

6° Joint Meeting with Mayo Clinic

“Great innovations in Cardiology”

Transcatheter Aortic Valve Implantation

BRIEF CASE PRESENTATION

Maurizio D'Amico



***Dipartimento Cardiovascolare e Toracico
Azienda Ospedaliera Universitaria S.G. Battista, Molinette Torino***

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

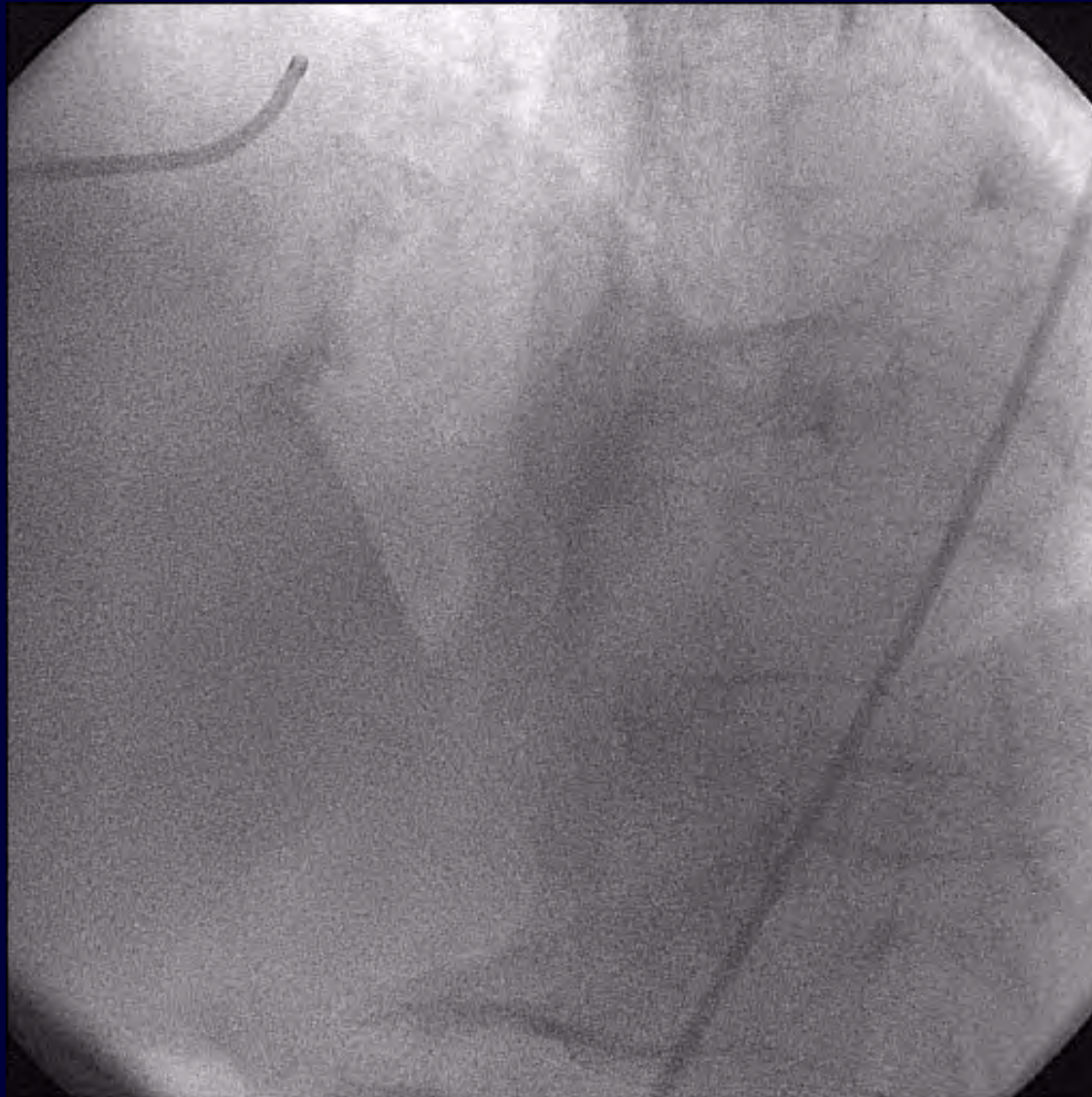
Comorbidity

