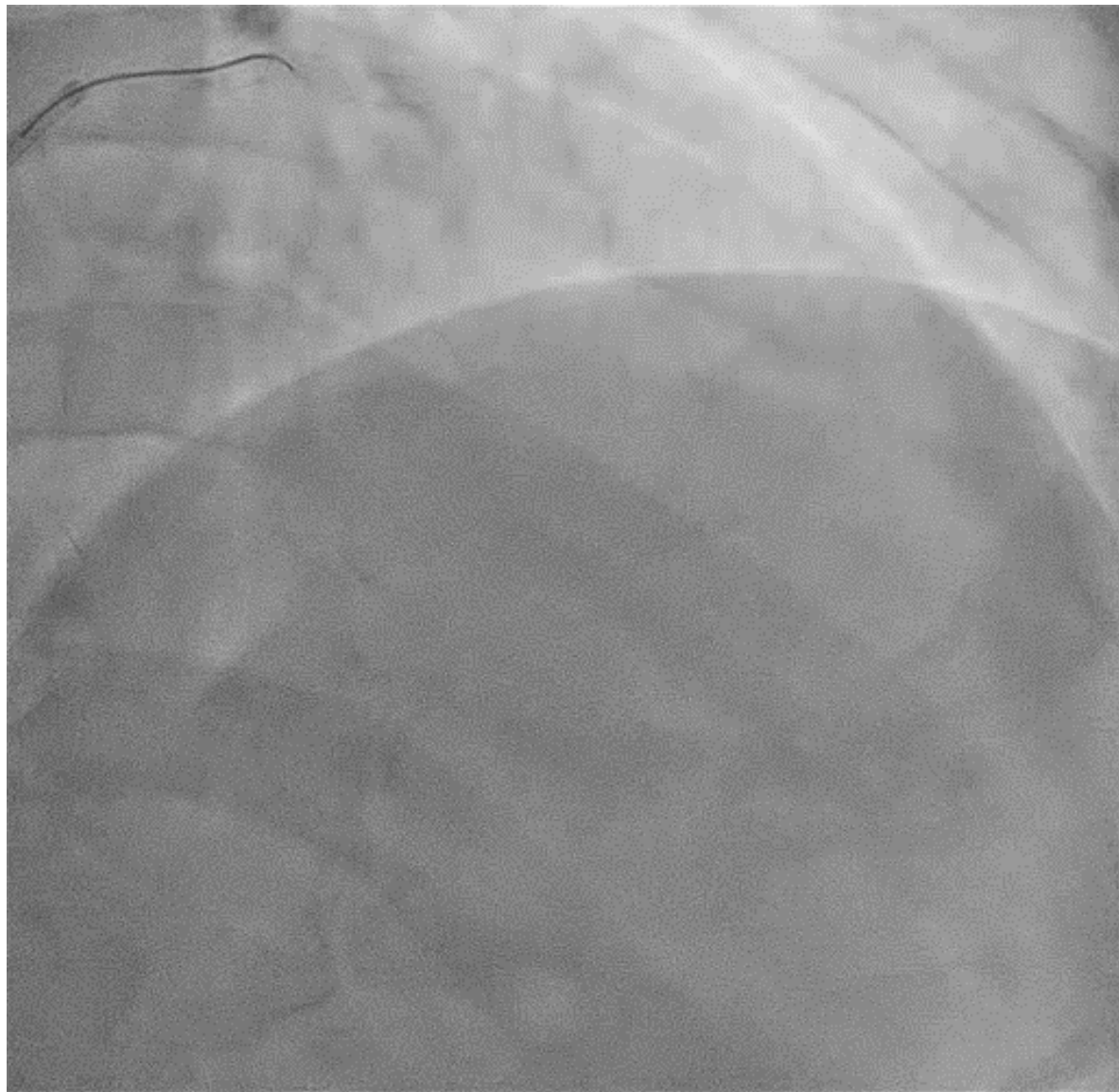
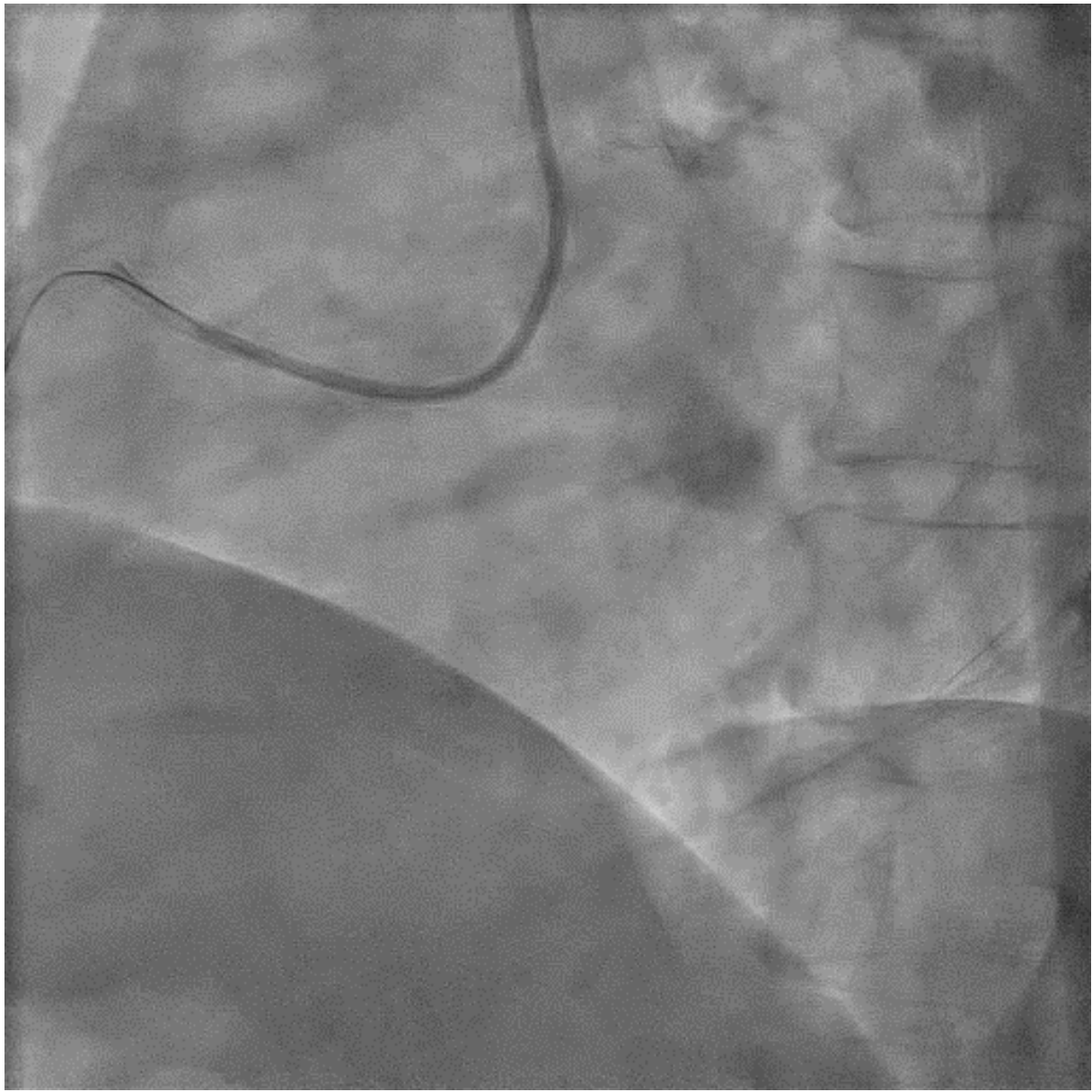
