

# EXTENSIVE, CATHETER-INDUCED DISSECTION OF THE RIGHT CORONARY ARTERY TREATED SUCCESSFULLY WITH FULL METAL JACKET.

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Complication case ICE 2010



ΕΛΛΗΝΙΚΟ ΙΝΣΤΙΤΟΥΤΟ ΚΑΡΔΙΑΓΓΕΙΑΚΩΝ ΝΟΣΗΜΑΤΩΝ

# CASE REPORT

- 57 y.o. male with effort angina
- Positive Exercise Tolerance Test
- Past Medical History: Hypertension, Dyslipidaemia
- Resting 12-lead ECG, ECHO: Normal



# Coronary Angiography



**Moderate disease of  
the LAD**



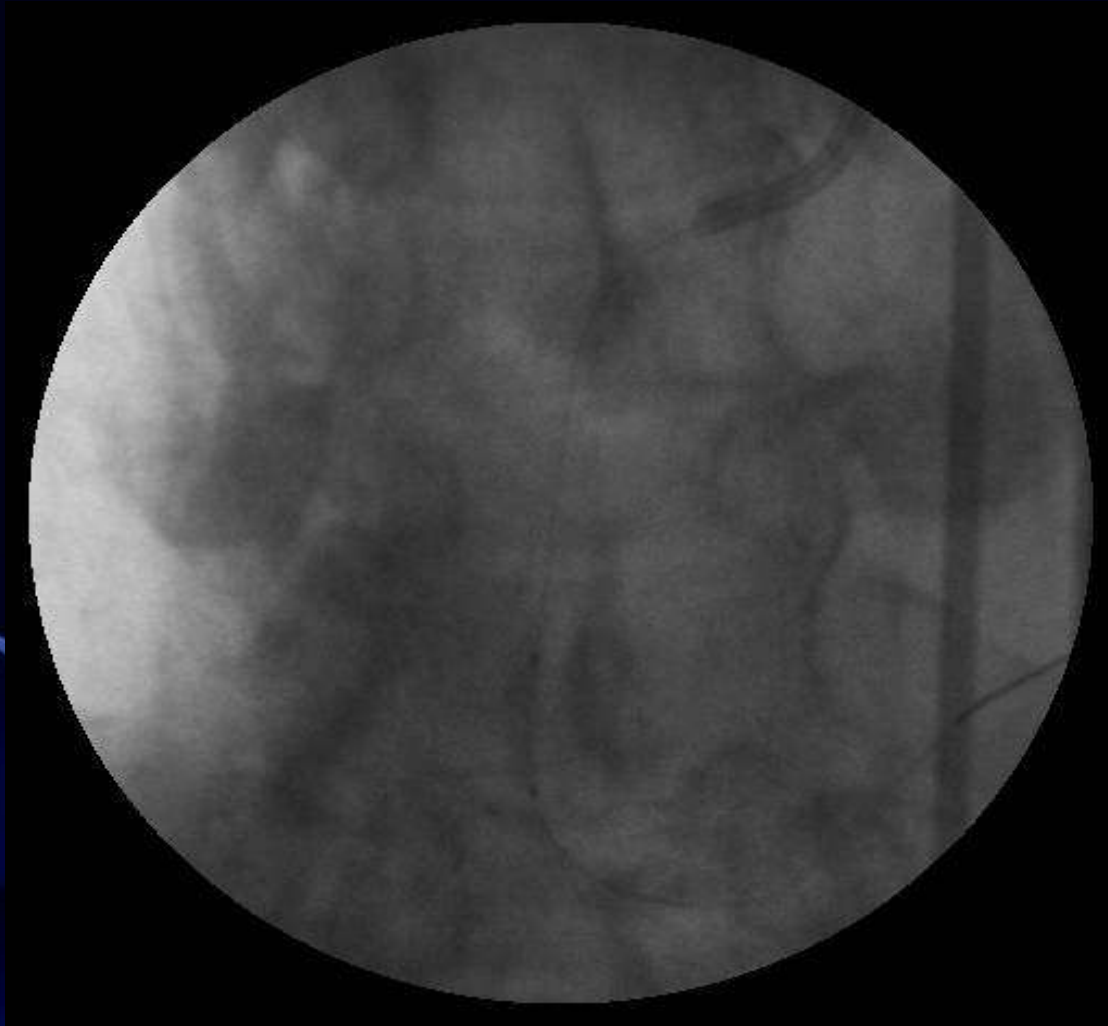
# Coronary Angiography



**Severe stenosis of the RCA  
(proximal, mid-vessel and at  
the bifurcation with severe  
calcification)**



# PCI RCA



- **Guiding Catheter: 7F ART4 SH**
- **Predilation with Maverick 2.0x15mm at 16 Atm and Maverick 2.5x15mm at 18 Atm**