Severe Abdominal Aortic Atherosclerosis

Mild renal failure



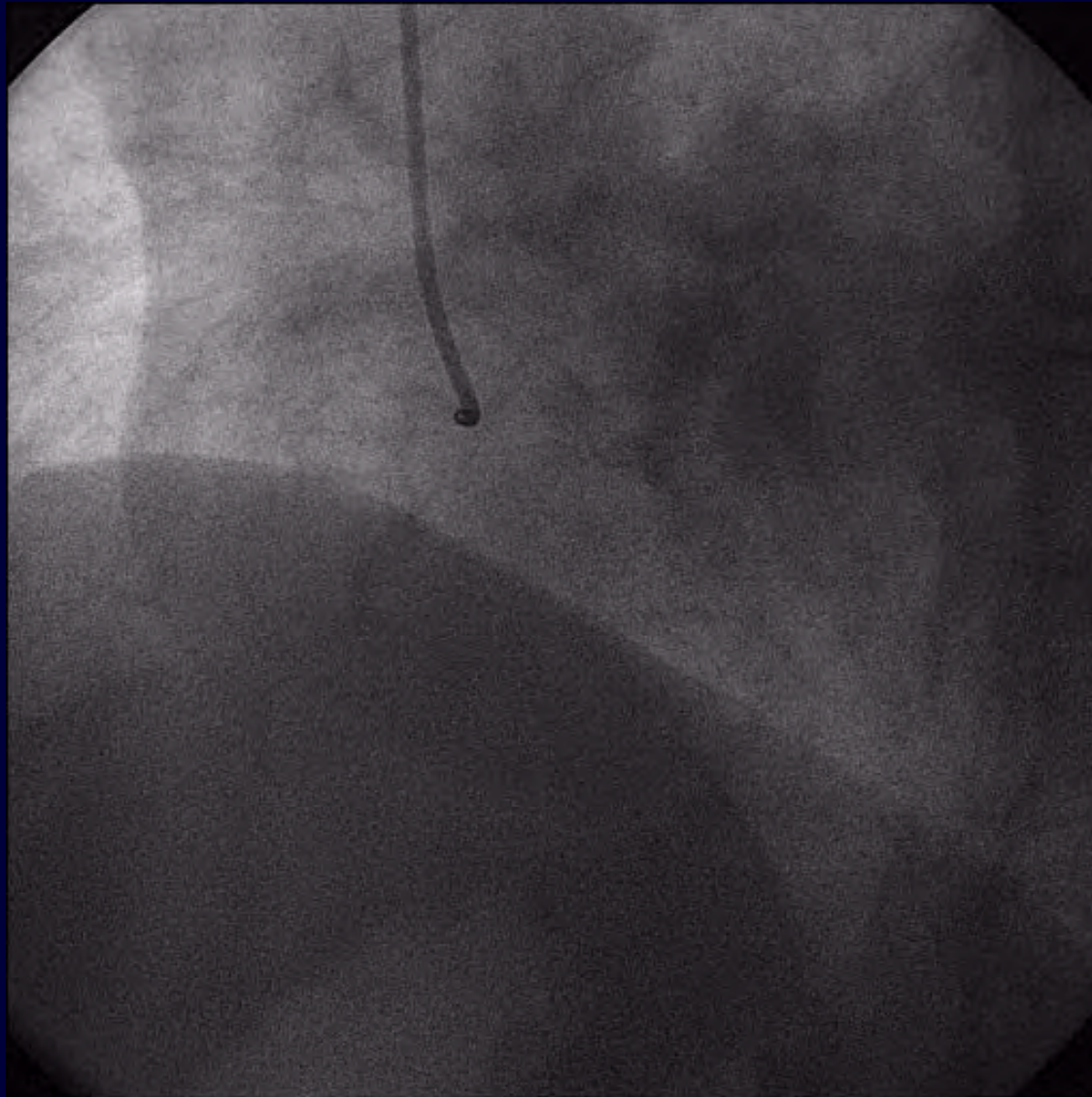
BRIEF CASE PRESENTATION 1



*Struttura Complessa di Cardiologia Ospedaliera
Azienda Ospedaliera S.G. Battista, Molinette di Torino*



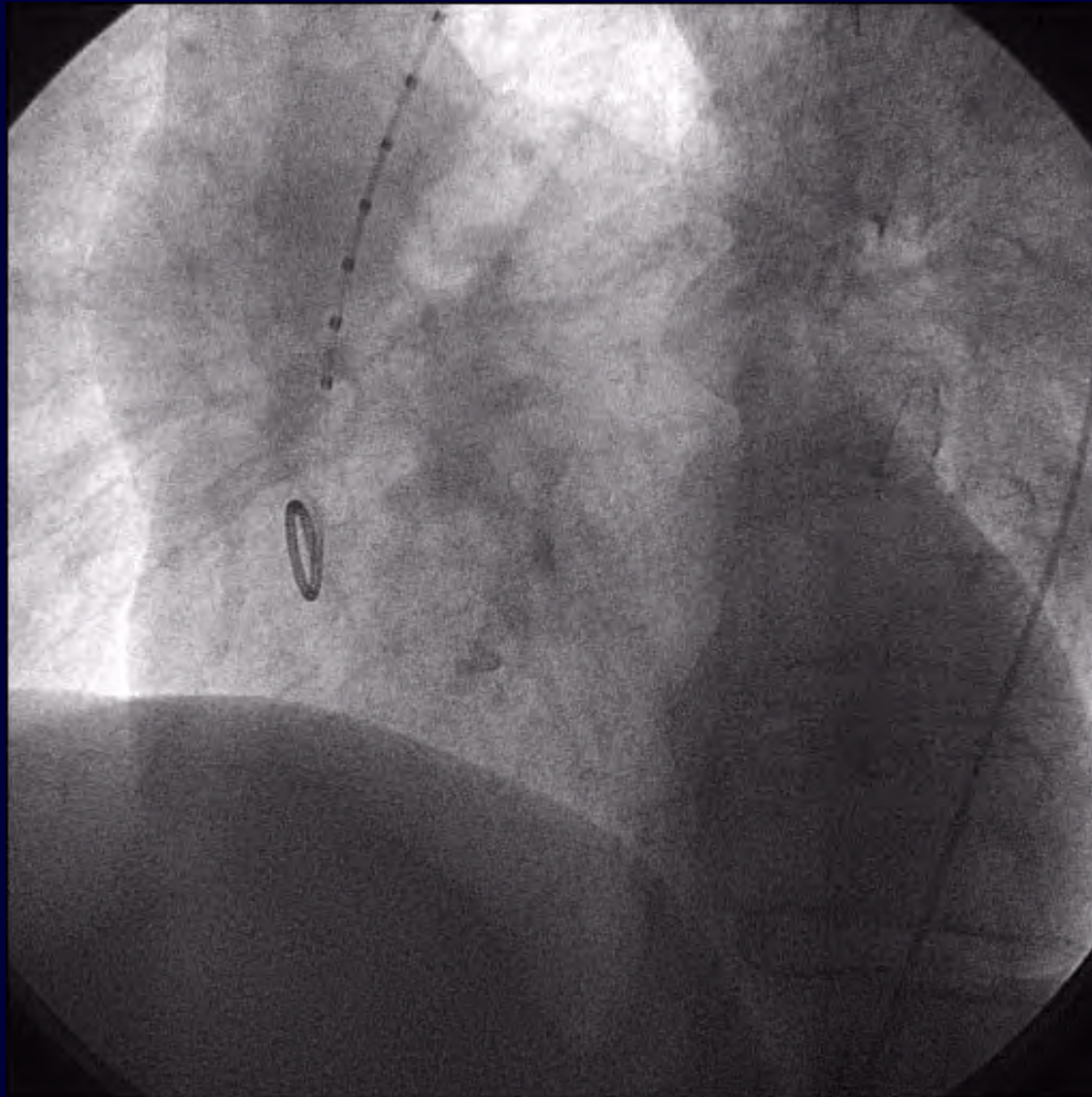
BRIEF CASE PRESENTATION 1



*Struttura Complessa di Cardiologia Ospedaliera
Azienda Ospedaliera S.G. Battista, Molinette di Torino*



