

6° Joint Meeting with Mayo Clinic

“Great innovations in Cardiology”

***Transcatheter Aortic Valve
Implantation***

BRIEF CASE PRESENTATION

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BRIEF CASE PRESENTATION 1

91 y.o. Male

Still working lawyer

Hypertension. Smoke

Severe calcific aortic stenosis. AVA 0.6 cm². PG
106/64 mmHg Moderate aortic regurgitation

EF 65%.

In the last 3 months dyspnea, angina and fatigue



BRIEF CASE PRESENTATION 1

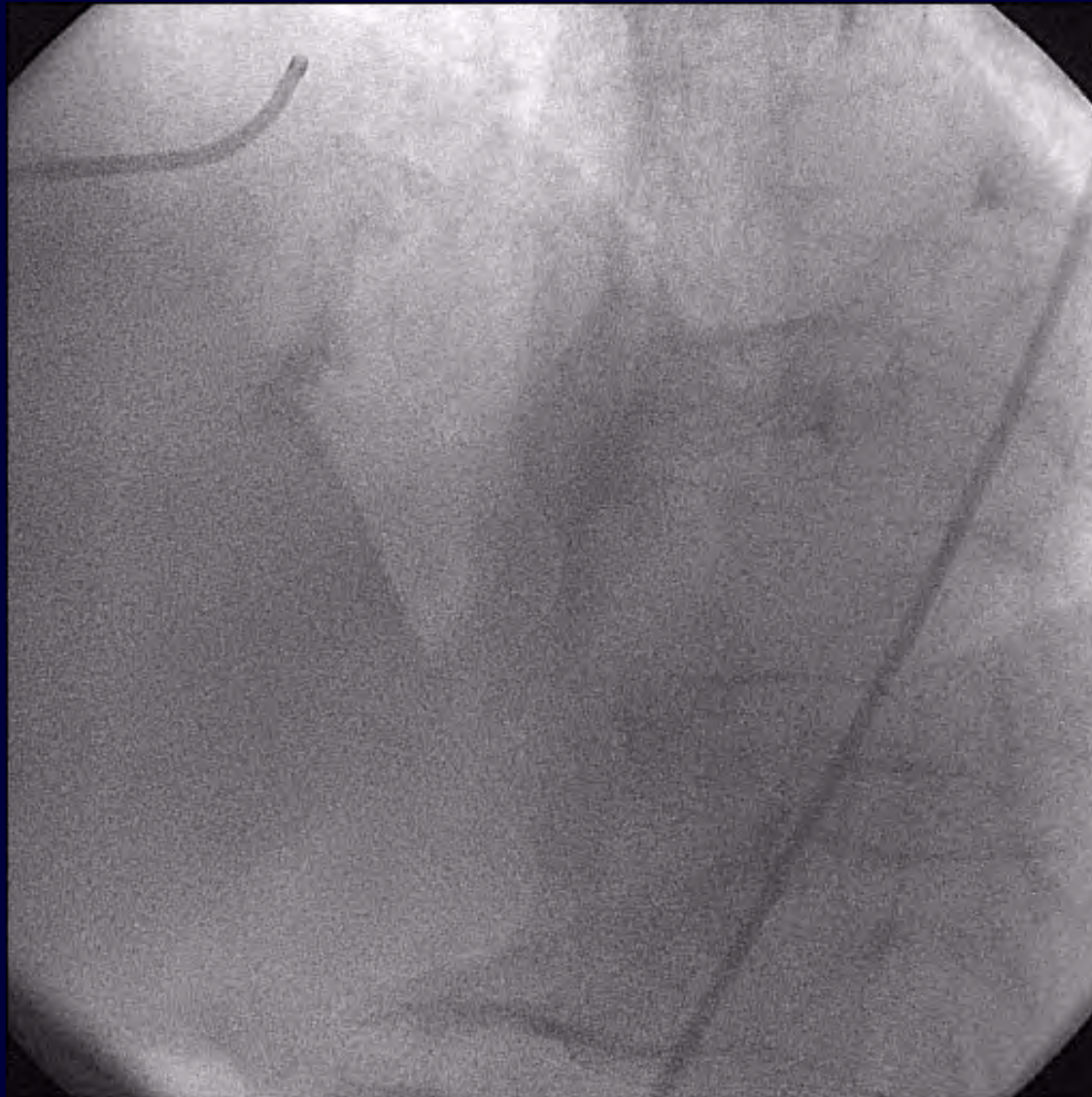
Comorbidity

Severe Abdominal Aortic Atherosclerosis

Mild renal failure



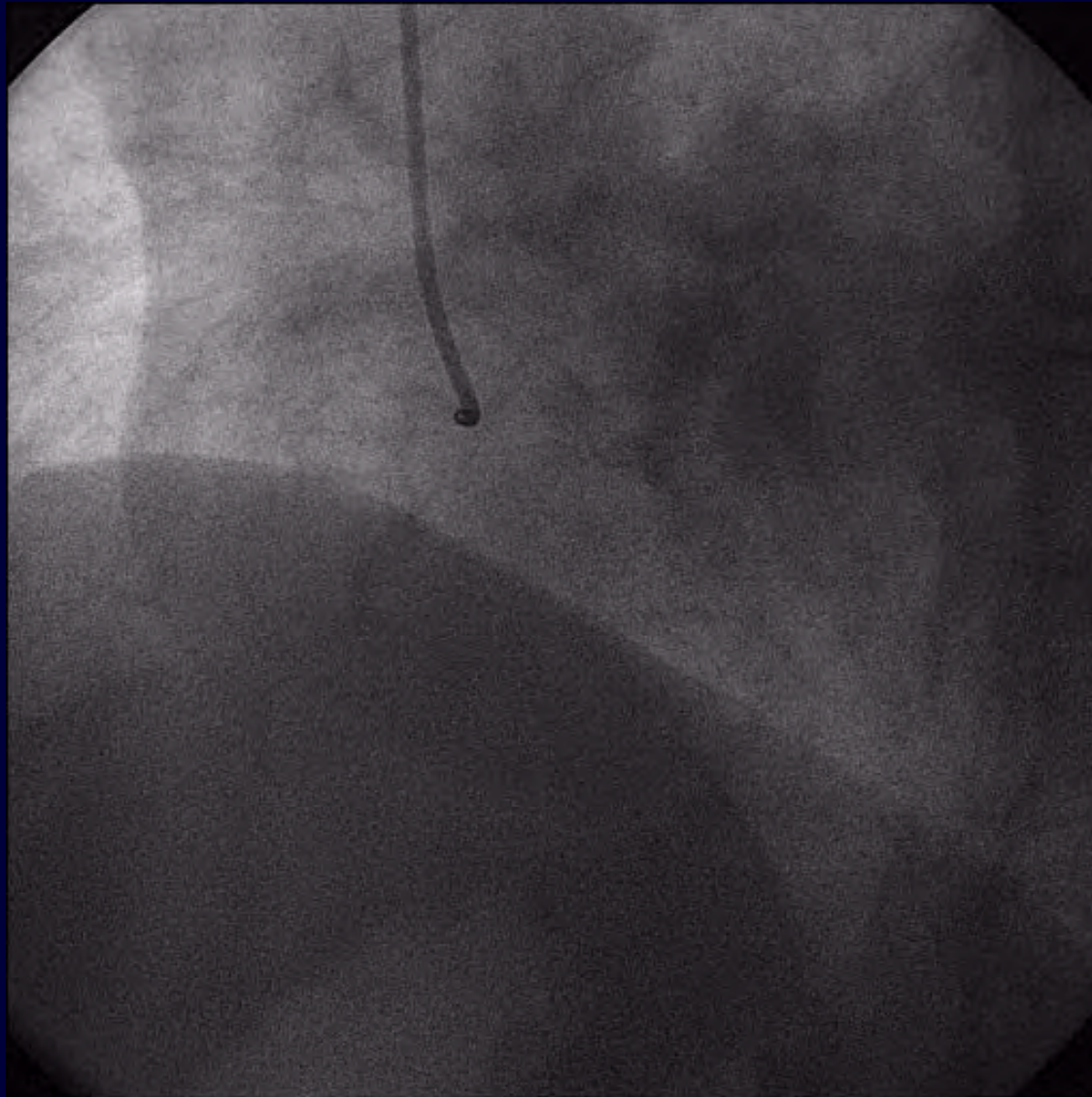
