

14th

AICT

ASIAN INTERVENTIONAL CARDIOVASCULAR THERAPEUTICS
THE OFFICIAL CONGRESS OF APSIC

Amazing Case 1

~ Japanese style of PCI for LAD ostial CTO ~

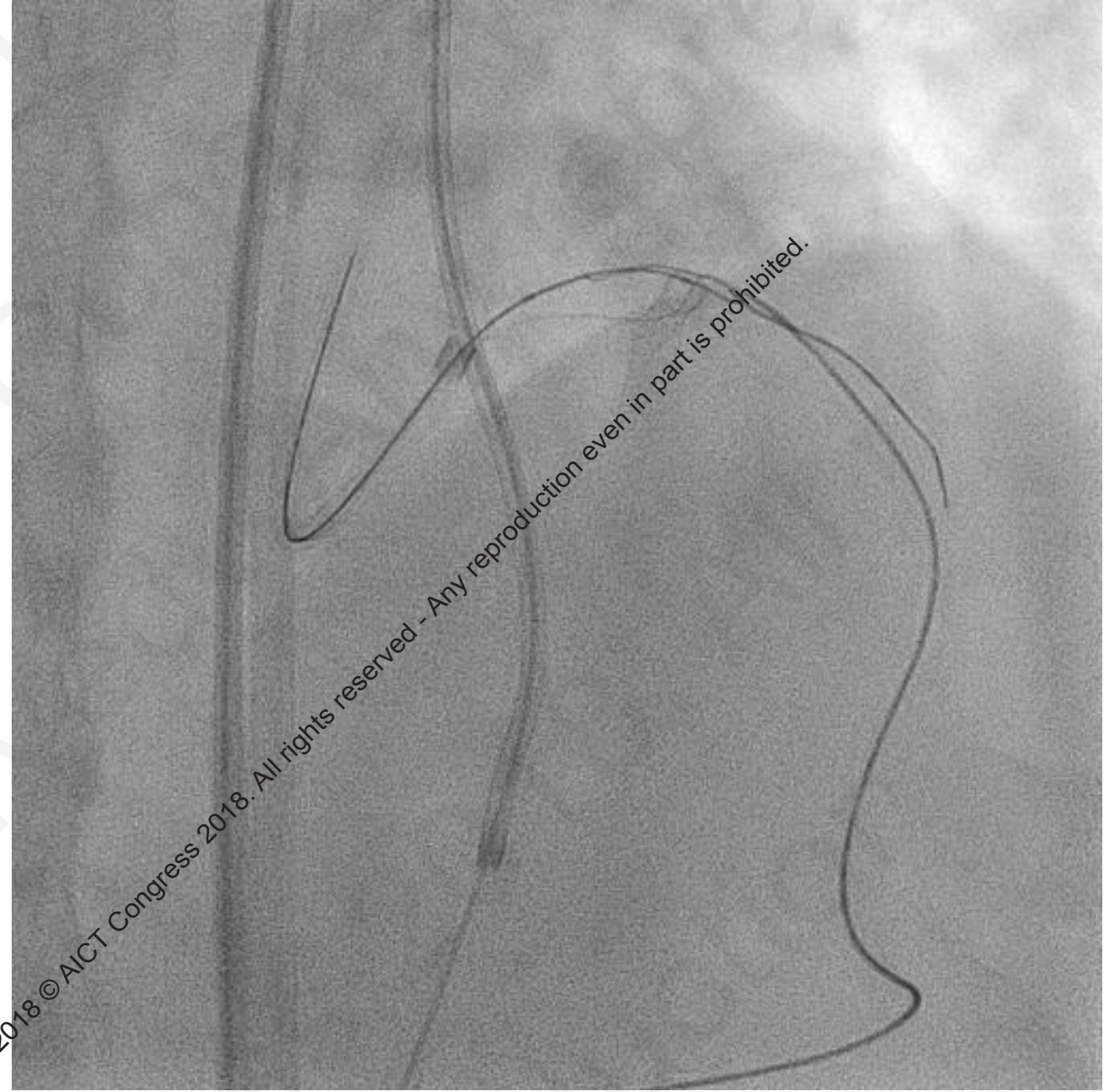
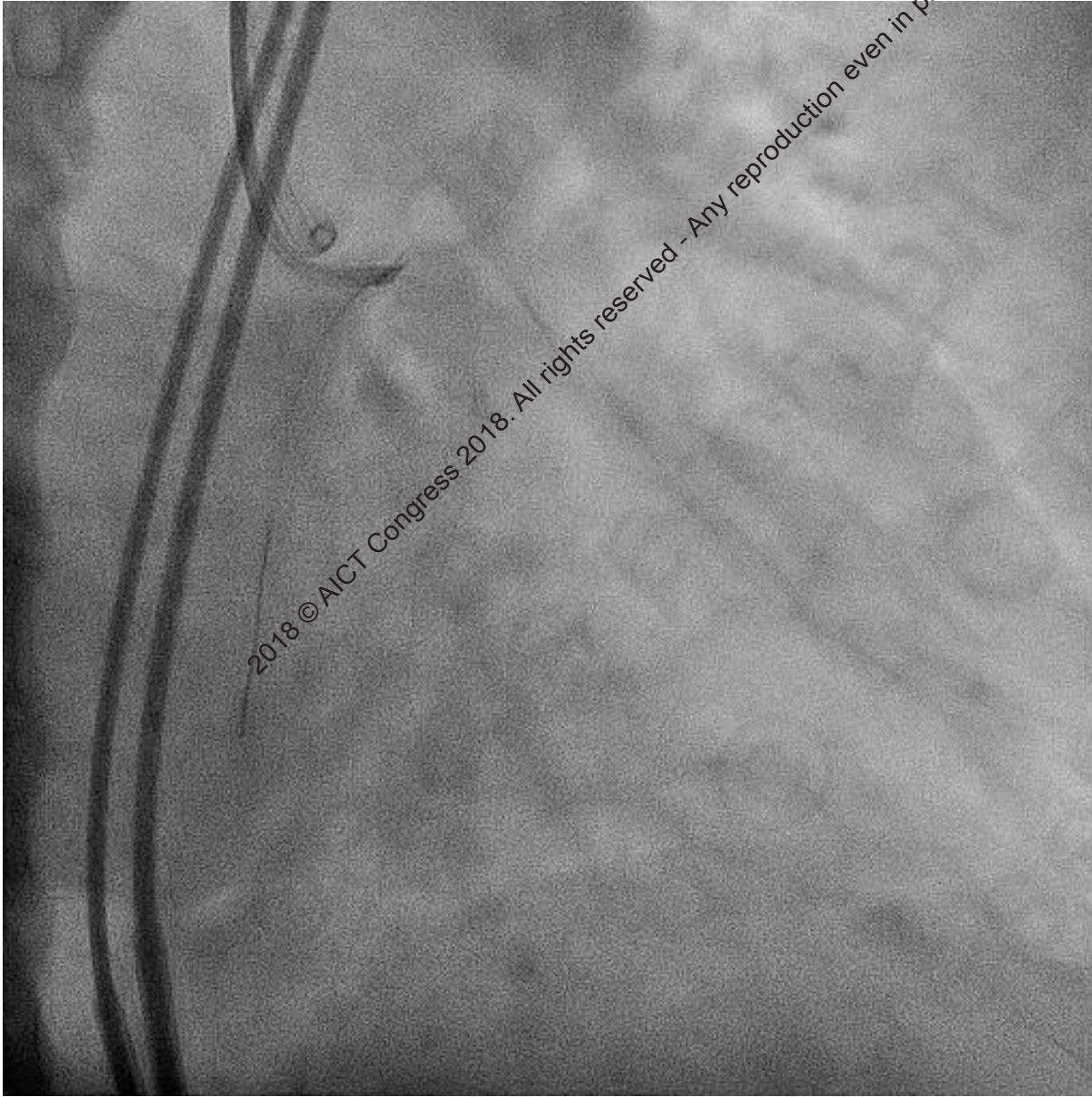
Hiromasa Kato, M.D., Ph.D.