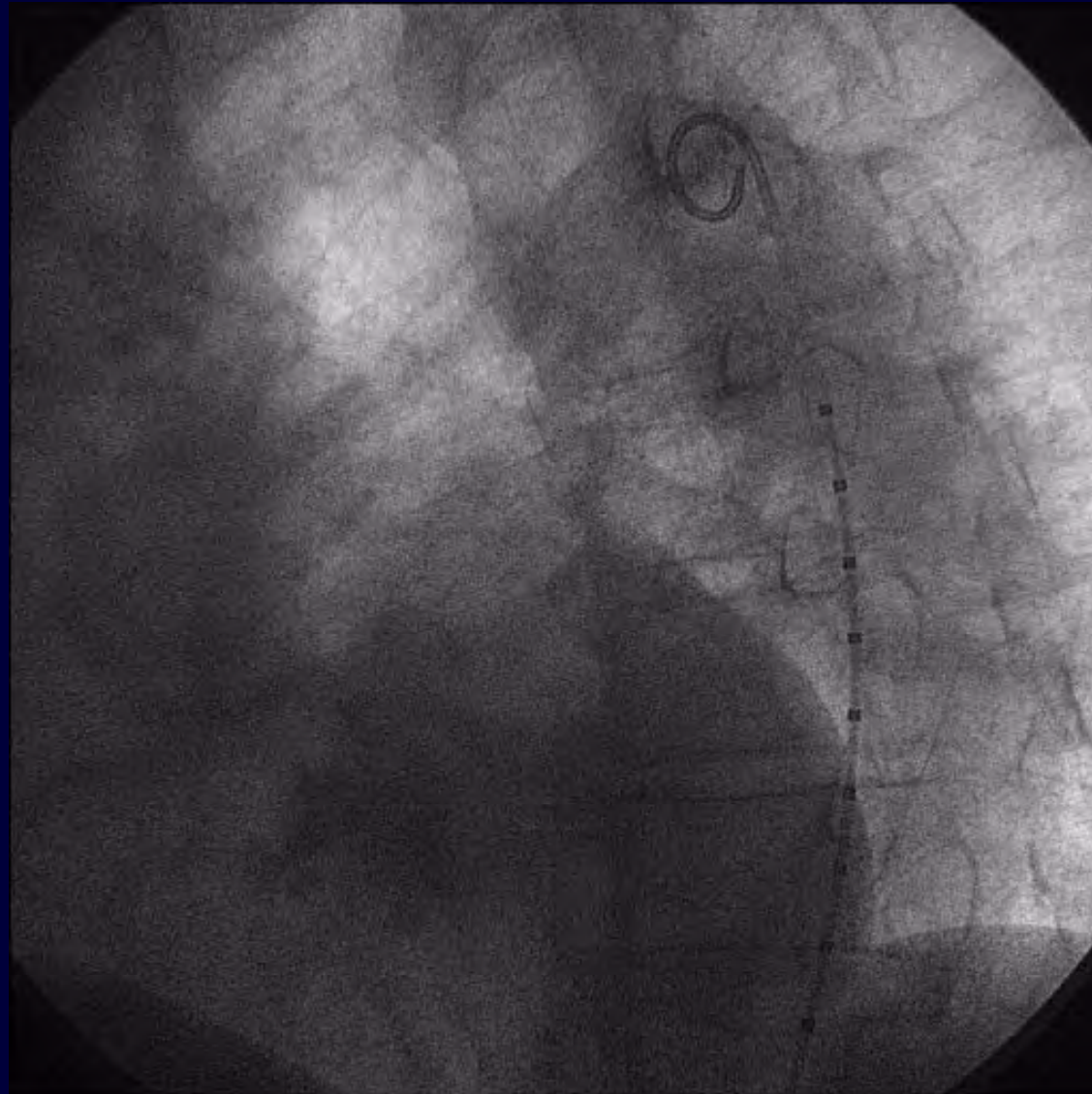
BRIEF CASE PRESENTATION 1



*Struttura Complessa di Cardiologia Ospedaliera
Azienda Ospedaliera S.G. Battista, Molinette di Torino*



BRIEF CASE PRESENTATION 1



*Struttura Complessa di Cardiologia Ospedaliera
Azienda Ospedaliera S.G. Battista, Molinette di Torino*