BRIEF CASE PRESENTATION 1



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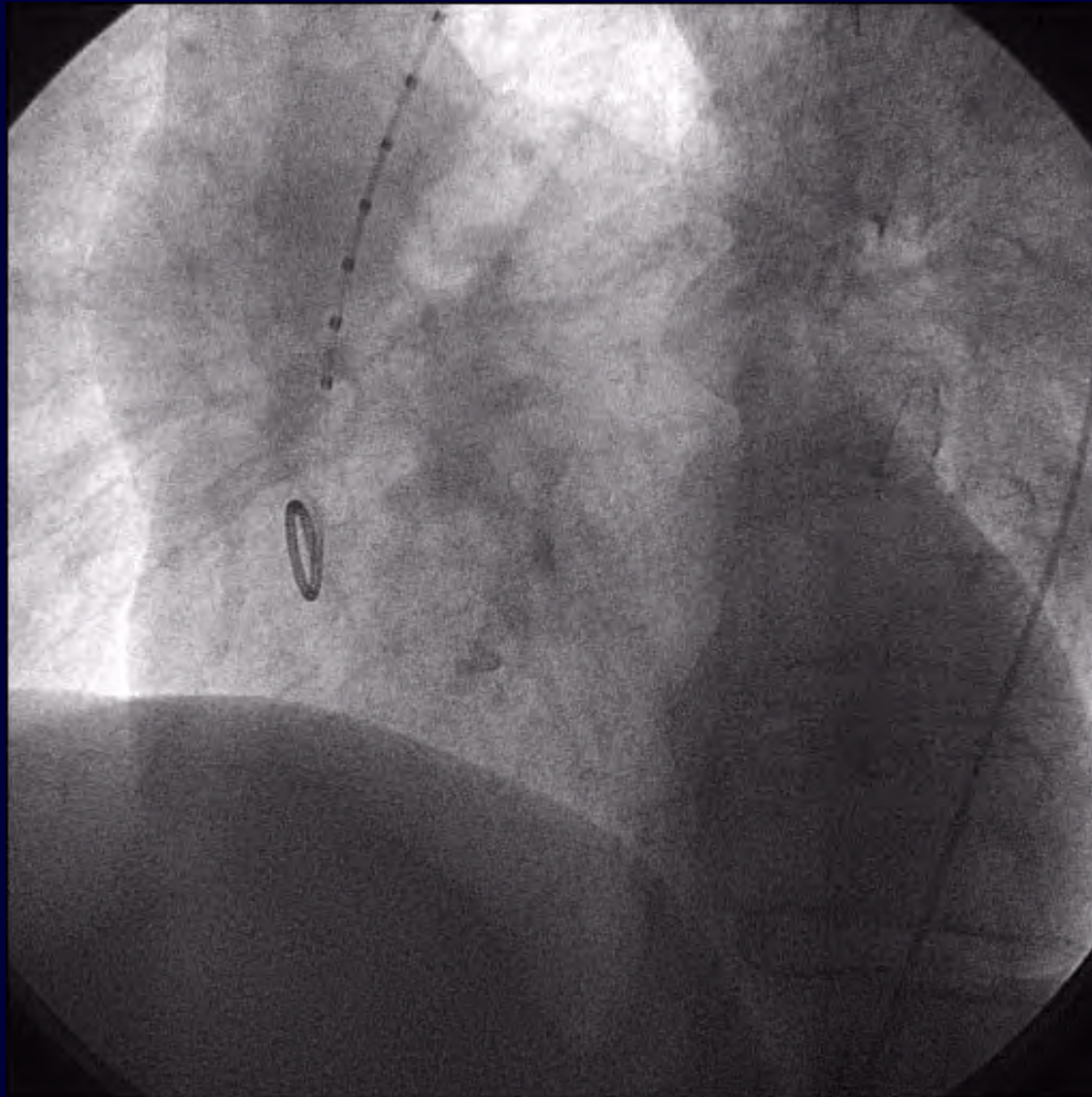
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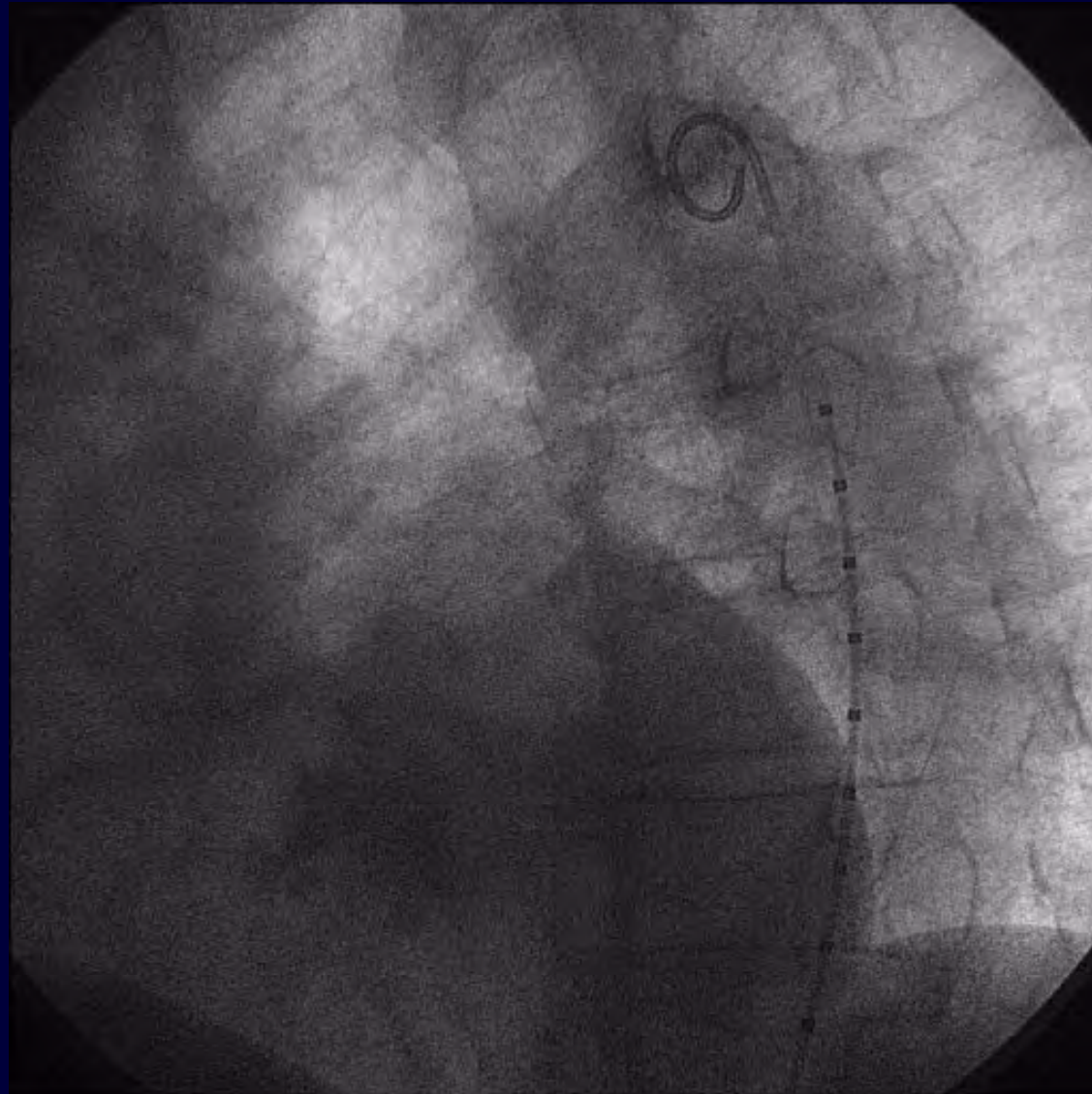
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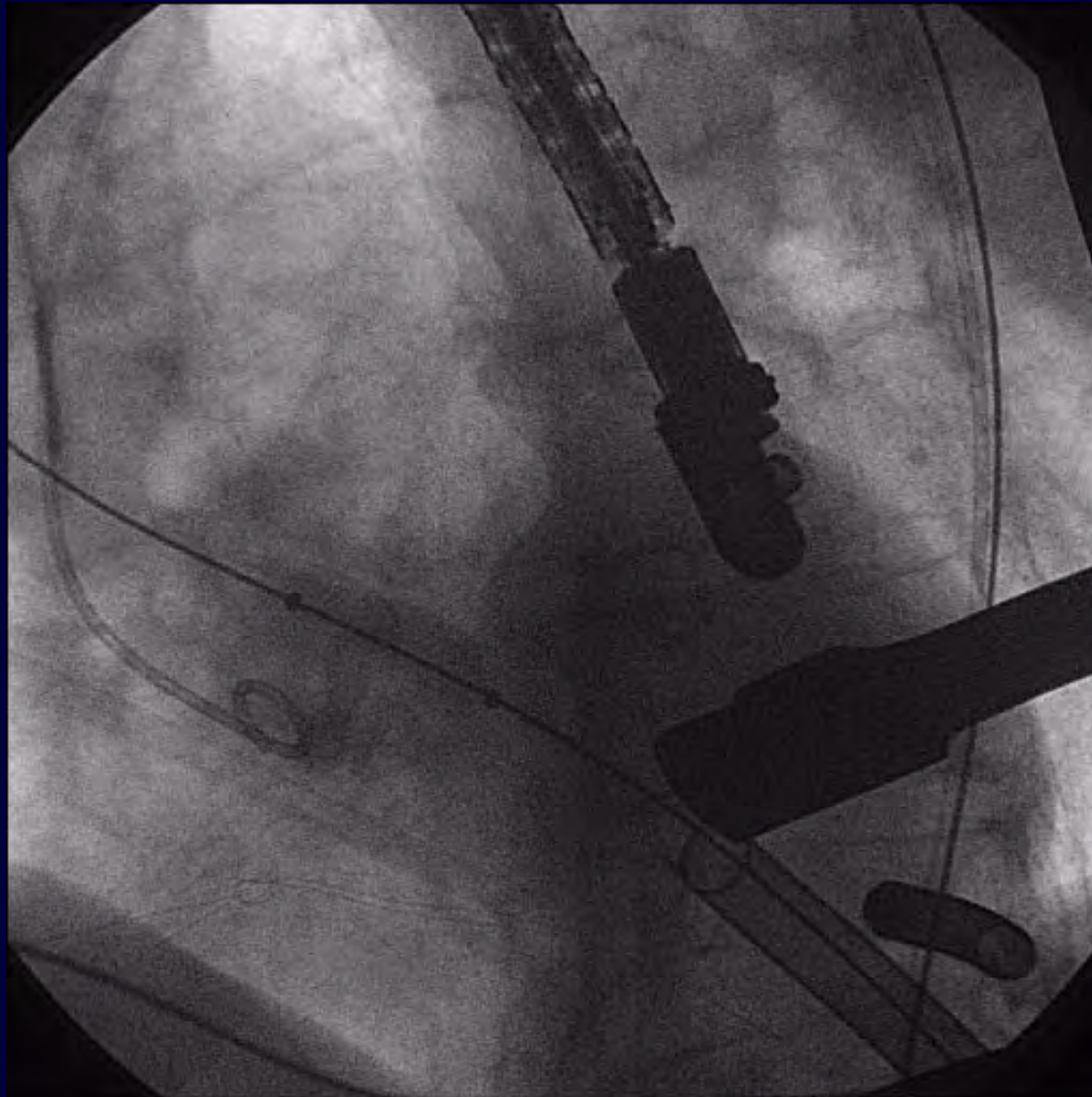
Euroscore