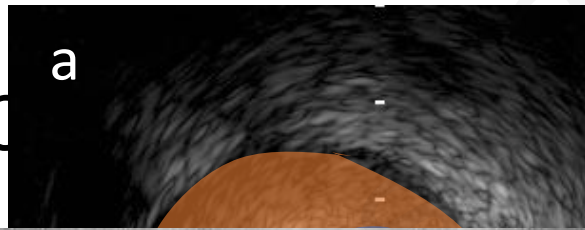
Fukui Prefectural Hospital
Division of Cardiology, Cardiovascular Center

Speaker's name: *Hiromasa Katoh, Fukui*

- I do not have any potential conflict of interest

Problems of LAD ostial CTO





Carina / plaque shift phenomenon is one of the critical issue

Plaque shift phenomenon

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Directional Coronary Atherectomy (DCA)

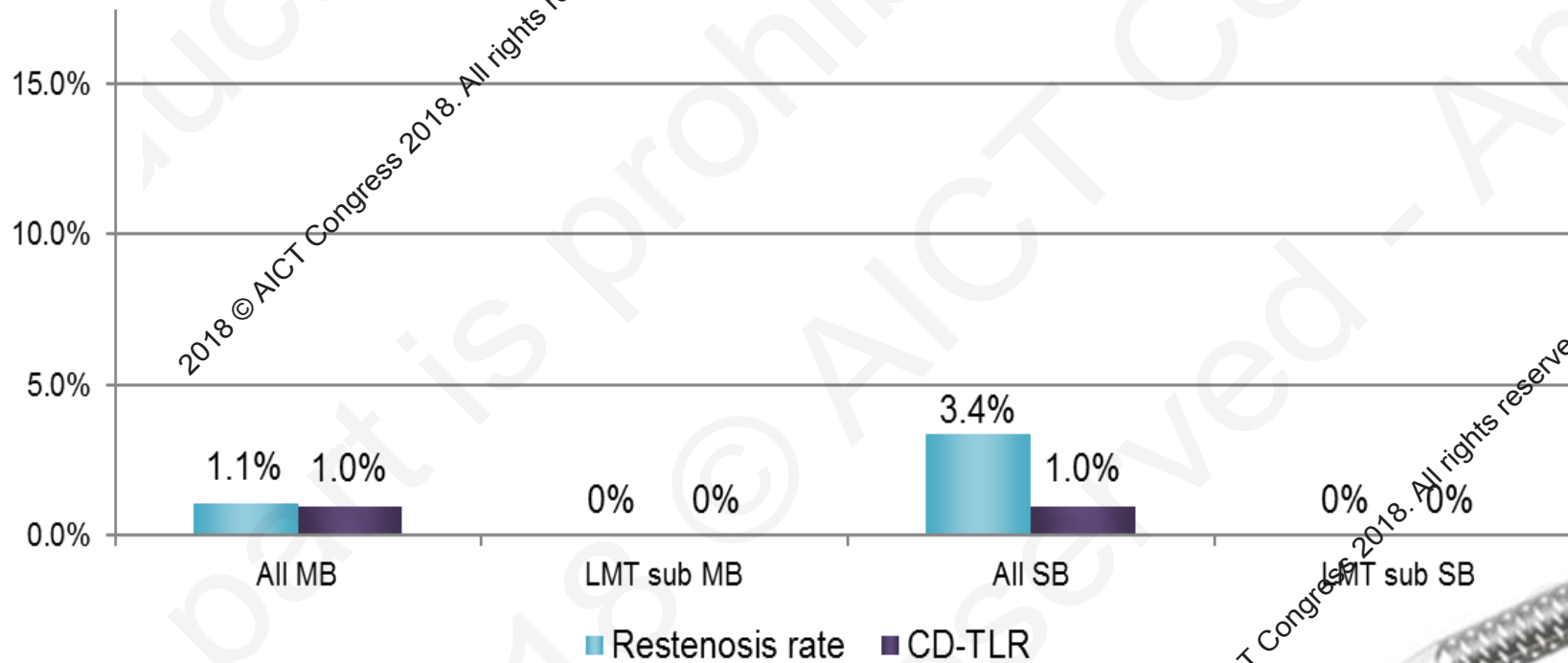


Directional Coronary Atherectomy (DCA)

PERFECT registry

Pre-Drug-Eluting Stent Debulking of Bifurcated Coronary Lesions

Etsuo Tsuchikane M.D. et.al.