BRIEF CASE PRESENTATION 1

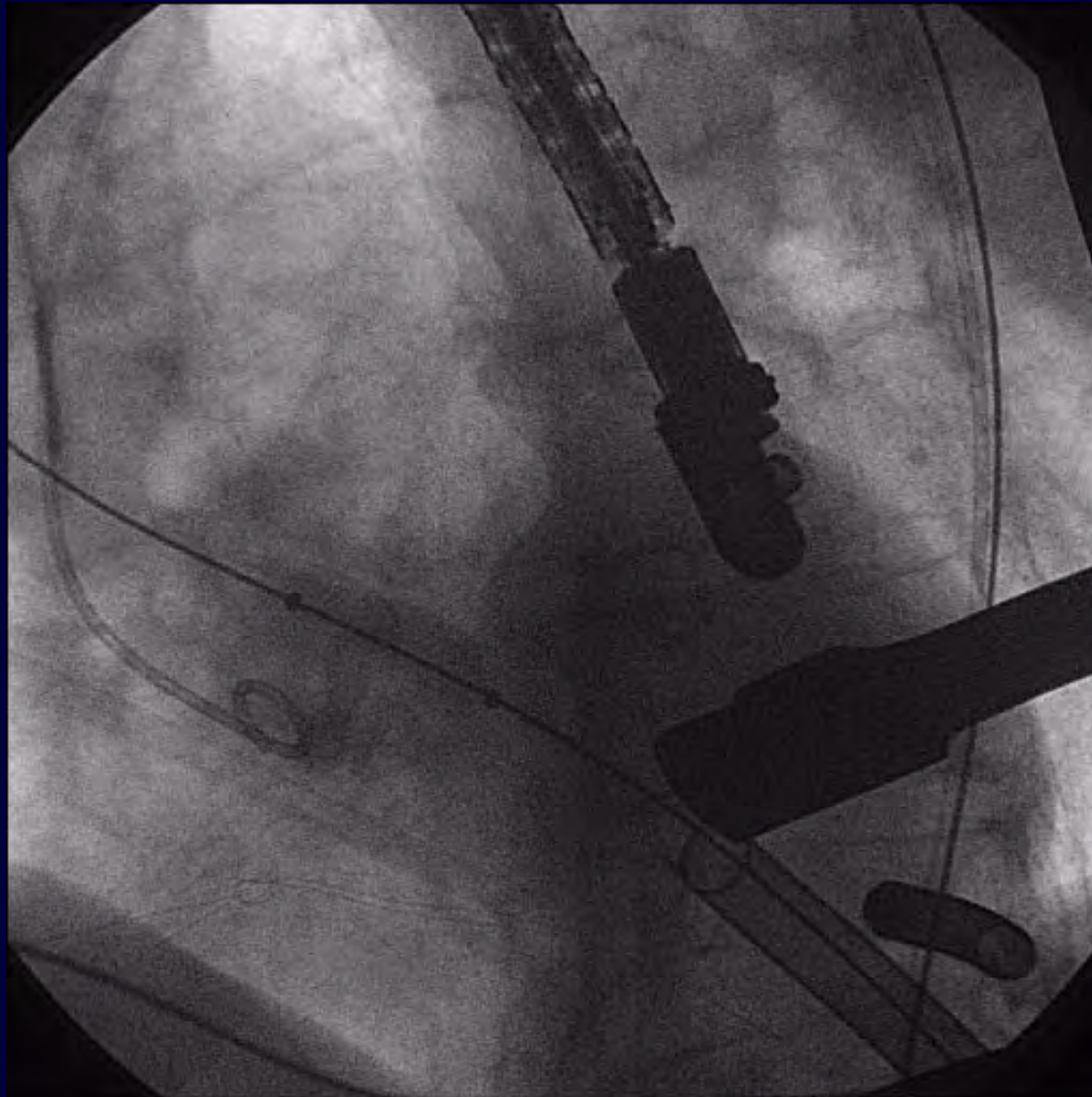
Euroscore

Logistic 24.06

Standard 11



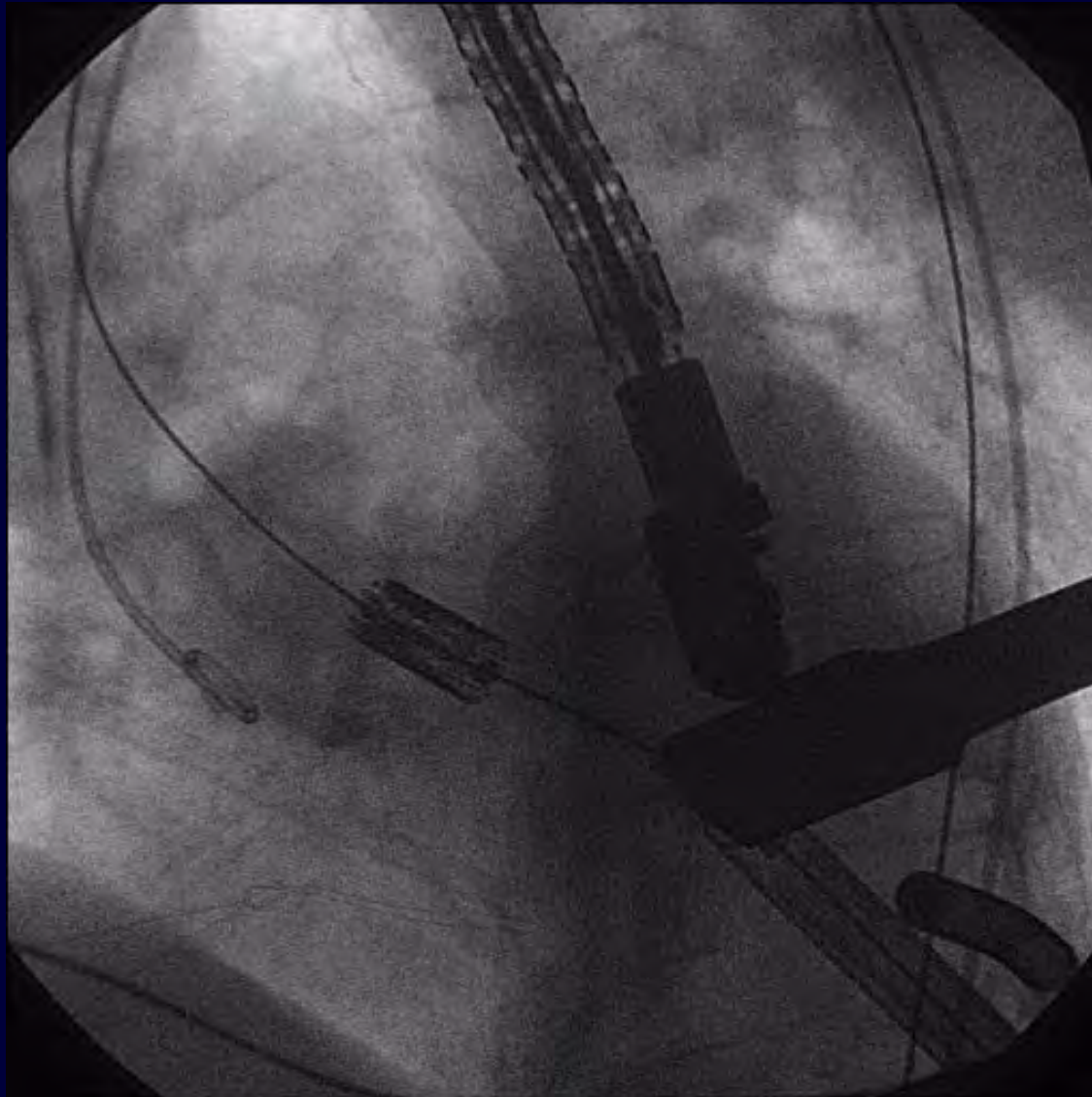
BRIEF CASE PRESENTATION 1



*Struttura Complessa di Cardiologia Ospedaliera
Azienda Ospedaliera S.G. Battista, Molinette di Torino*