# PCI RCA



**Implantation with difficulty of an Endeavor 2.25x14mm at the distal lesion**



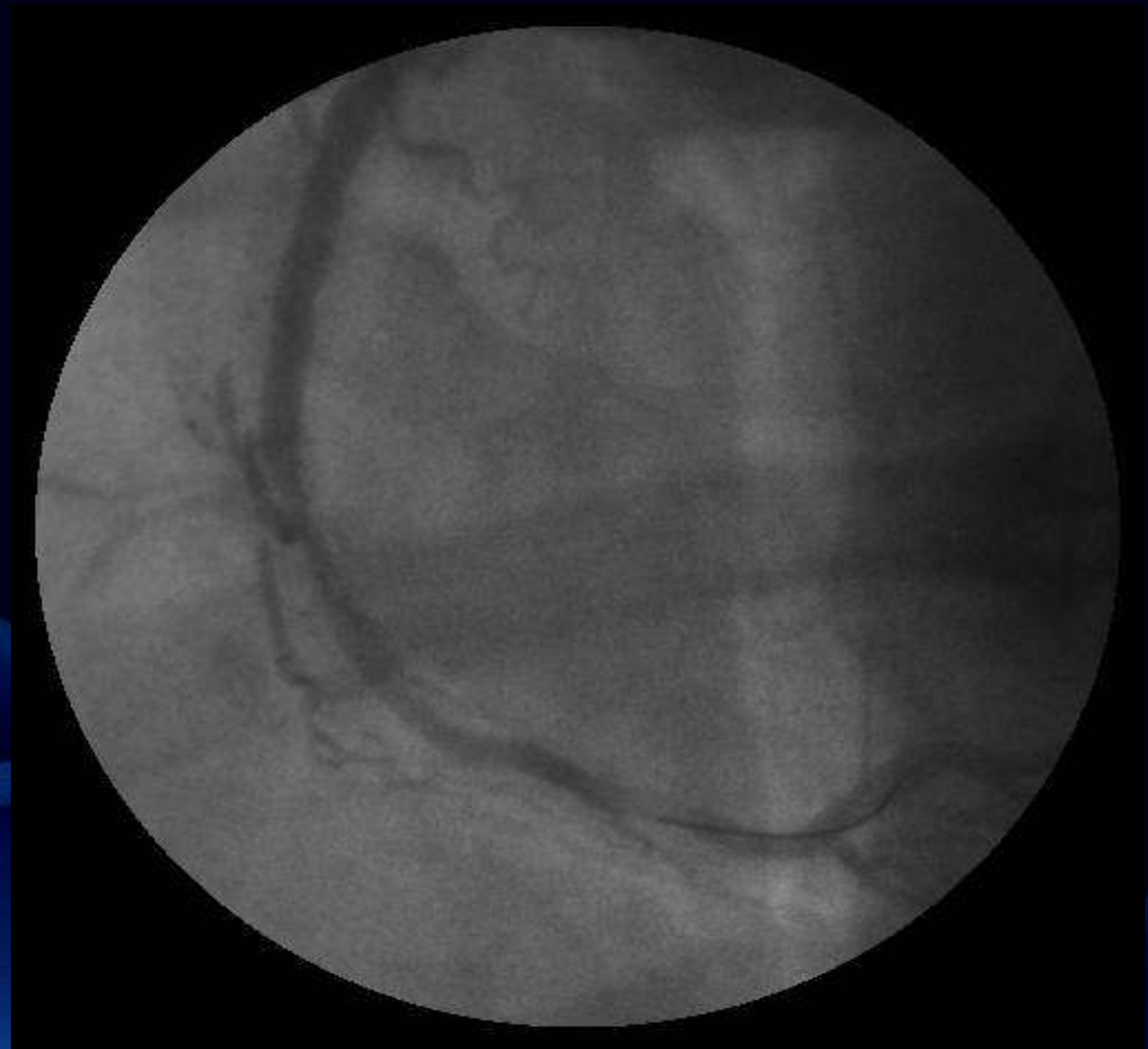
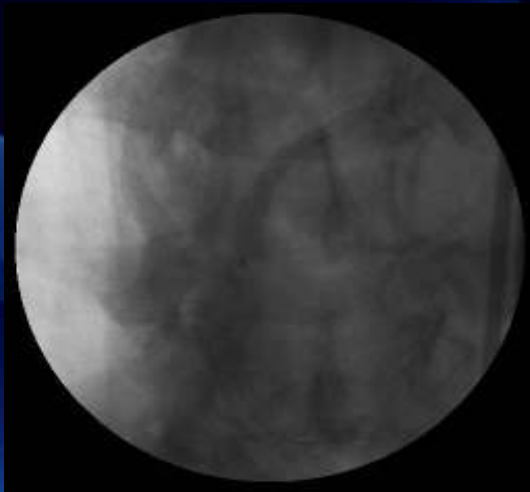
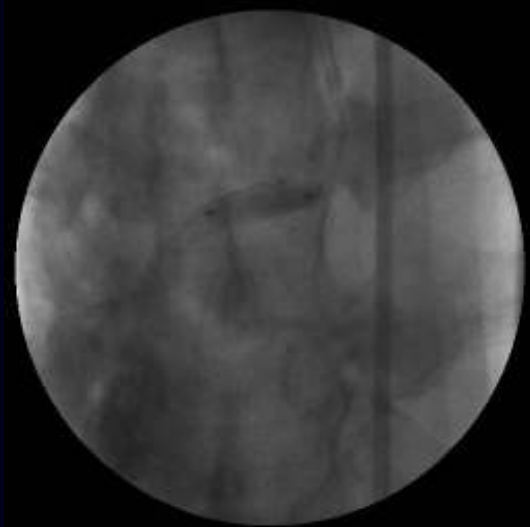
**During withdrawal of the balloon, inadvertent deep intubation of the guiding catheter led to an extensive, spiral dissection of the Right Coronary Artery from the ostium up to the implanted stent at the bifurcation level.**