To avoid

Carina / Plaque shift phenomenon

Complex stenting

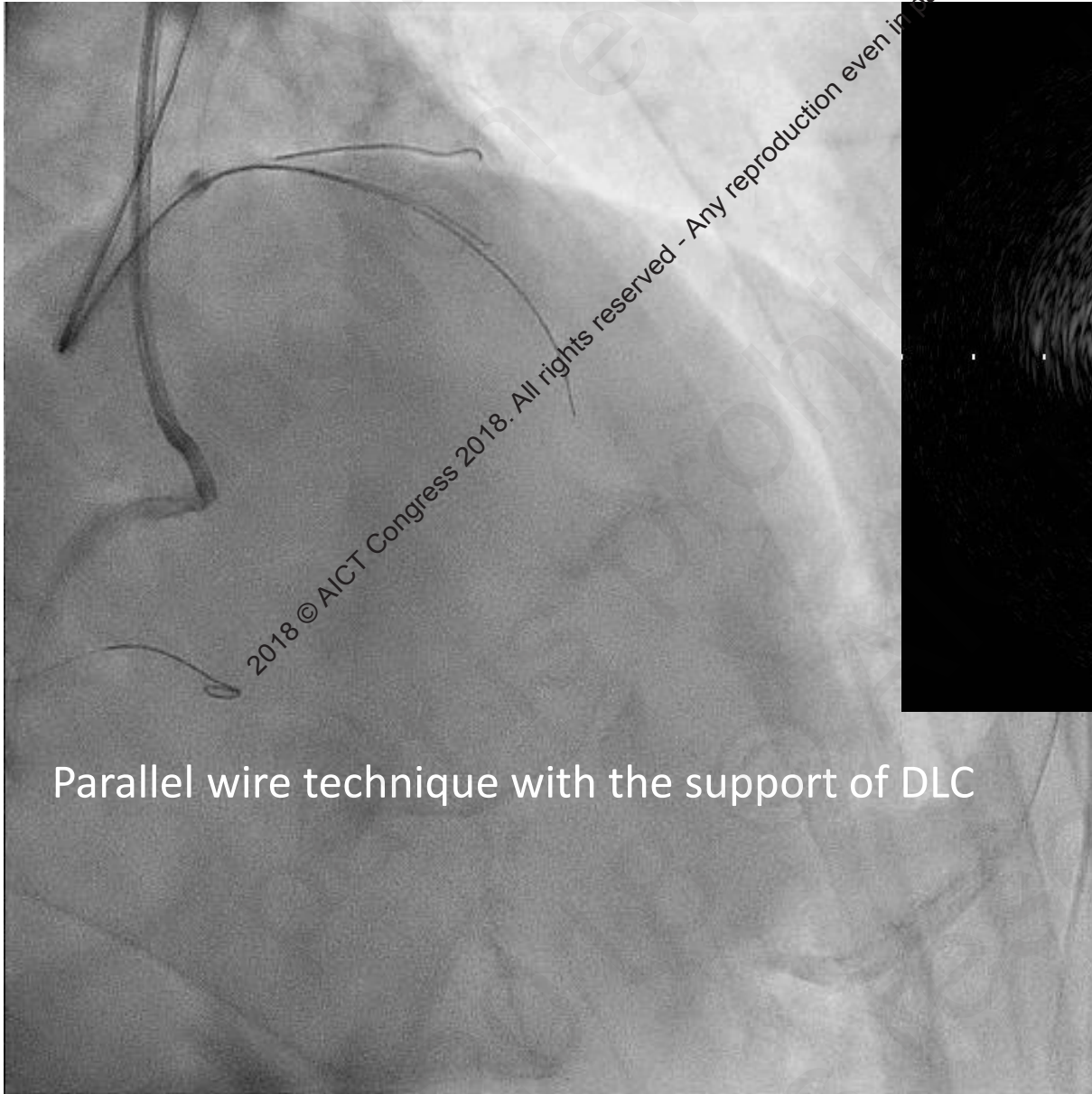
To create

Platform for stent implantation
(without LMT stenting)