Logistic 24.06

Standard 11



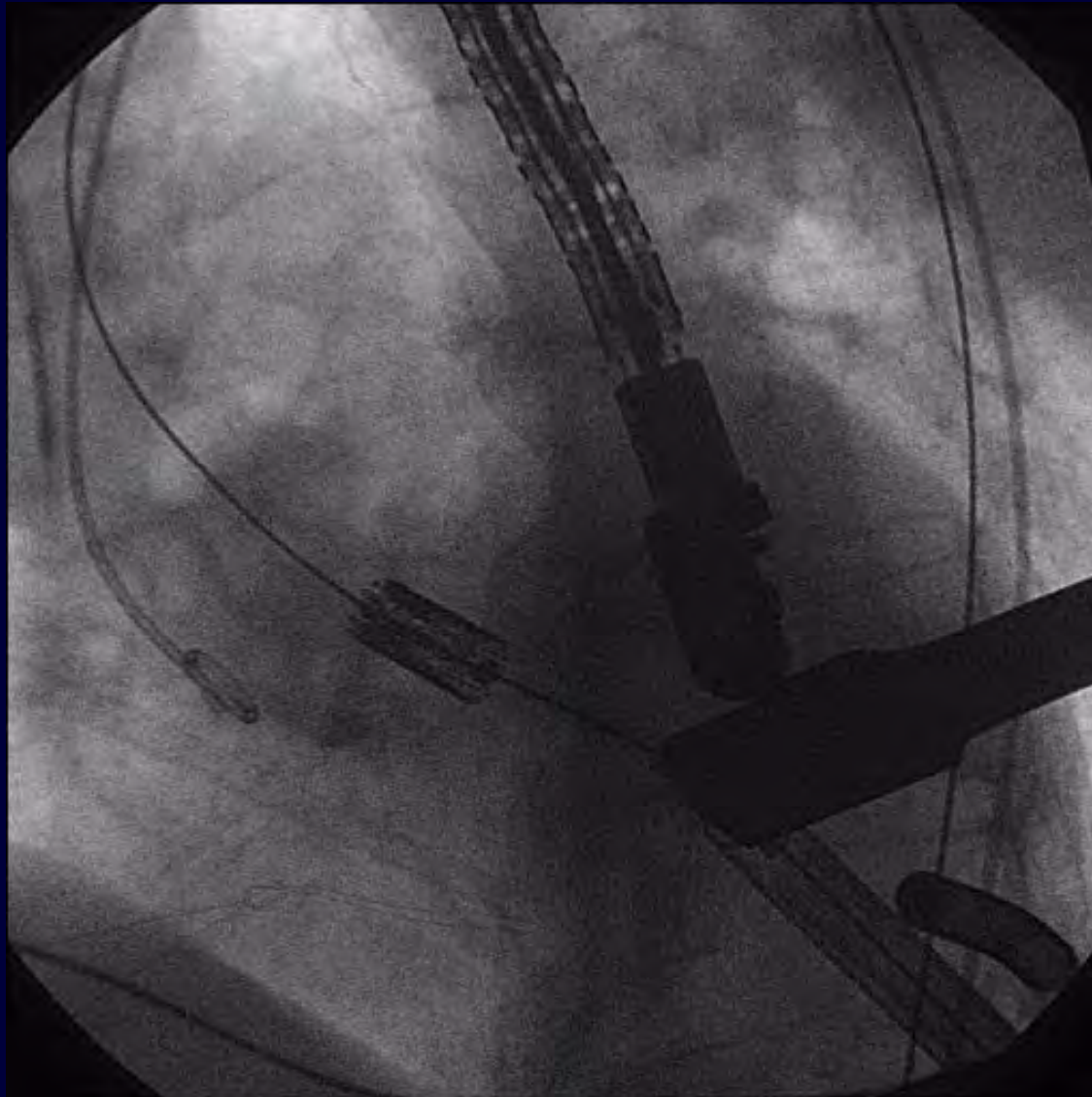
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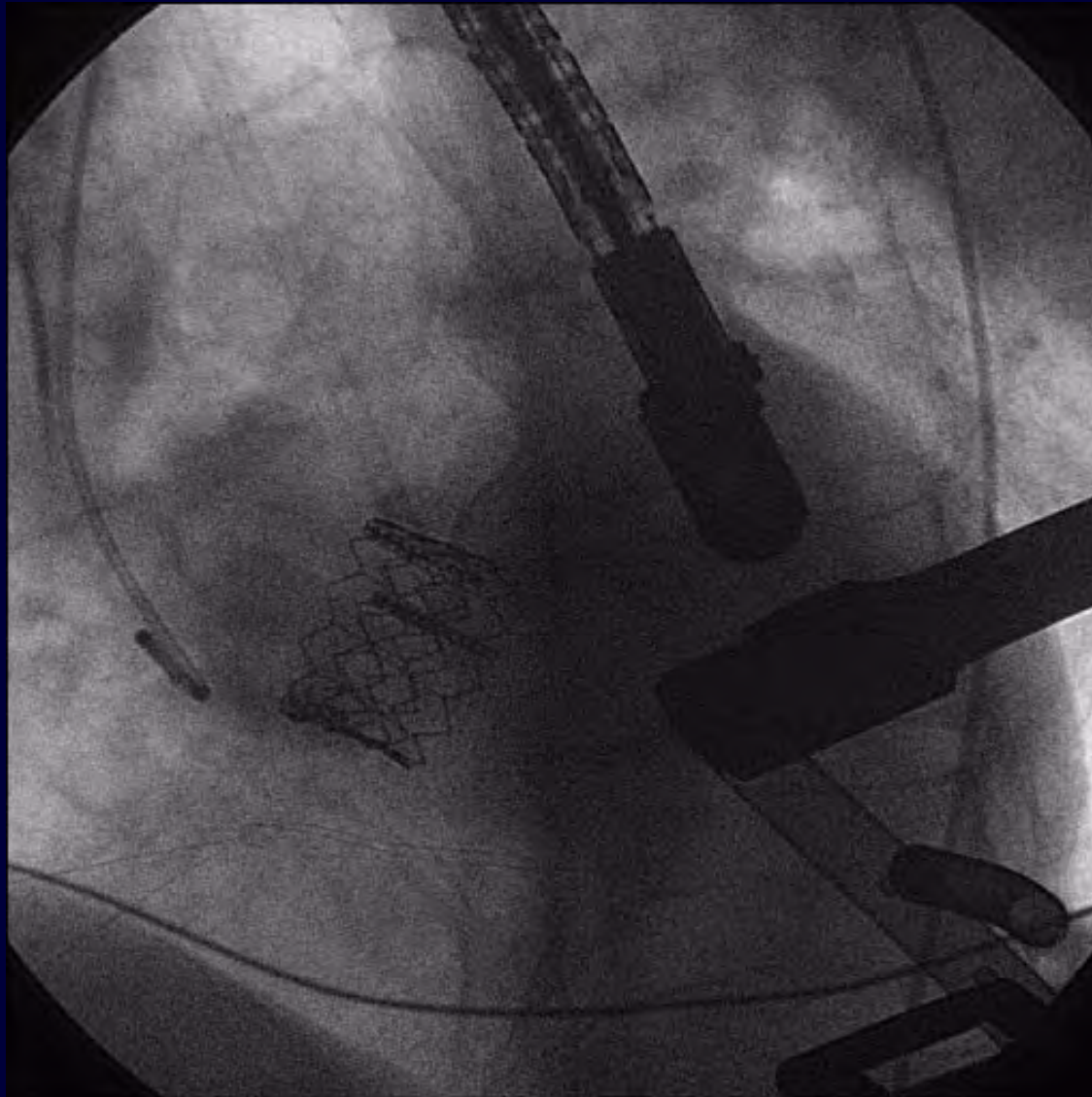
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BRIEF CASE PRESENTATION 1



