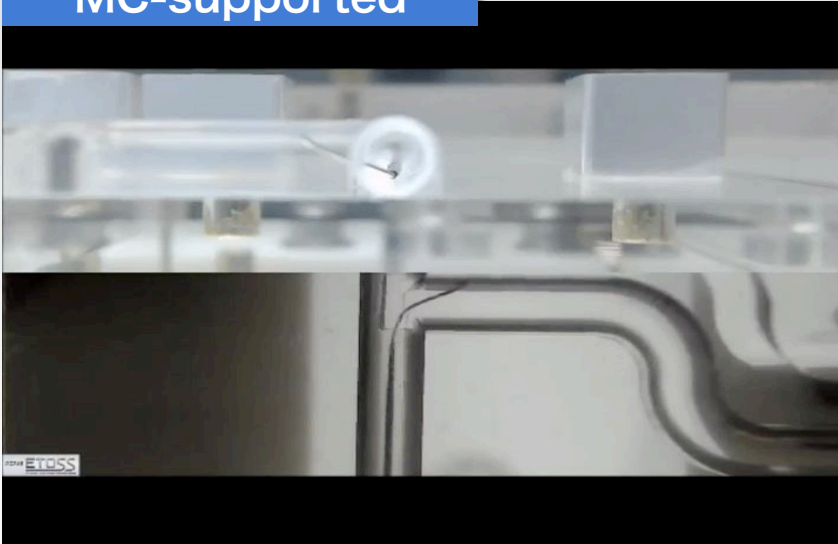


Slip stream technique,
which is new IVUS-guided bifurcation

Yoshihisa Kinoshita
Toyohashi Heart Center

Effectiveness of Double Lumen Catheter

MC-supported



DLC -supported



Stability produced by DLC

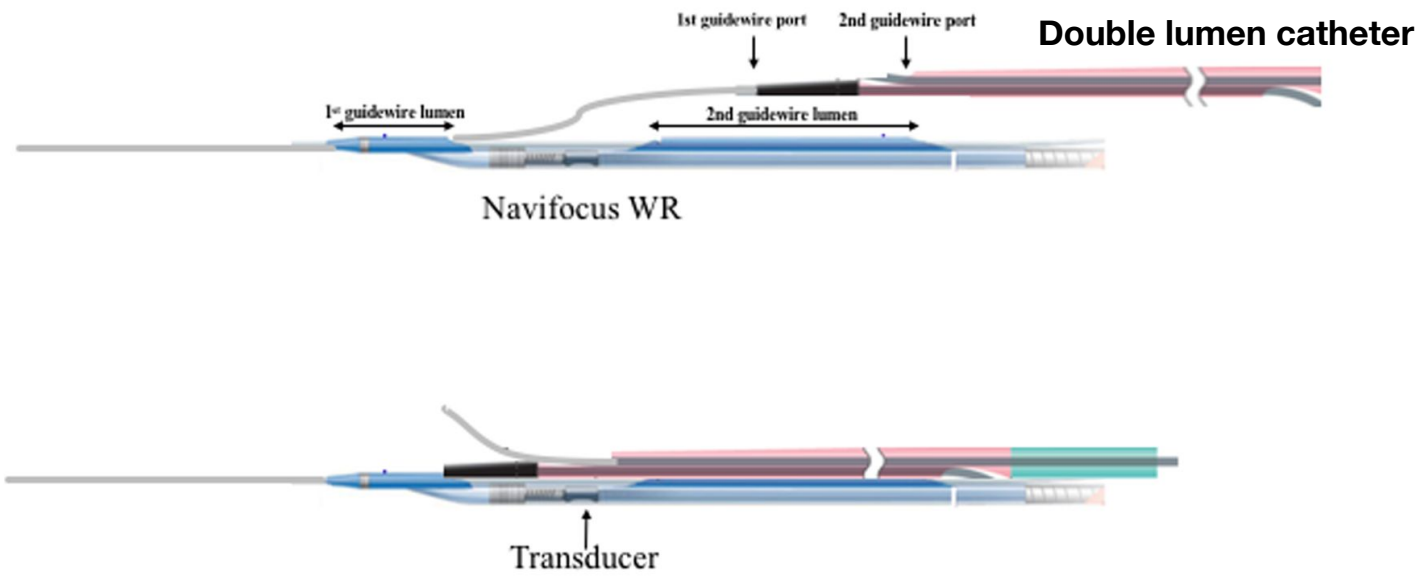
When we try to cross the GW into SB, usual MC always take a corresponding movement with GW rotation.