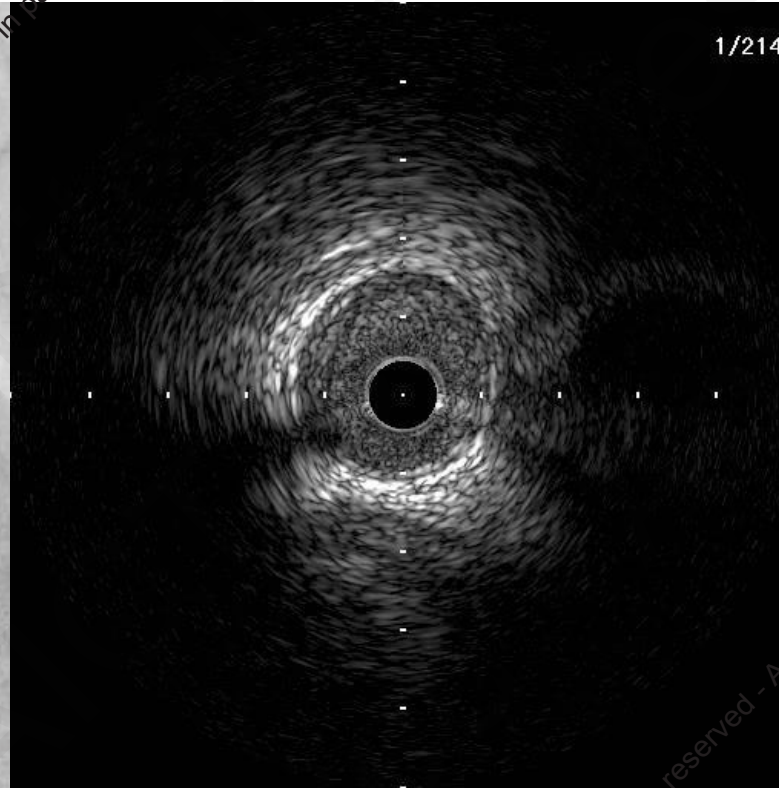
→ LAD ostial stenting



Case: CTO of LAD ostium



Parallel wire technique with the support of DLC



grade system