ΕΛΛΗ

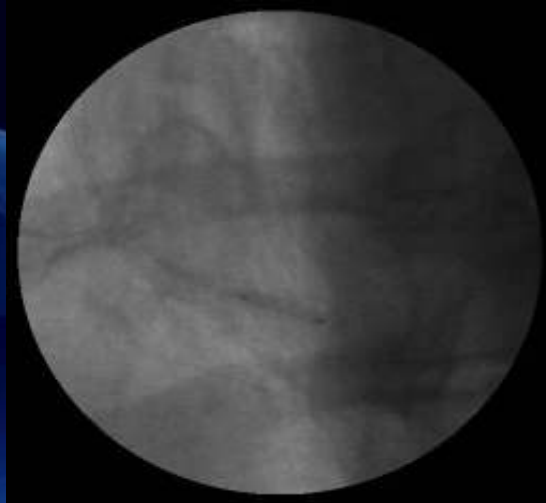
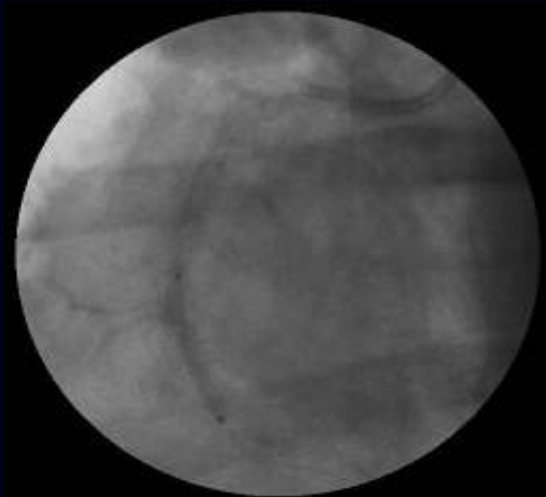
ΙΑΤΩΝ