On the other hand, DLC is very stable during the procedure because of anchor effect produced by wire in the Rx lumen.

New IVUS-guided wire manipulation

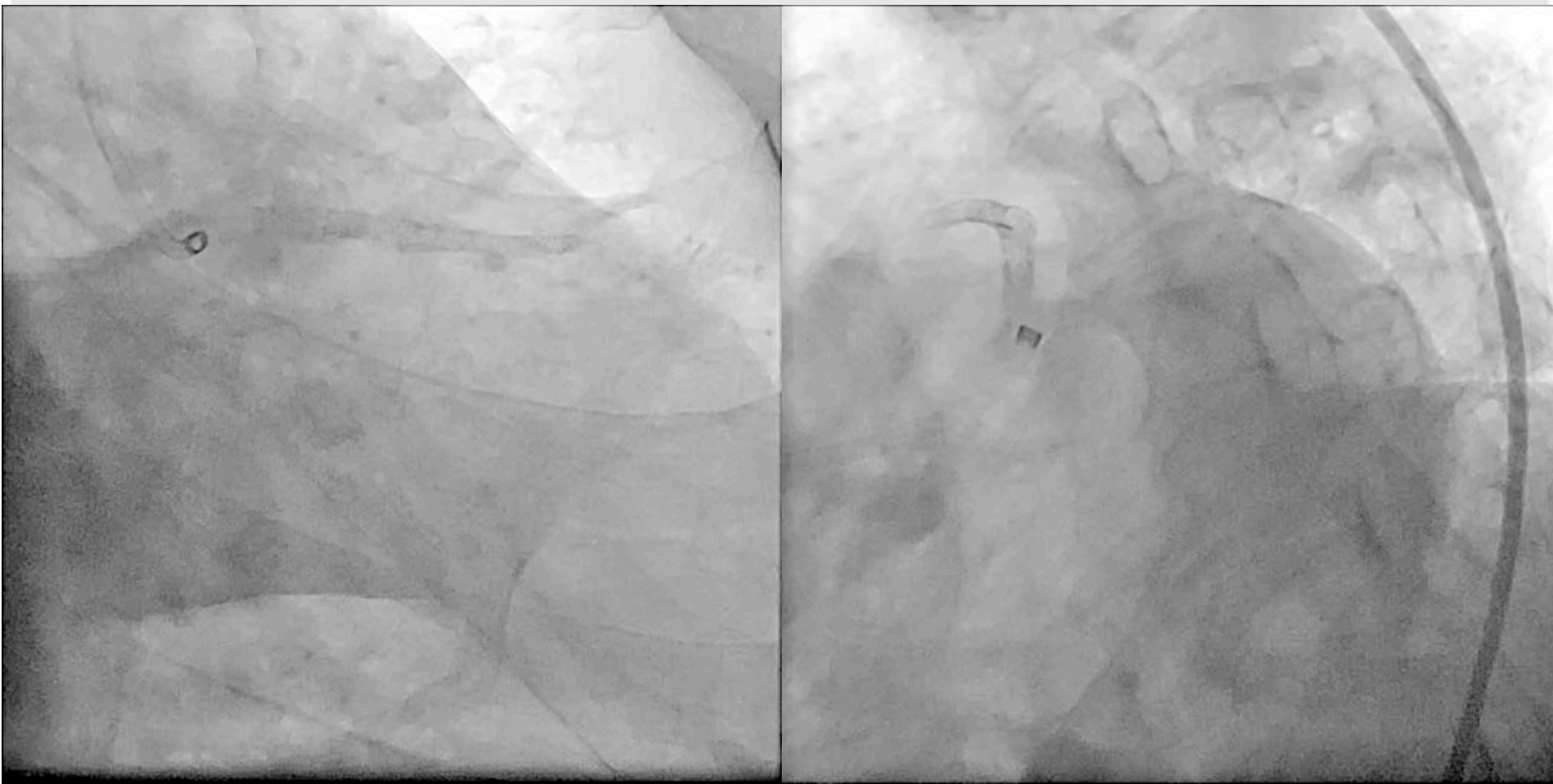