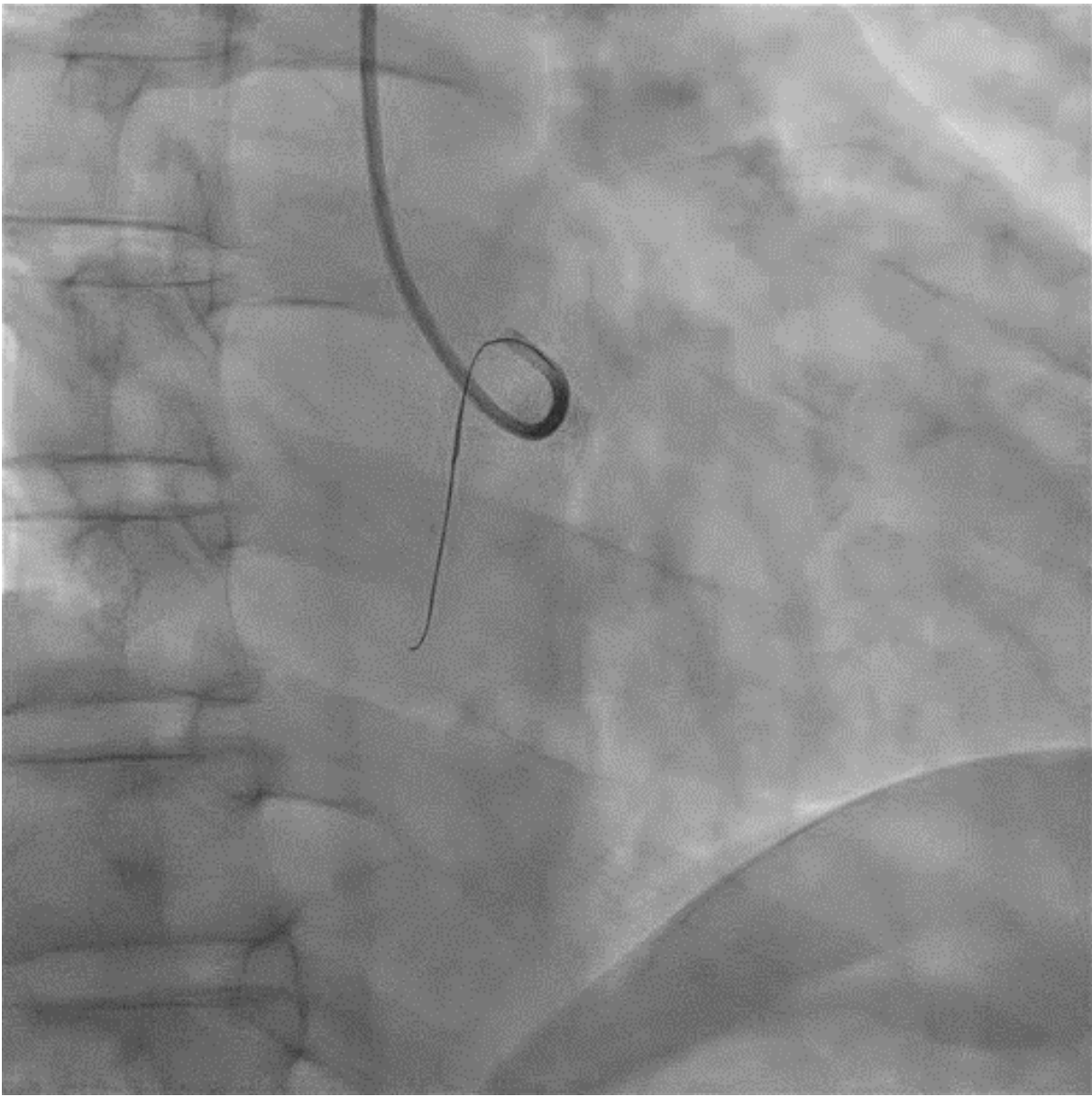