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BRIEF CASE PRESENTATION 1

1 day hospitalization in intensive care unit

Fast recovery

Optimal long-term follow-up (18 months)



BRIEF CASE PRESENTATION 2

74 yo male

Previous PCI RCA and LAD

Severe aortic stenosis since 2004

Poor LV function with pulmonary hypertension

2007-2008 Repeated aortic Valvuloplasty

Comorbidity

Severe COPD

Severe renal failure in dialytic therapy

Anemia

Previous Non-Hodgkin Lymphoma



BRIEF CASE PRESENTATION 2

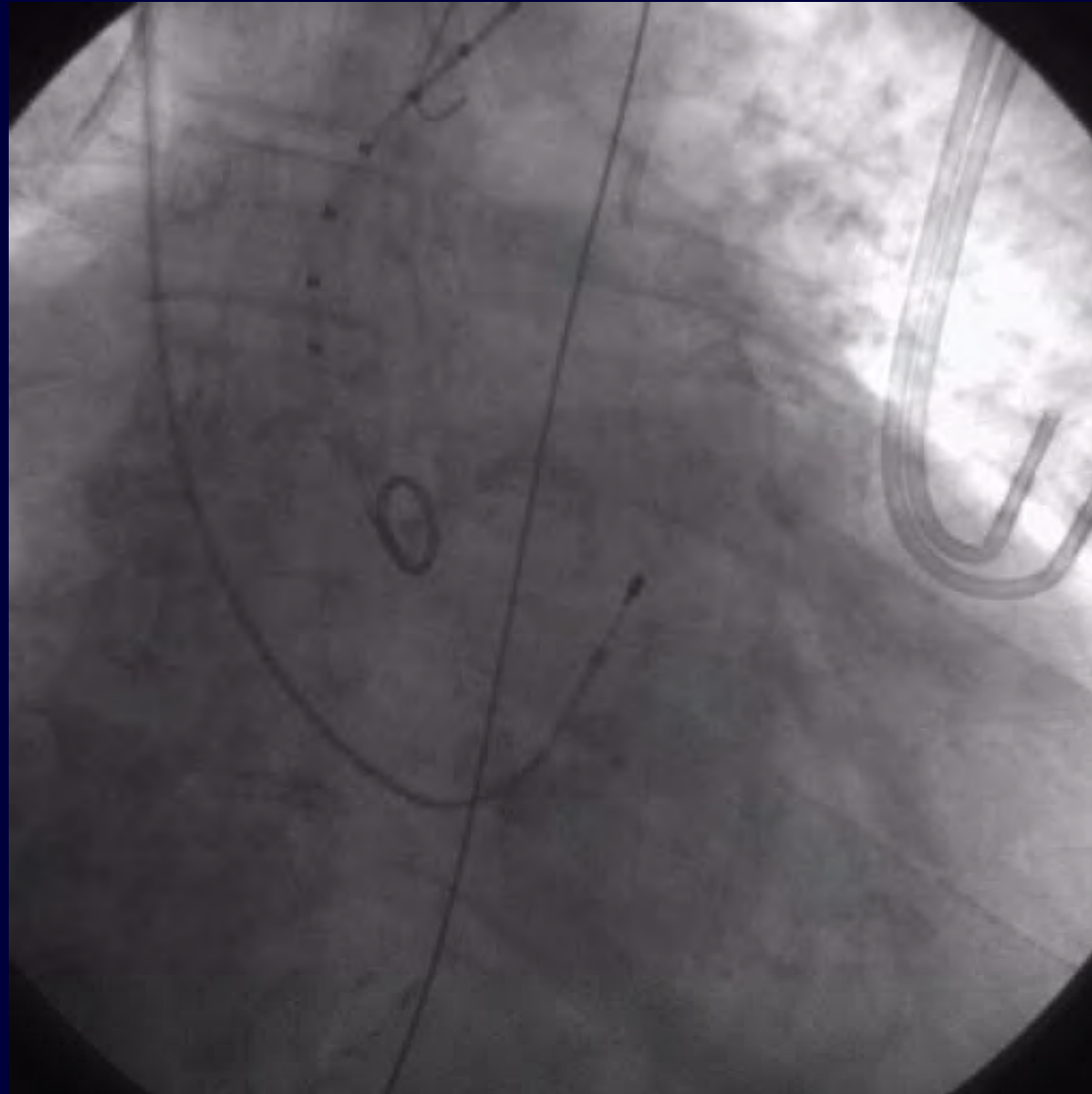
Euroscore

Logistic 67.52

Standard 16



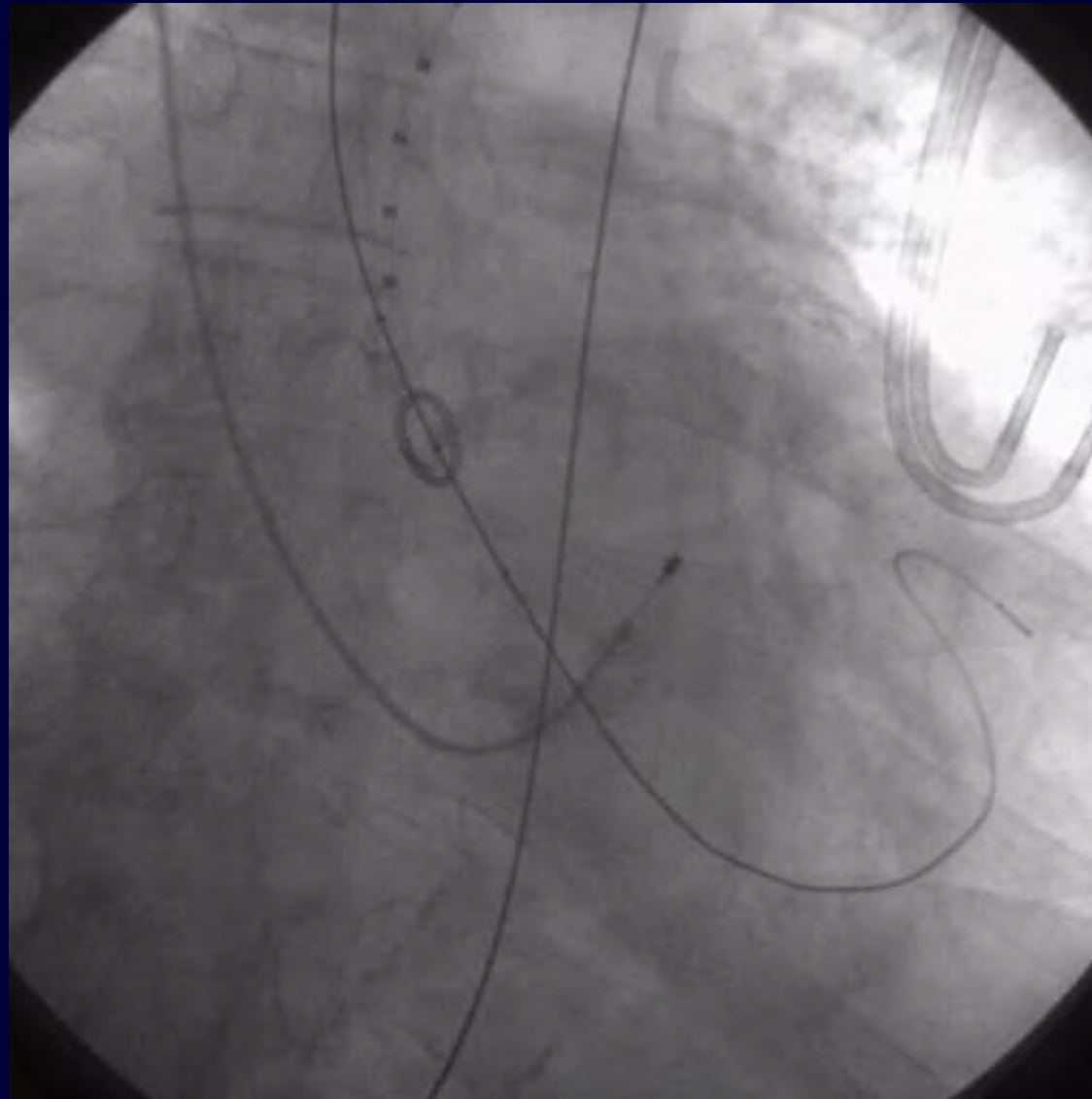