Slipstream



1) SELECTION OF THE APPROPRIATE RECROSSING POINT

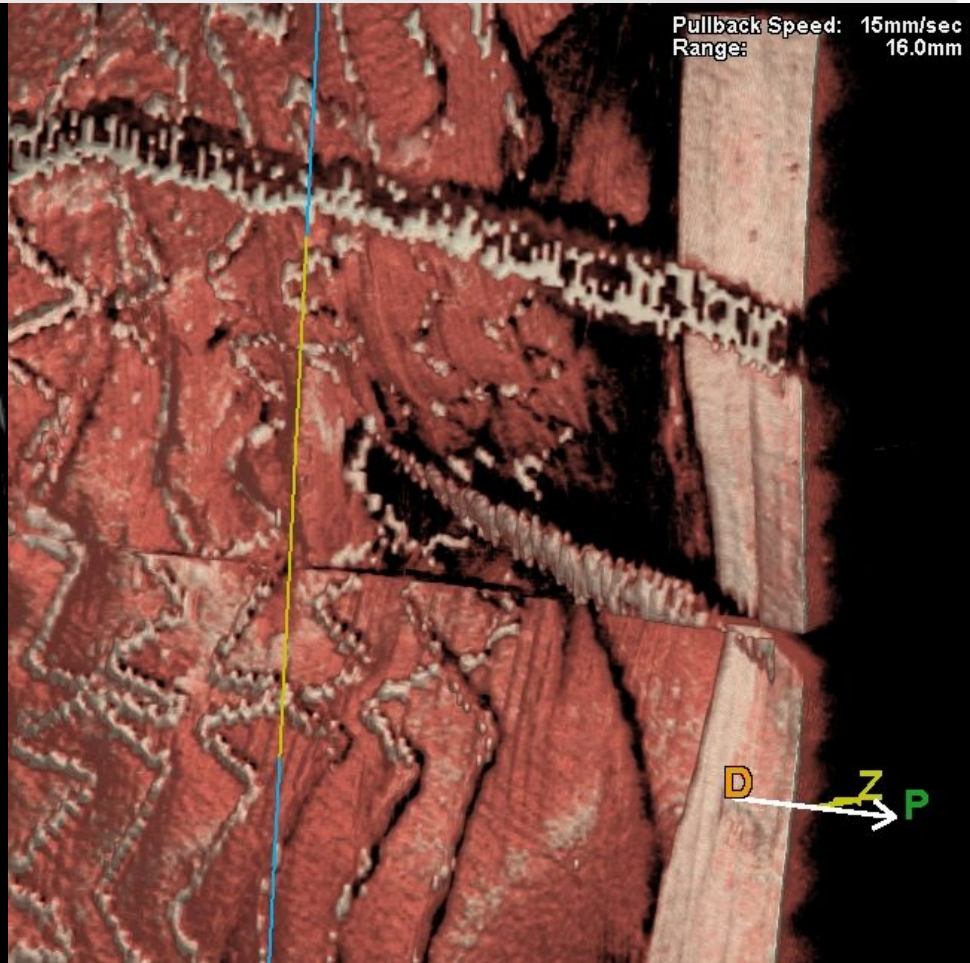
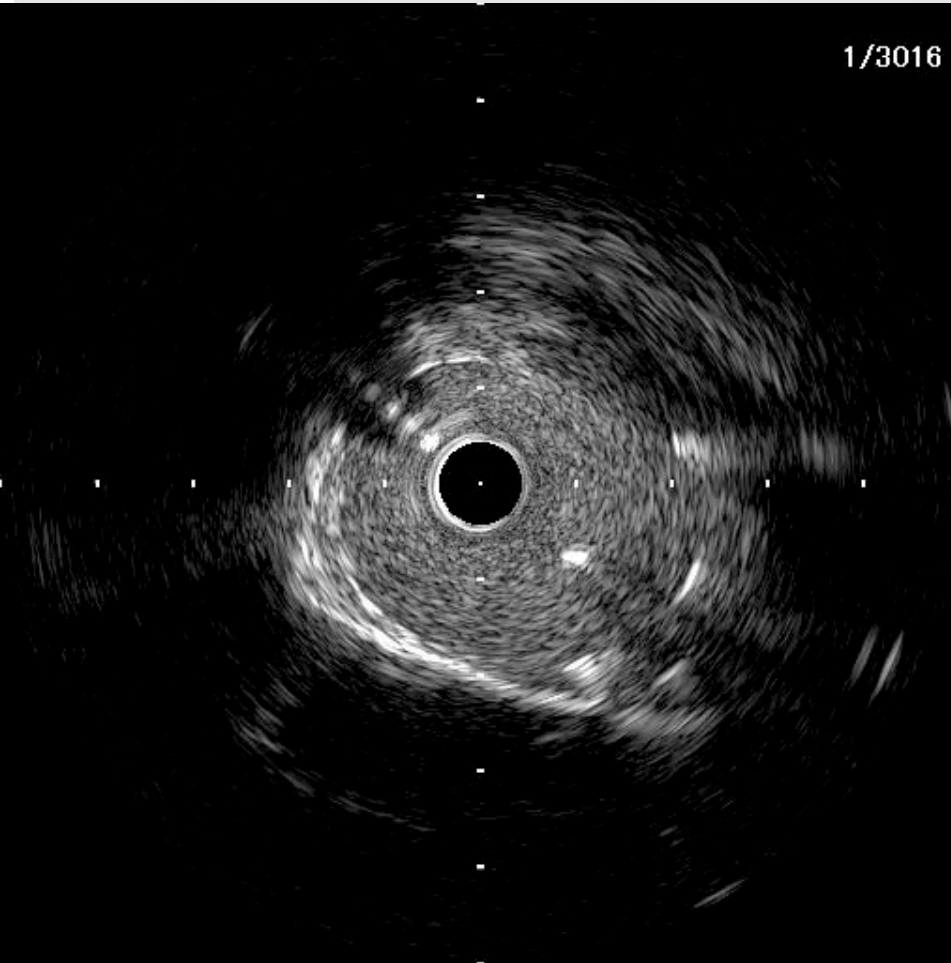
Femoral approach 8F JL3.5 ST SH → XB LAD