## Implantation of Endeavor 3.5x18mm and 3.0x24mm

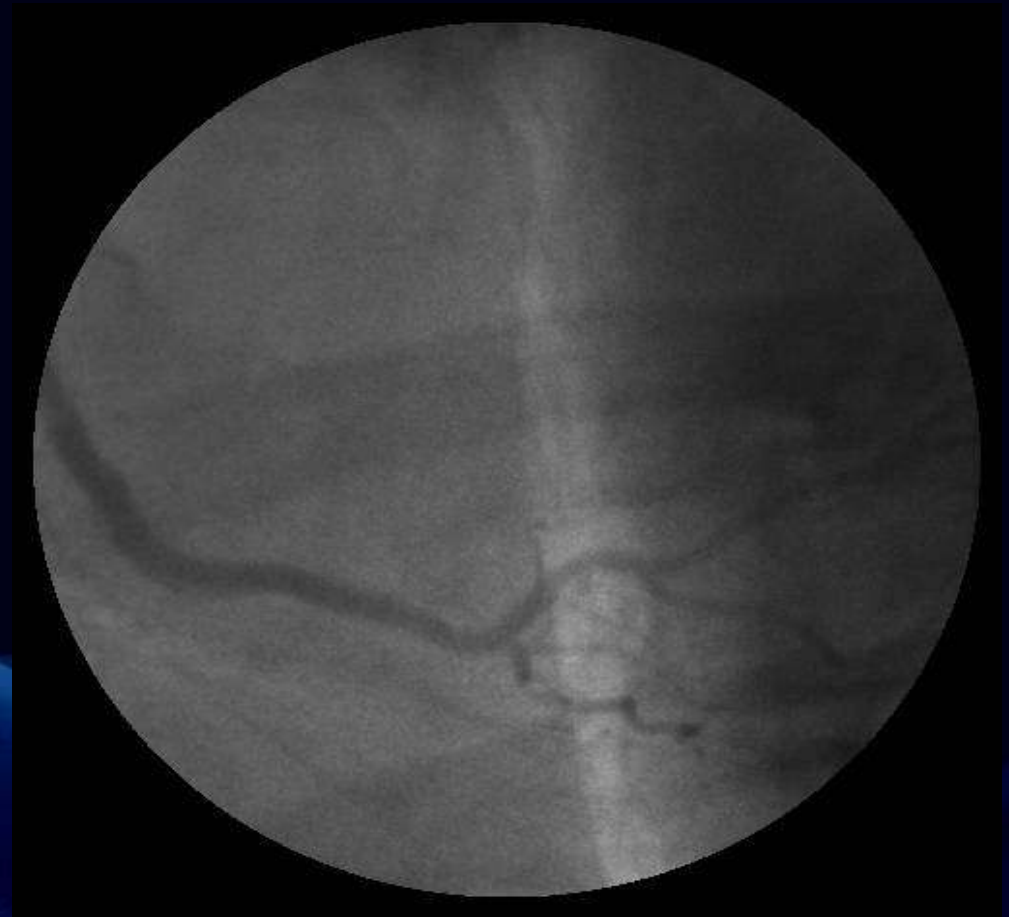




# Implantation of Endeavor 3.0x18, 2.75x24, 2.5x18 and 2.5x18mm



# Final Result after post dilatation with Quantum 3.0x15 and Quantum 3.5x15.



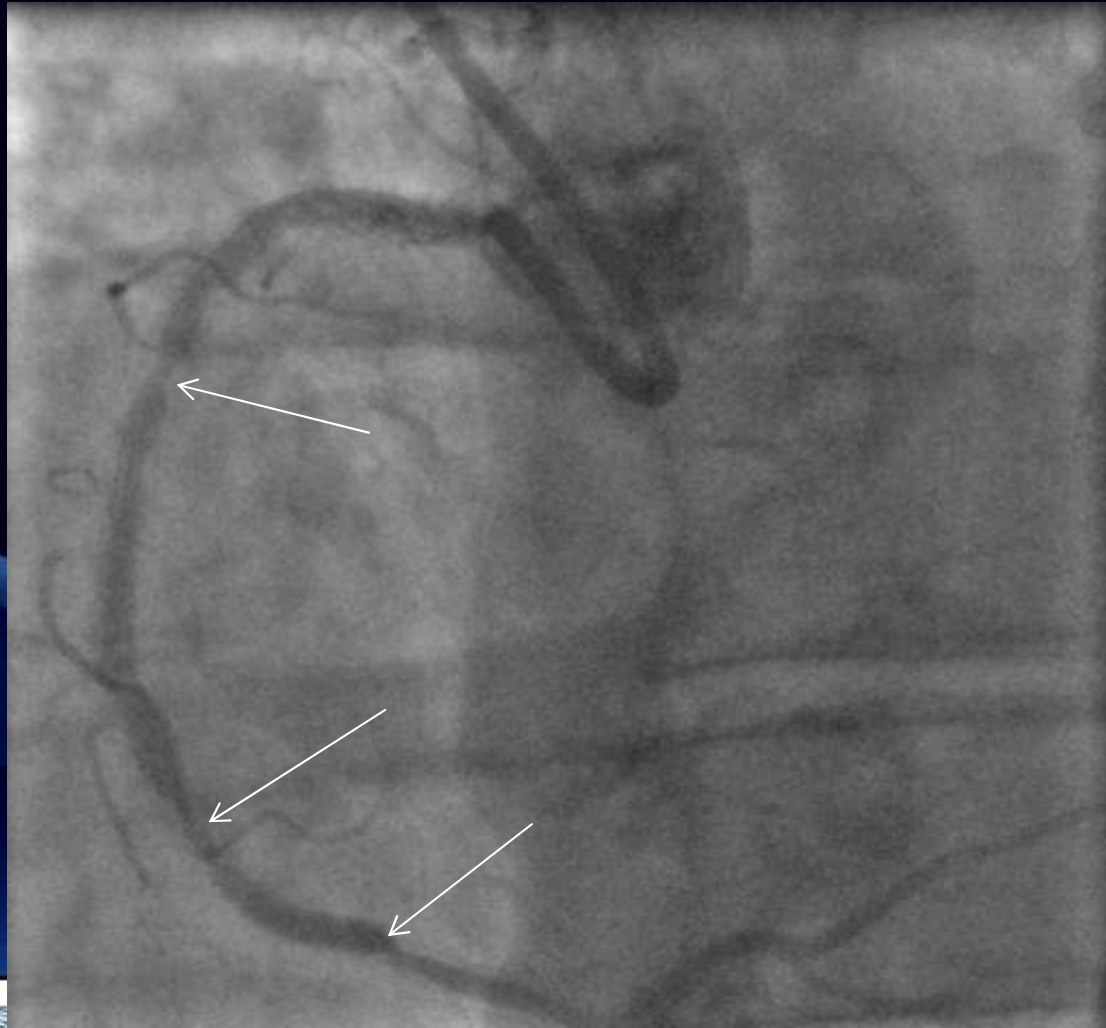