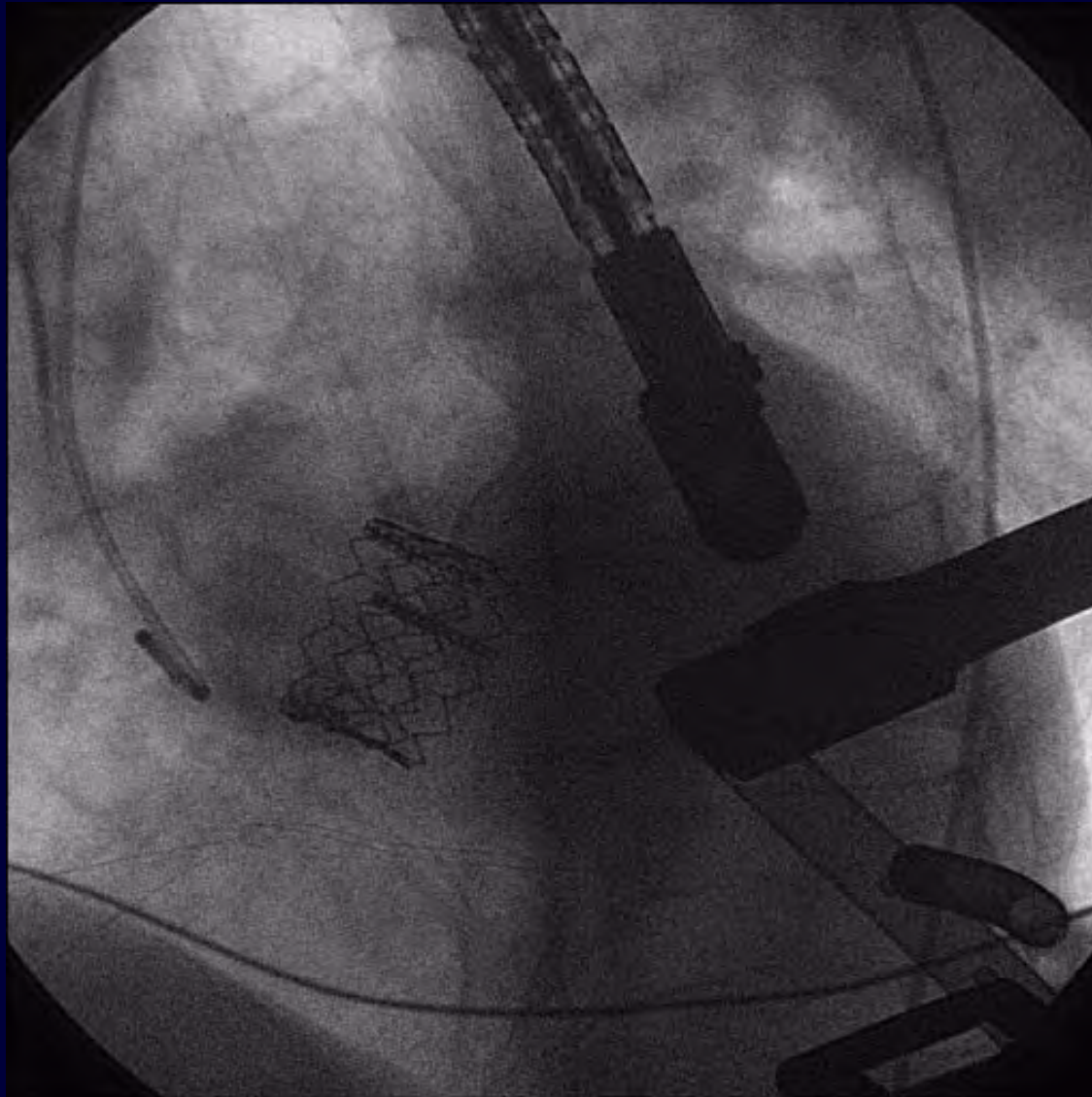
BRIEF CASE PRESENTATION 1



*Struttura Complessa di Cardiologia Ospedaliera
Azienda Ospedaliera S.G. Battista, Molinette di Torino*



BRIEF CASE PRESENTATION 1



*Struttura Complessa di Cardiologia Ospedaliera
Azienda Ospedaliera S.G. Battista, Molinette di Torino*