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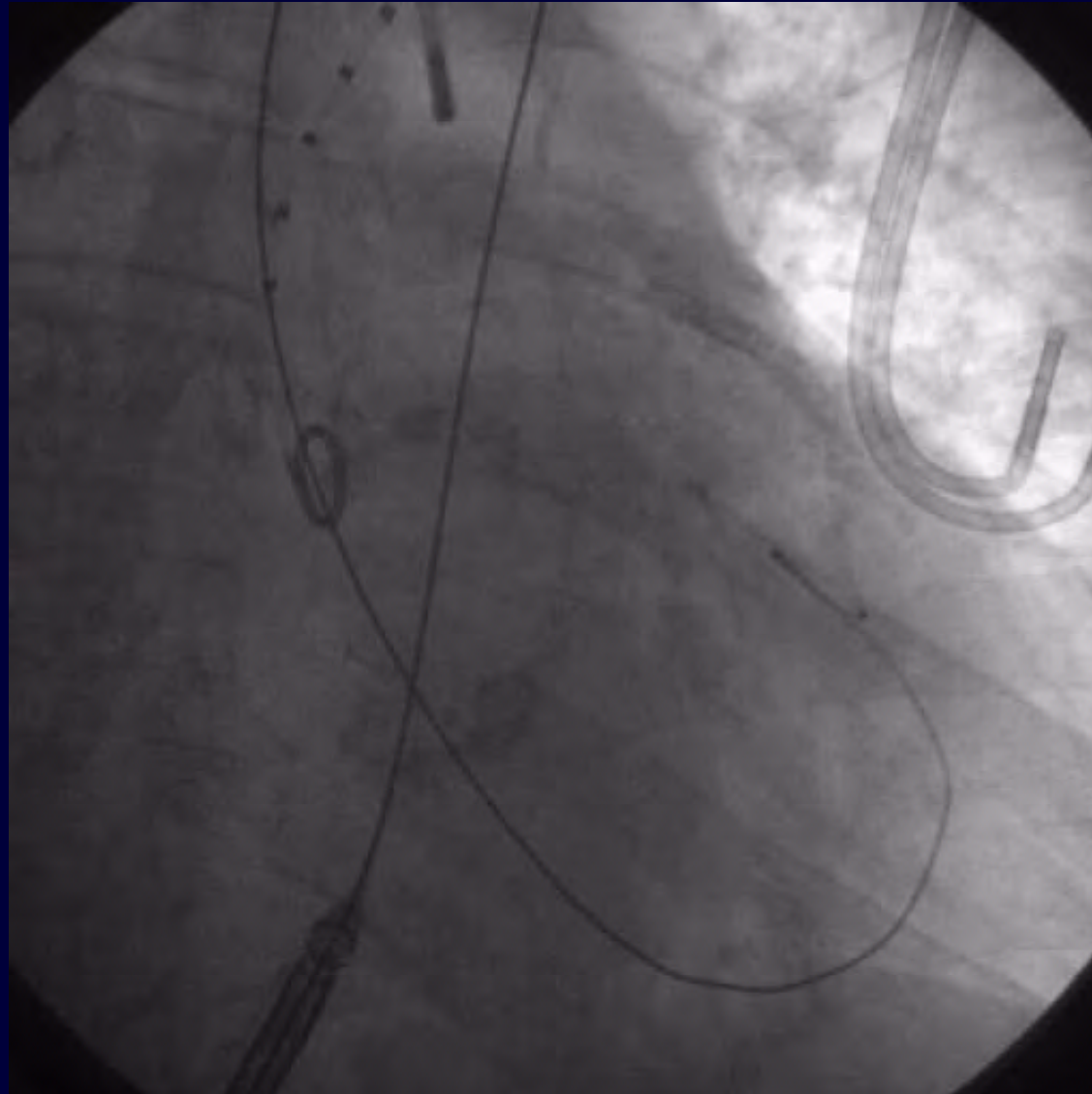
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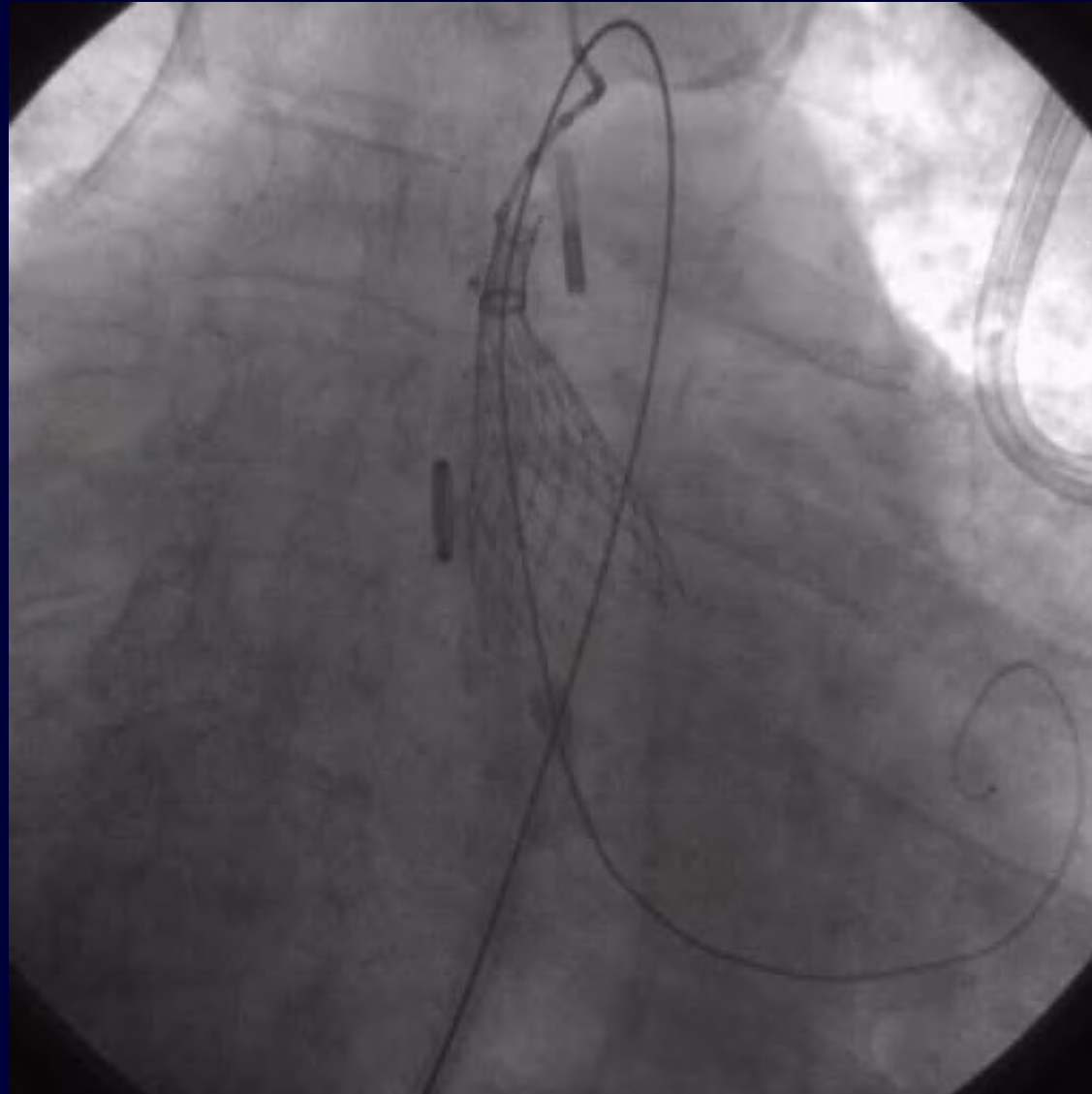
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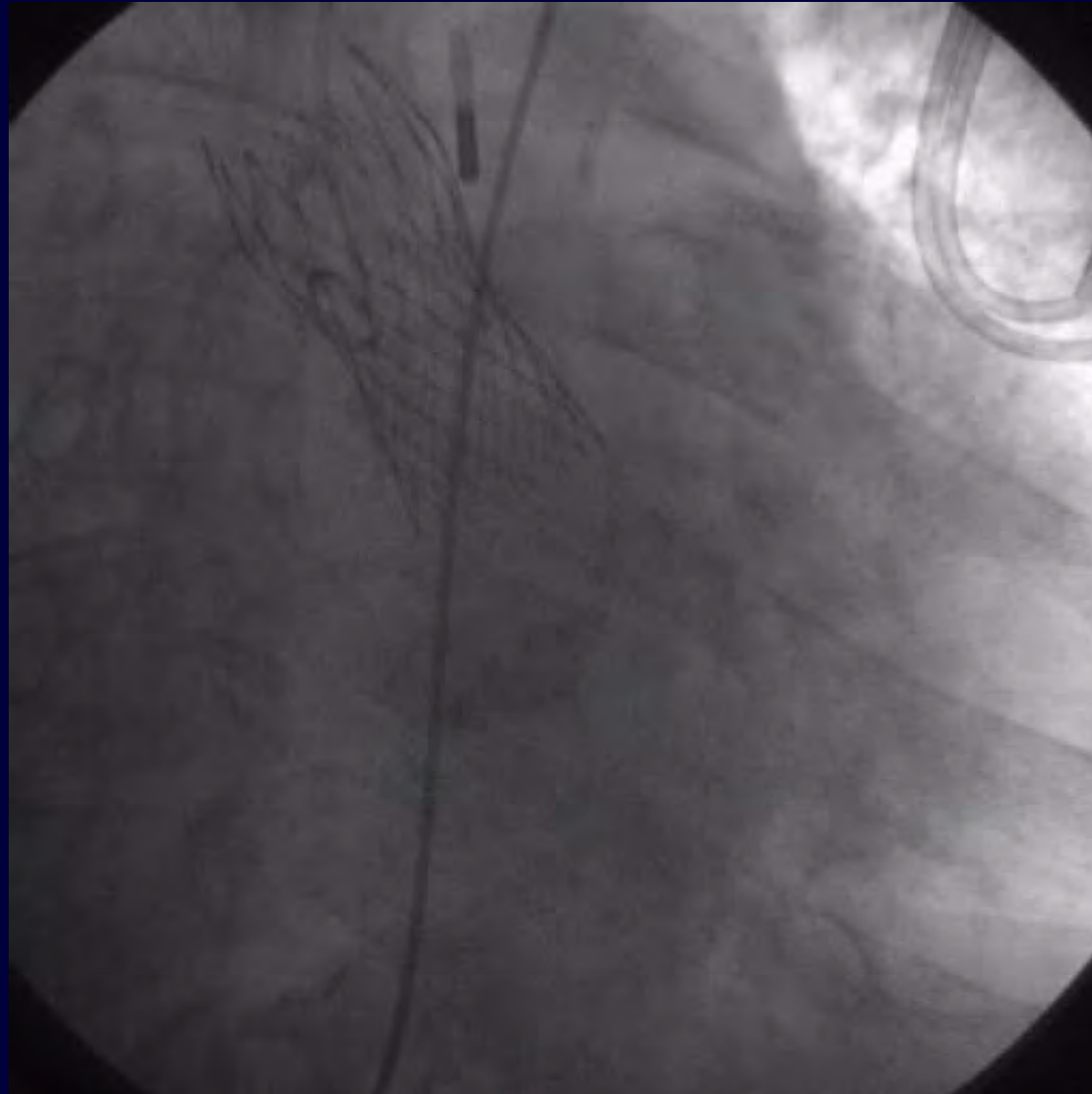
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BRIEF CASE PRESENTATION 2



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BRIEF CASE PRESENTATION 2

Good hemodynamics performance

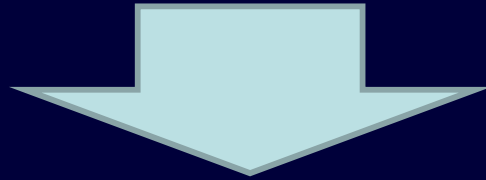
40 days hospitalization in intensive care unit

Diffuse cerebral ischemia

Final exitus



Where's the difference?



Patients selection