7Fr Hyperion SPB3.5SH

Maia Next 2

ADAM Next 2 & Renato (for HLB)

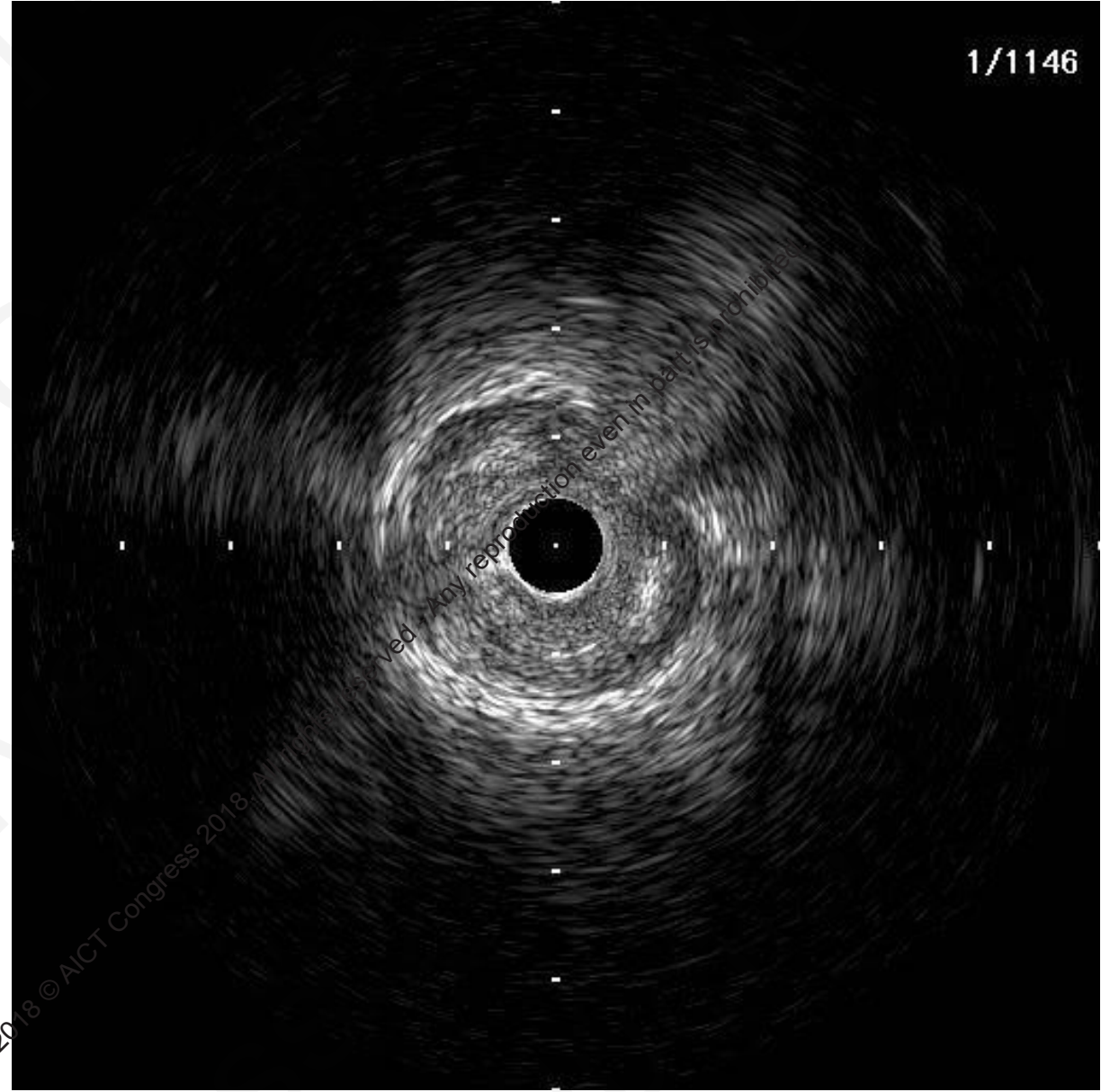
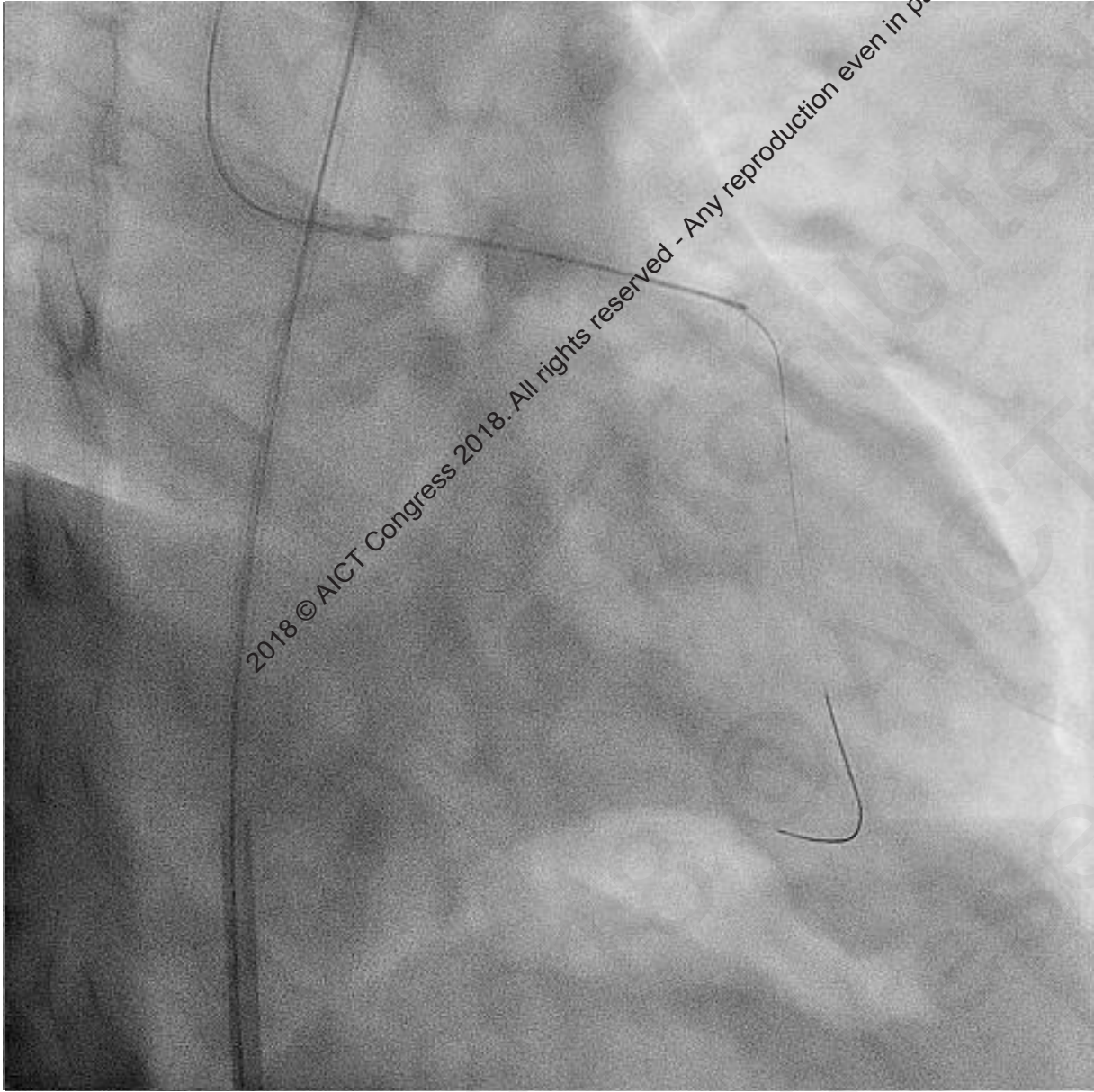
ADAM Next (for HLB)