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

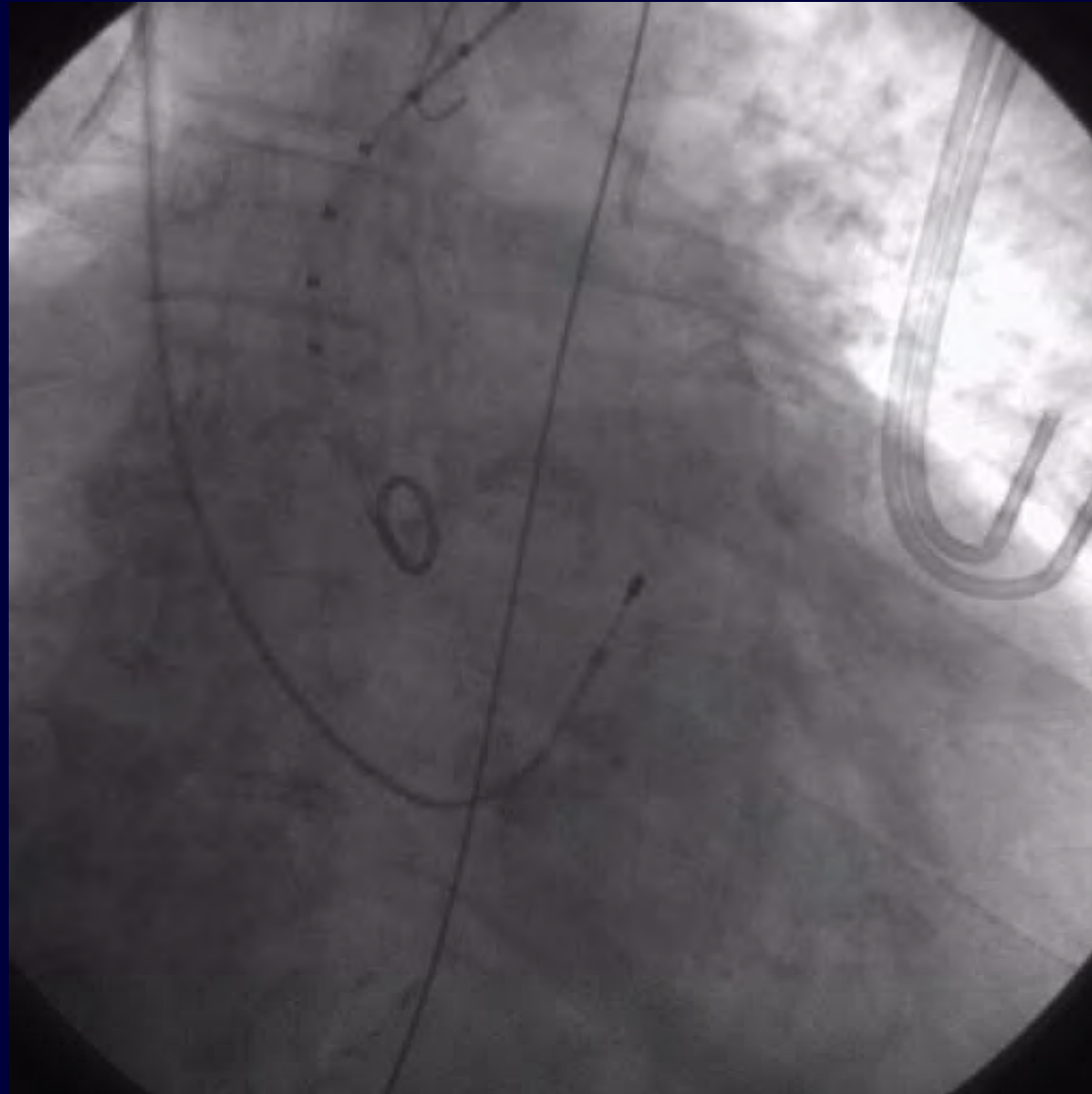
Euroscore

Logistic 67.52

Standard 16



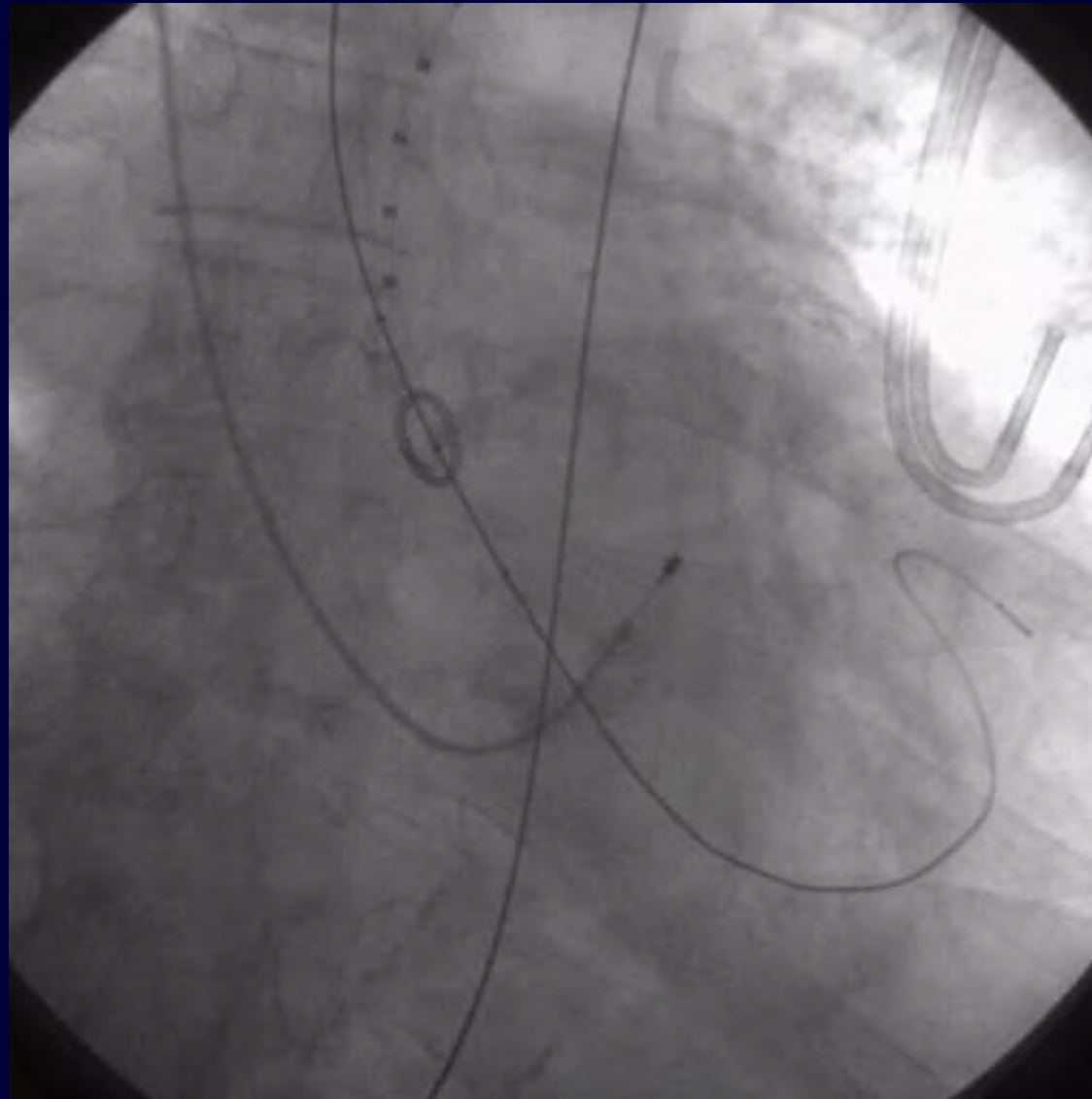
BRIEF CASE PRESENTATION 2



*Struttura Complessa di Cardiologia Ospedaliera
Azienda Ospedaliera S.G. Battista, Molinette di Torino*