Rota (2.15mm) → Stent (Ultimaster 3.0*15mm)



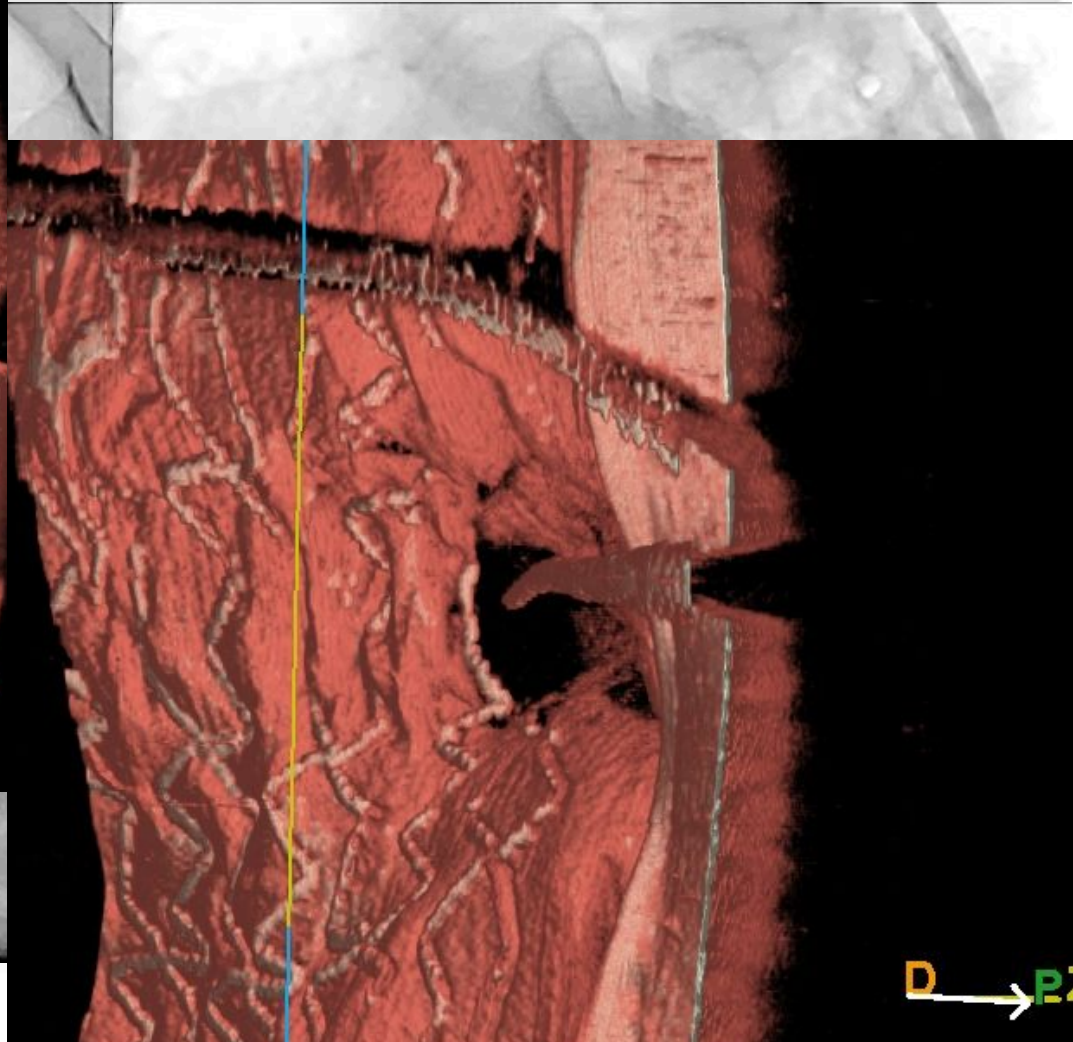
Slipstream with Crusade K