2023/1/8 Kaohsiung Chang Gung Memorial Hospital Operators: Dr. Masahiko Ochiai

- Age : 54
- Gender : Male
- **Past Medical History**
 - Angina pectoris with positive MPI study
 - Double vessel CAD (LAD & RCA) s/p PCI with stenting (DESx1) at p-LAD & (DESx1) at PDA in mid Oct 2022
 - Hypertension
 - Hyperlipidemia
- **Risk Factors**
 - Hypertension, Dyslipidemia
- **Clinical Presentaion**
 - Angina pectoris with positive MPI study (CCS class II)
- Cr: 0.8mg/dL
- BH: 169cm BW: 76kg
- **Target lesion: LAD CTO**







- Bilateral femoral approach
- LCA: 8Fr Terumo BL4
- RCA: 8Fr Terumo BL4

- Bilateral injection to re-evaluate septal collateral
- Retrograde approach PDA - septal – LAD (SION blue → SUOH 03, under support from microcatheter Corsair Pro XS 150cm) → failed
- Retrograde approach from septal-septal-LAD (SION blue → SUOH 02, , under support from microcatheter Corsair Pro XS 150cm) → failed
- Antegrade approach:
 - IVUS pull back from Septal branch → cannot see LAD entrance site
 - **Rotablation to D1 branch with 1.5burr using mother and child method (ST01) to facilitate IVUS to D1 branch**
 - IVUS guided puncture using D1 as side branch
 - Gaia-Next 3 → 4 → 1 → 3 under support from Corsair Pro XS 130cm -> Sasuke double lumen catheter

Final result

- Failed recanalized LAD CTO
- DEB (Agent 2.0x20mm) at D1
- No complication