Asuke (dual-lumen catheter)

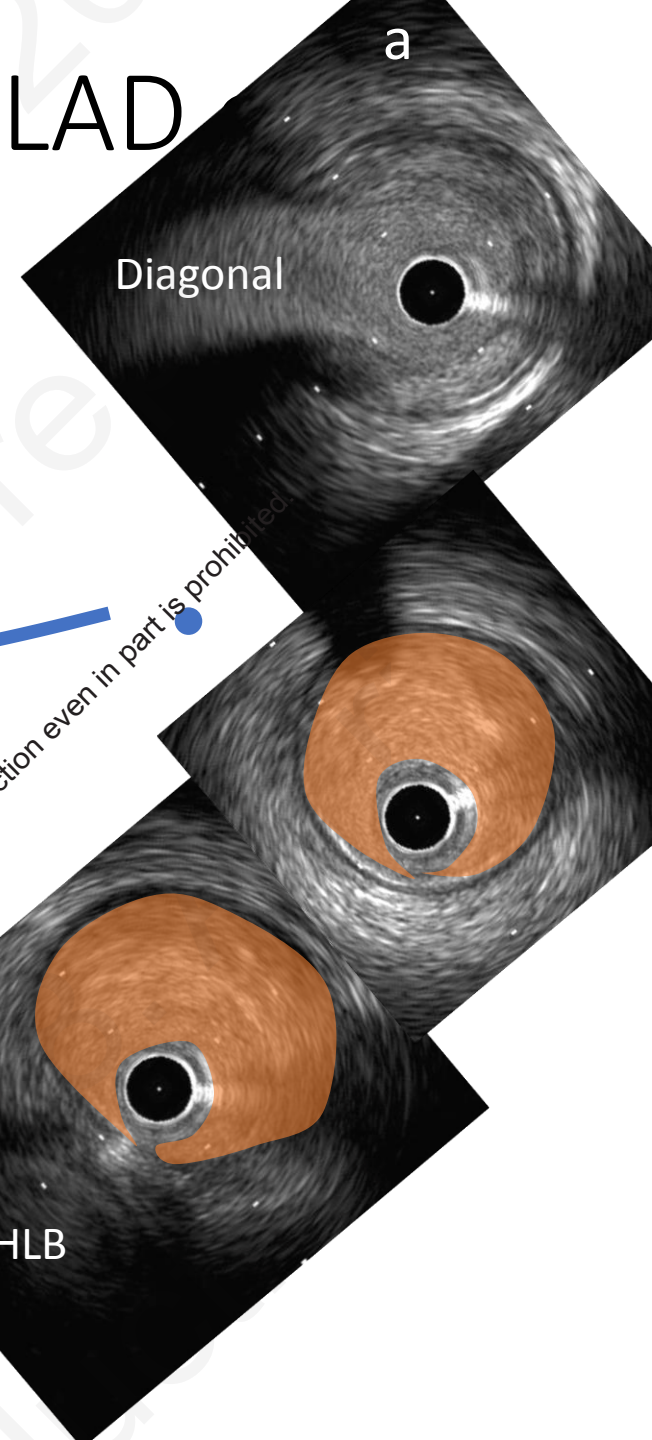
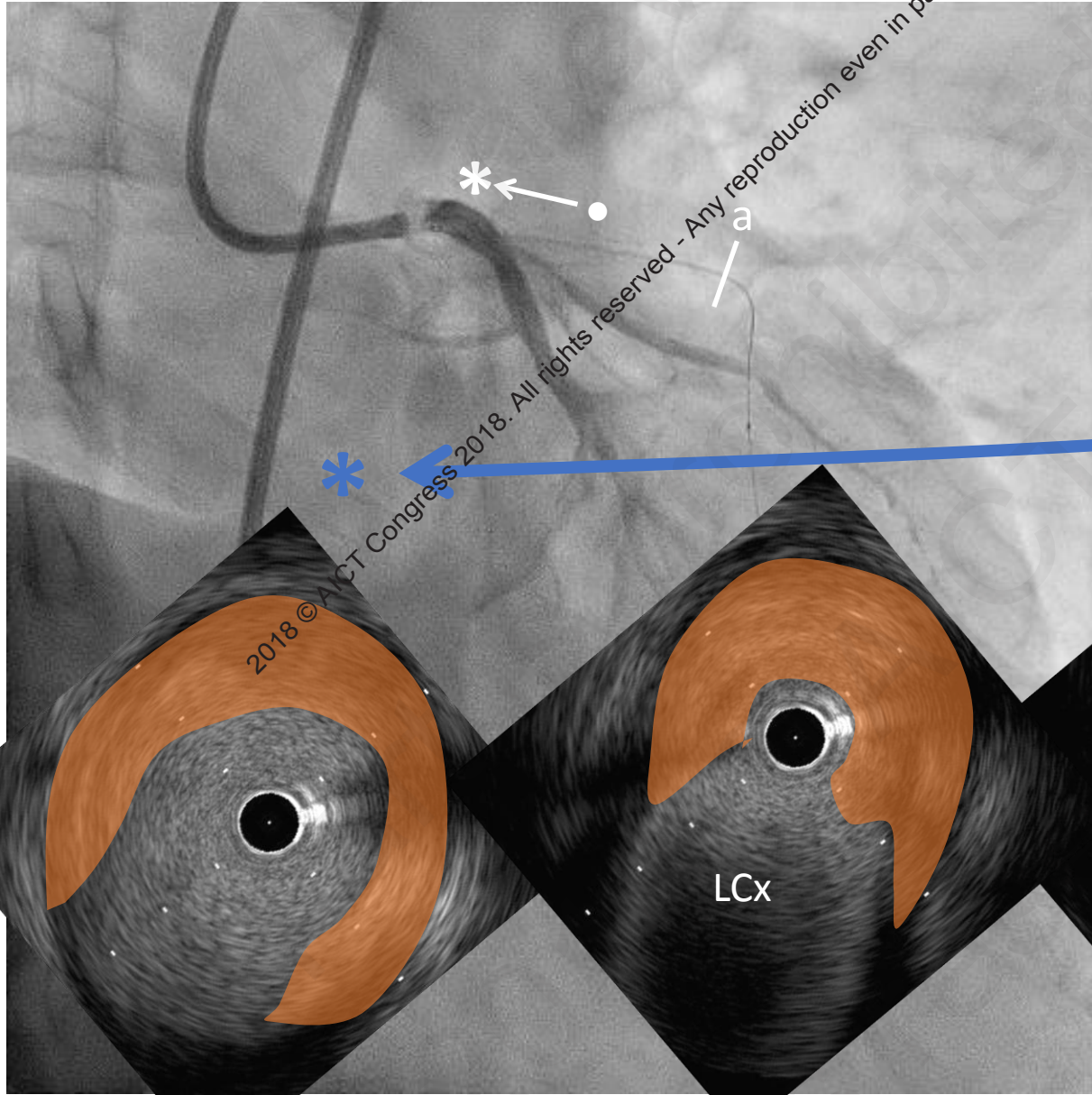
grade system