Kissing balloon with Glider

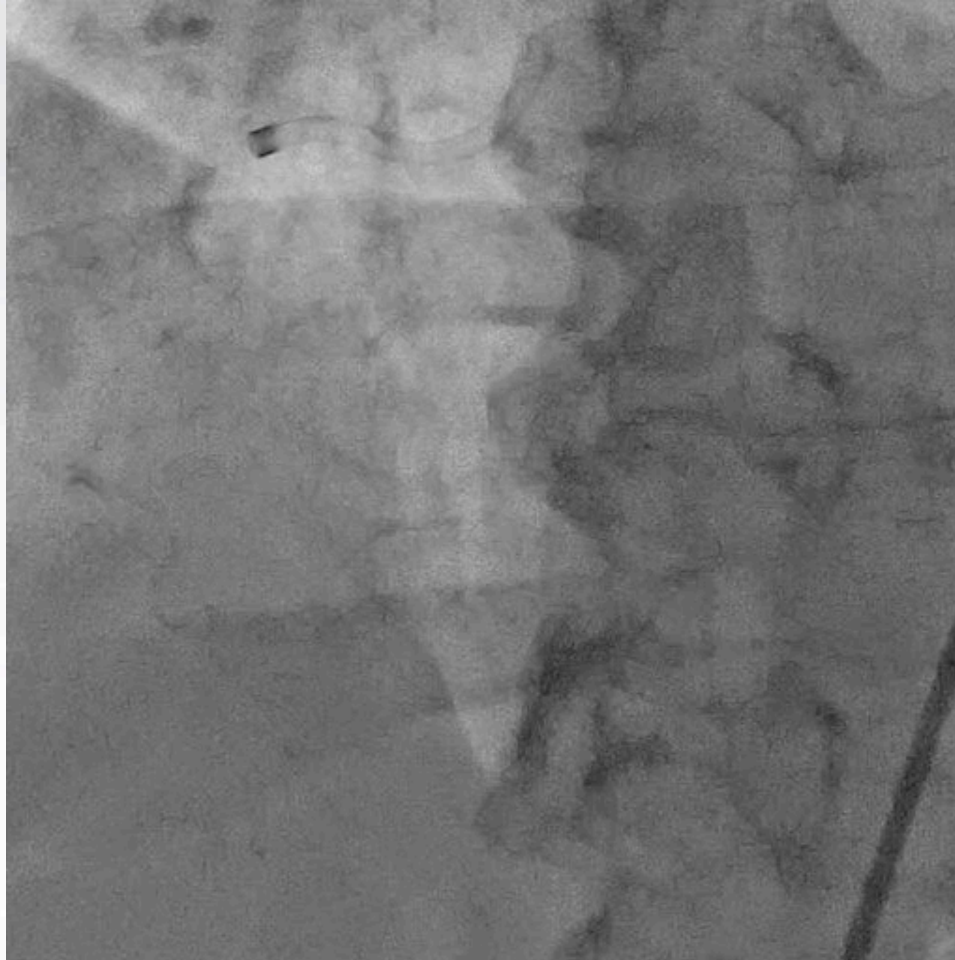


Final CAG



2) SELECTION OF THE MISSING SIDE BRANCH.