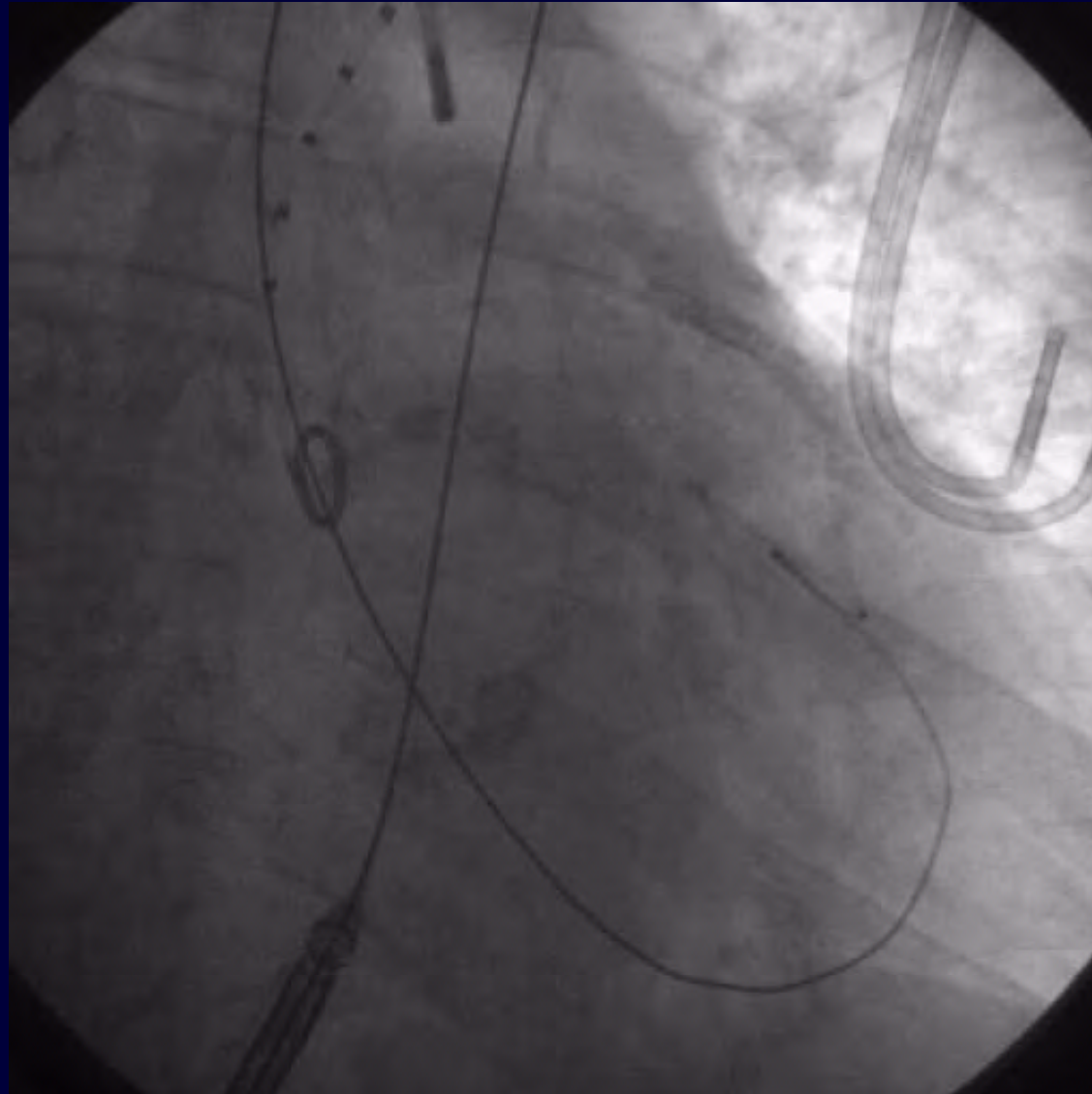
BRIEF CASE PRESENTATION 2



*Struttura Complessa di Cardiologia Ospedaliera
Azienda Ospedaliera S.G. Battista, Molinette di Torino*