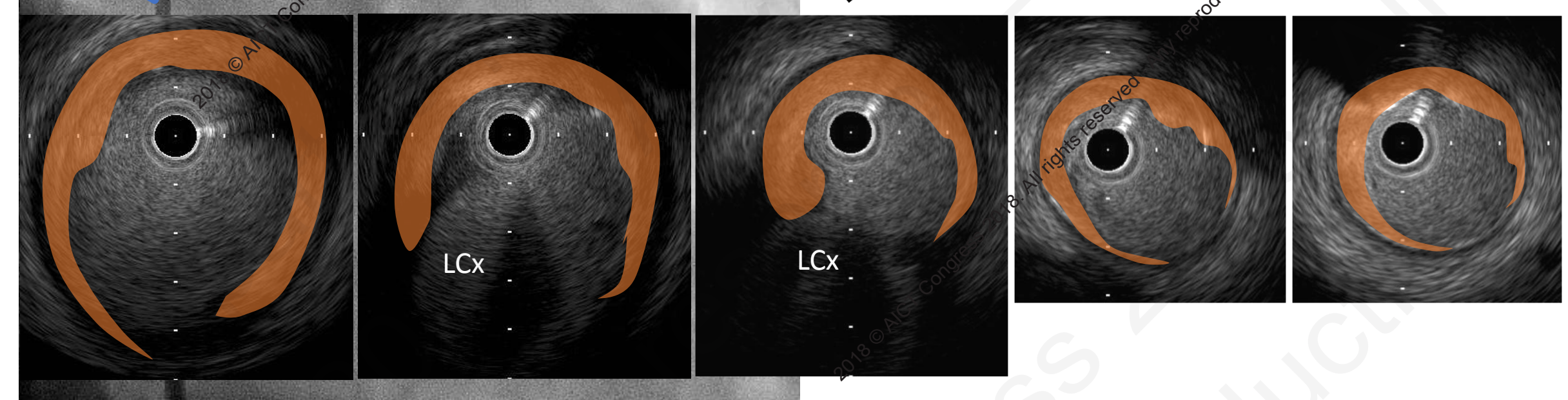
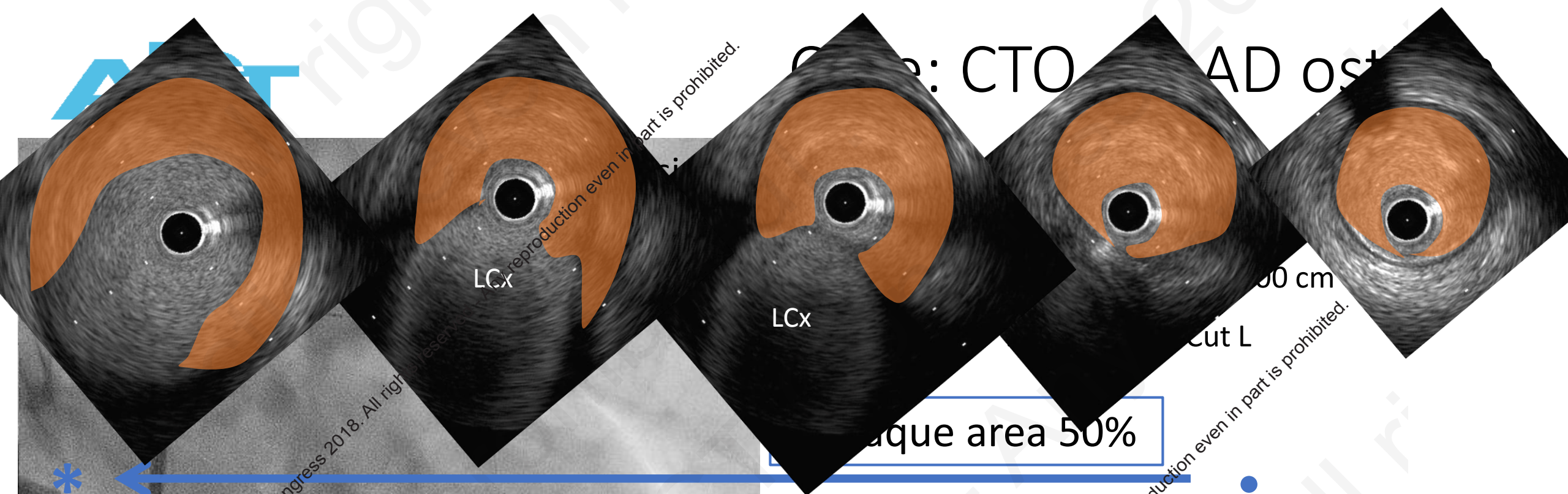
GC : 7Fr Hyperion AL1.0 SH