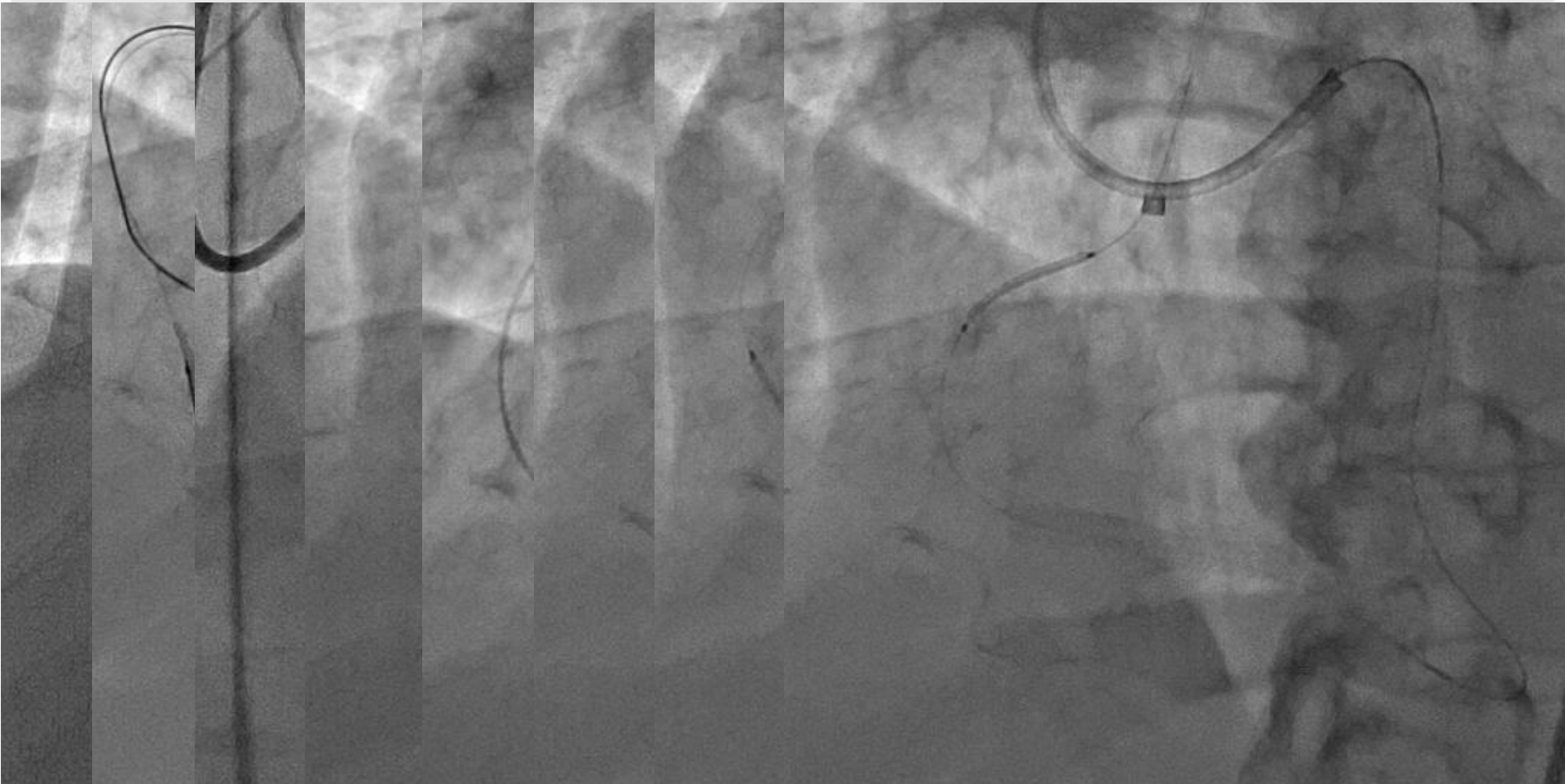
Femoral approach 8F AL1.0 SH
Radial approach 7F SPB 3.75 SH