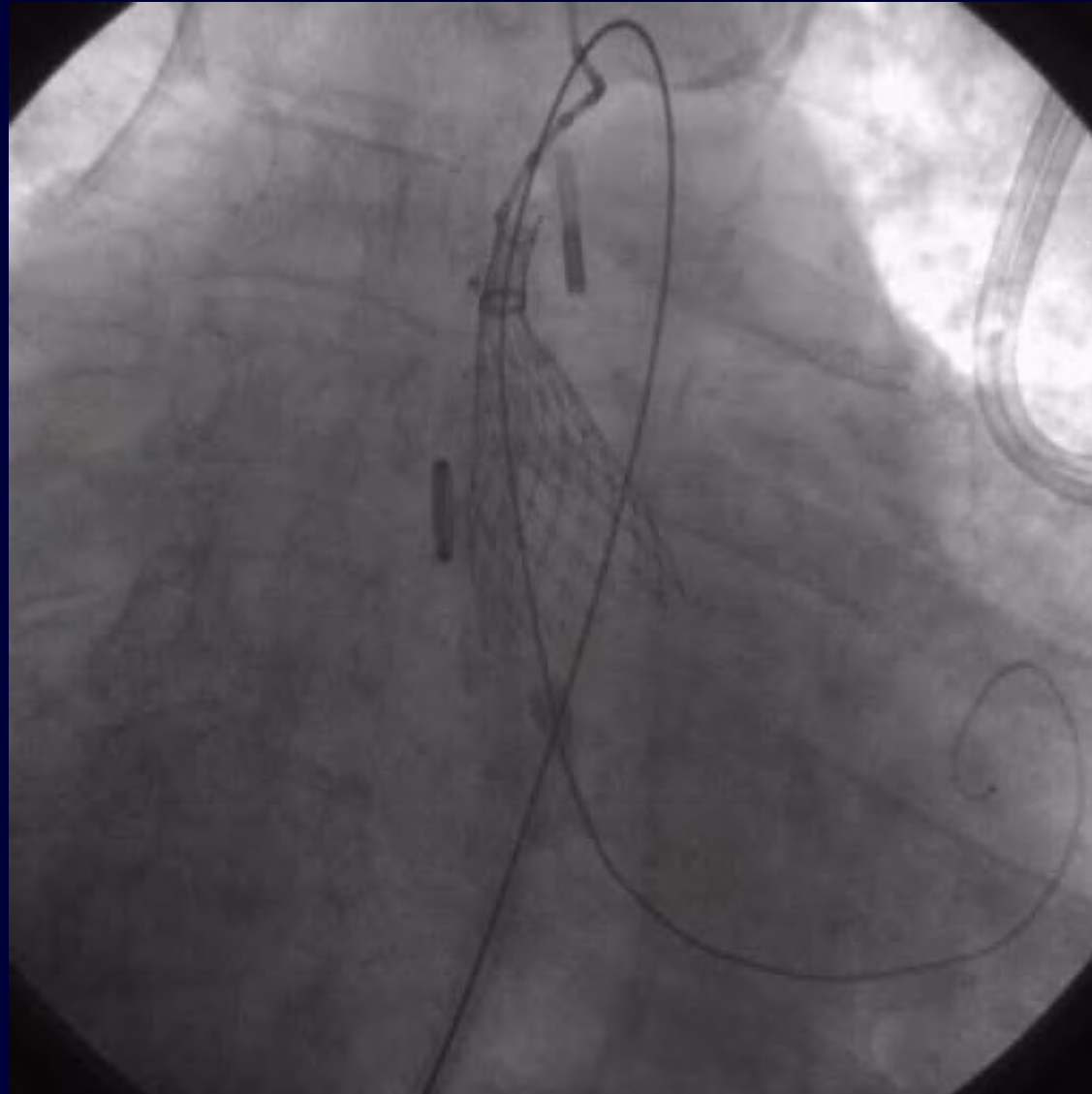
BRIEF CASE PRESENTATION 2



*Struttura Complessa di Cardiologia Ospedaliera
Azienda Ospedaliera S.G. Battista, Molinette di Torino*



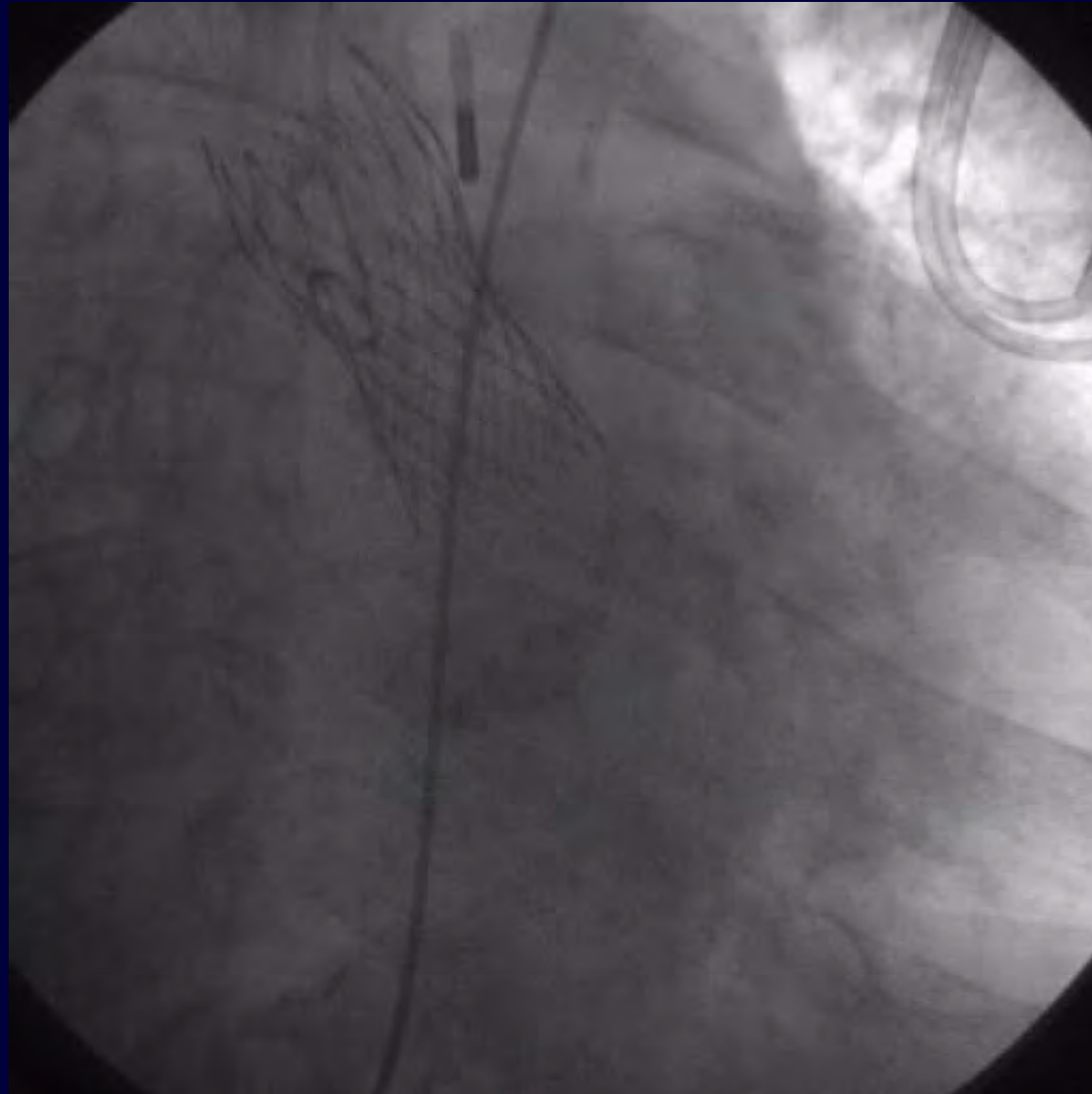
BRIEF CASE PRESENTATION 2



*Struttura Complessa di Cardiologia Ospedaliera
Azienda Ospedaliera S.G. Battista, Molinette di Torino*



BRIEF CASE PRESENTATION 2



*Struttura Complessa di Cardiologia Ospedaliera
Azienda Ospedaliera S.G. Battista, Molinette di Torino*



BRIEF CASE PRESENTATION 2

Good hemodynamics performance

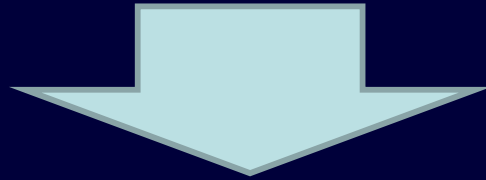
40 days hospitalization in intensive care unit

Diffuse cerebral ischemia

Final exitus



Where's the difference?



Patients selection