**Stented length 134mm**



ΕΛΛΗΝΙΚΟ ΙΝΣΤΙΤΟΥΤΟ ΚΑΡΔΙΑΓΓΕΙΑΚΩΝ ΝΟΣΗΜΑΤΩΝ

**10 months after the index PCI, patient developed exertional angina**

**Diagnostic coronary angiography**

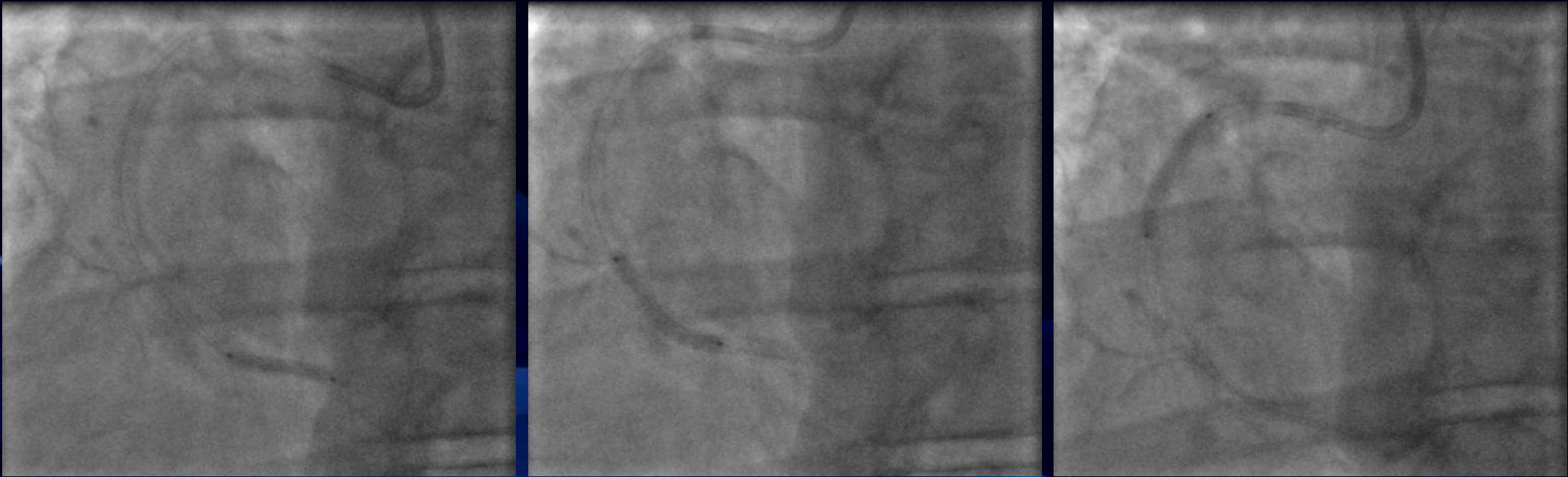


**Severe In-Stent ReStenosis**



**ΕΛΛΗΝΙΚΟ ΙΝΣΤΙΤΟΥΤΟ ΚΑΡΔΙΑΓΓΕΙΑΚΩΝ ΝΟΣΗΜΑΤΩΝ**

**Implantation of Cypher 2.5x18, 2.75x23 and 3.0x23mm  
Postdilatation with Quantum 3.0x15 and 3.5x15mm**



# Final Result



**4 years after the second procedure the patient remains asymptomatic with no evidence of ischaemia on the ETT.**