Case: CTO of LAD ostium

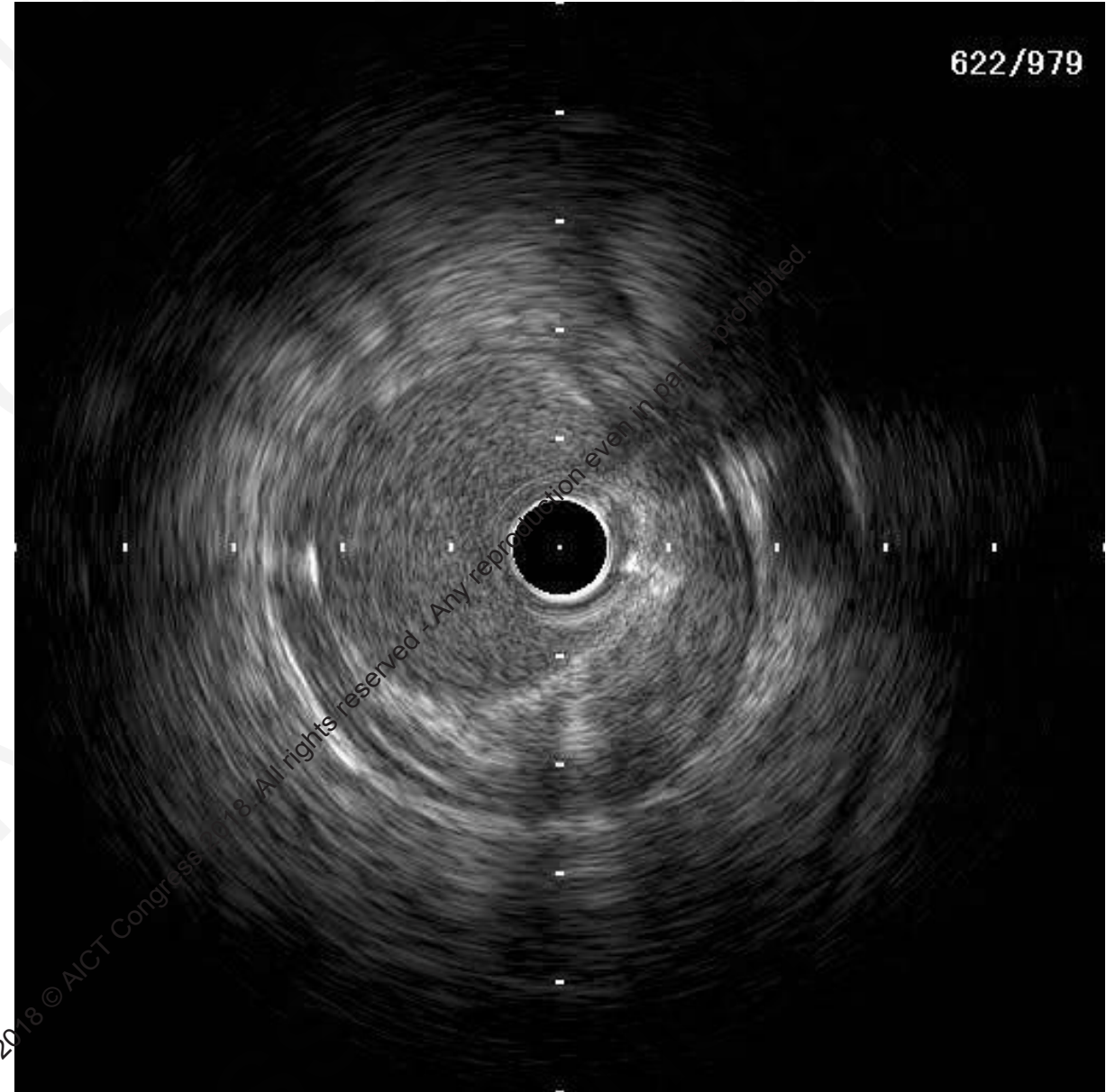
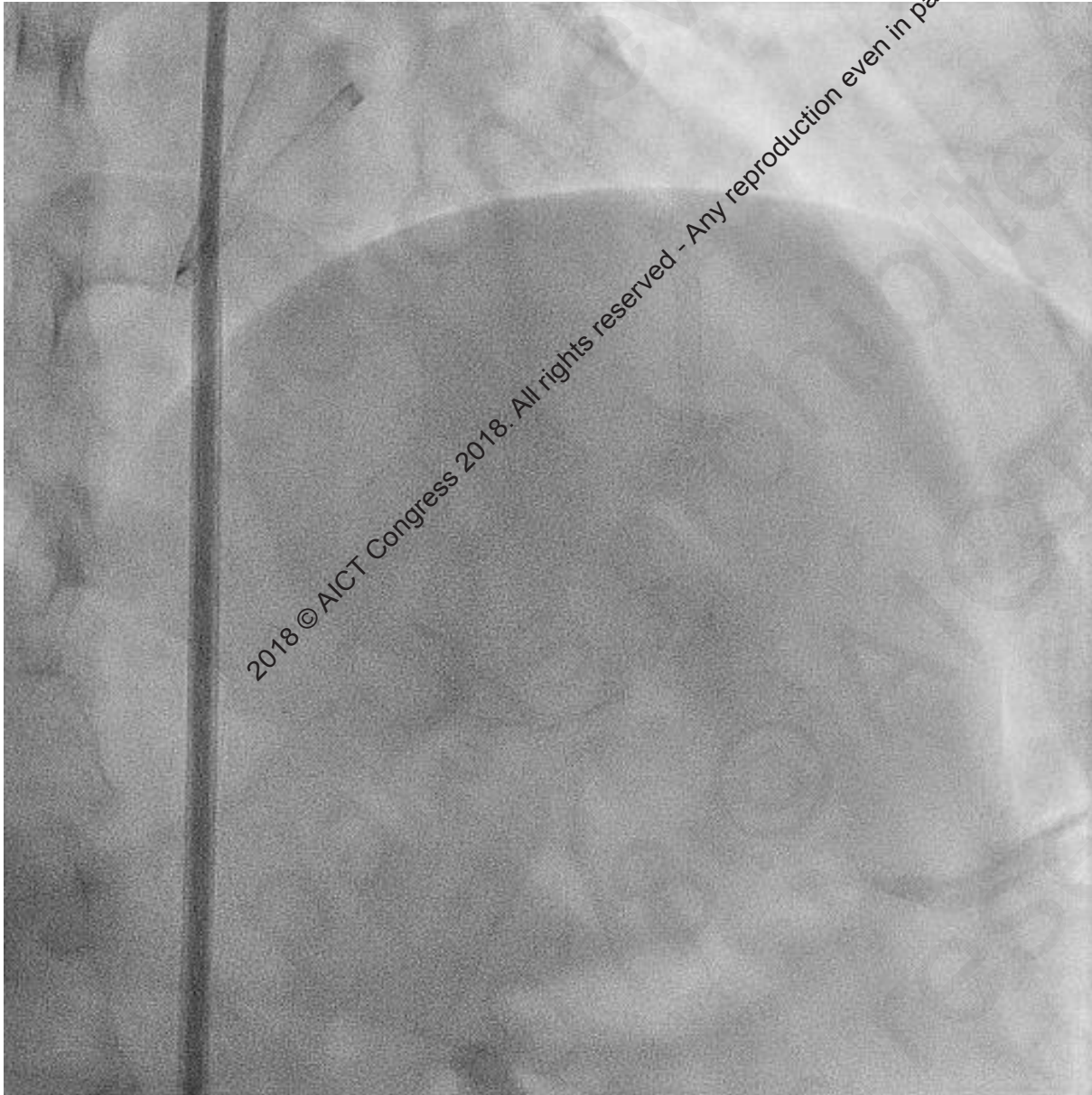


Case: CTO of LAD





Case: CTO of LAD ostium



Summary

- ✓ We could successfully treat the CTO lesion of LAD ostium using DCA catheter without plaque/carina shift phenomenon.
- ✓ Plaque reduction with DCA is one of the useful methods to prevent branch occlusion in the PCI for LAD ostial CTO lesion.

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