Retro: SION → Gaia 2nd

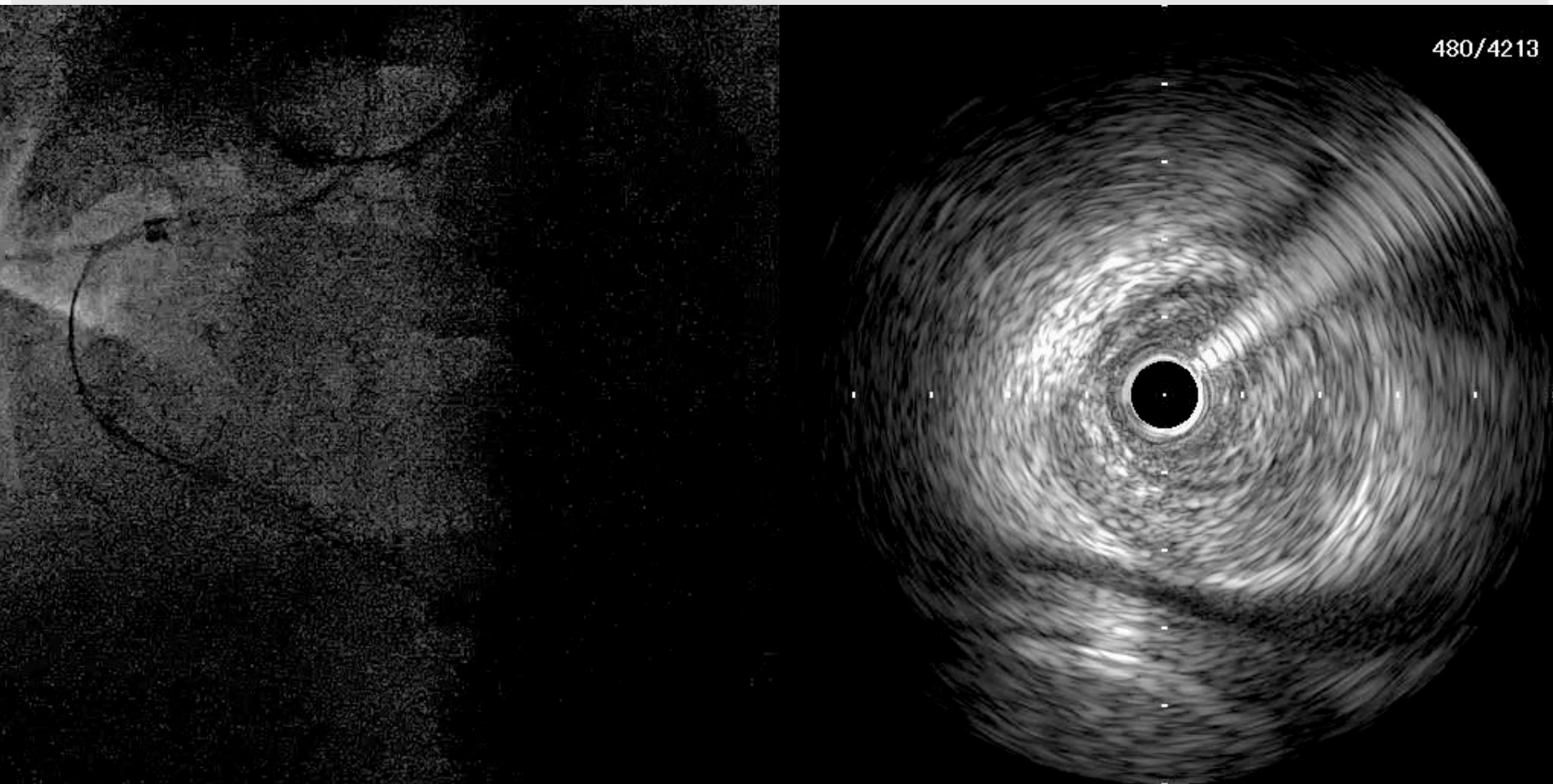
Ultimaster: 3.5*38mm+3.5*24mm

Ultimaster: 3.5*18mm



Slipstream with SASUKE

480/4213



Summary

- **Slipstream technique is practical and useful manner because both wire performance and benefit of IVUS maximize at the same time.**

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“Slipstream technique”—New concept of intravascular ultrasound guided wiring technique with double lumen catheter in the treatment of coronary total occlusions

[Yoshihisa Kinoshita, MD](#)  , [Hitoshi Fujiwara, MD](#), [Takahiko Suzuki, MD PhD FJCC](#)

**Thank you for
your attention!!**

