

How to Create an **AP** Window (OOPS) and Survive



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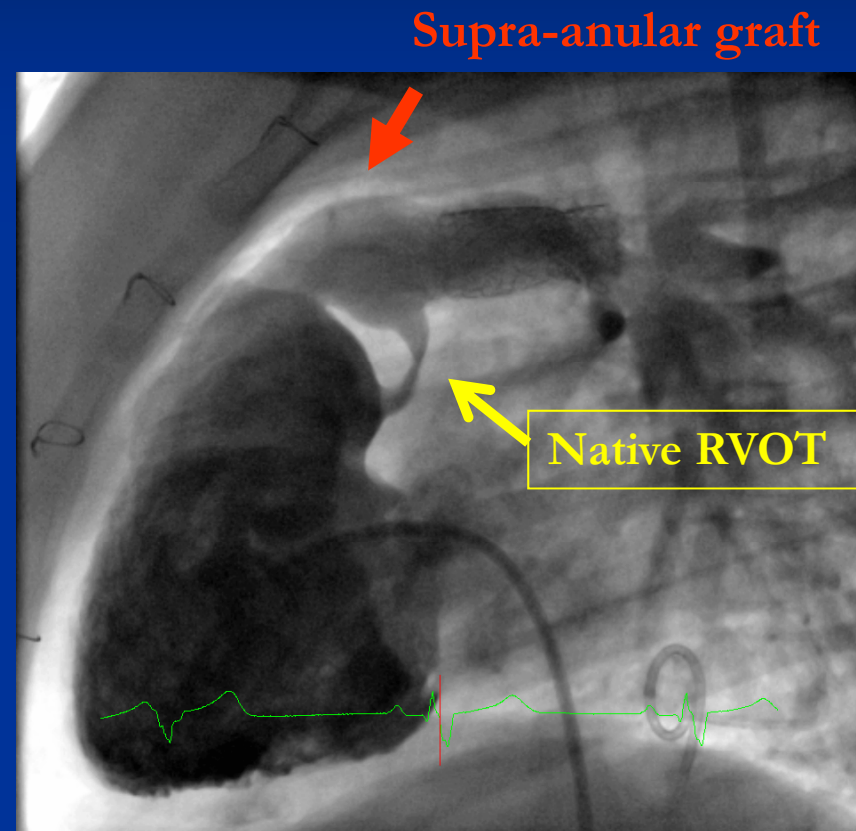
Tampa, FL. USA

History

- 12 yo female with Partial DiGeorge Syndrome
- 35 week gestational age Ex-premie
- Diagnosis:
 - TOF
 - Single RCA with LAD crossing the RVOT
 - Right Aortic arch with aberrant left subclavian artery
 - Severe Branch PA hypoplasia

History

- S/P TOF Repair (age 7 weeks)
 - VSD closure
 - **“Supra-anular RVOT graft”** with monocusp Goretex valve
 - Branch pulmonary arterioplasty
 - Aortoplasty for “redundant” aorta



History

- S/P Bilateral PA stent implantation using 7 mm Genesis PM (age 6 months)
- S/P Stent redilation x 2 (age 2 yo & 6 yo)
- S/P Interposition 14mm x 26mm ev3 LPA stent implantation (age 10 yo)

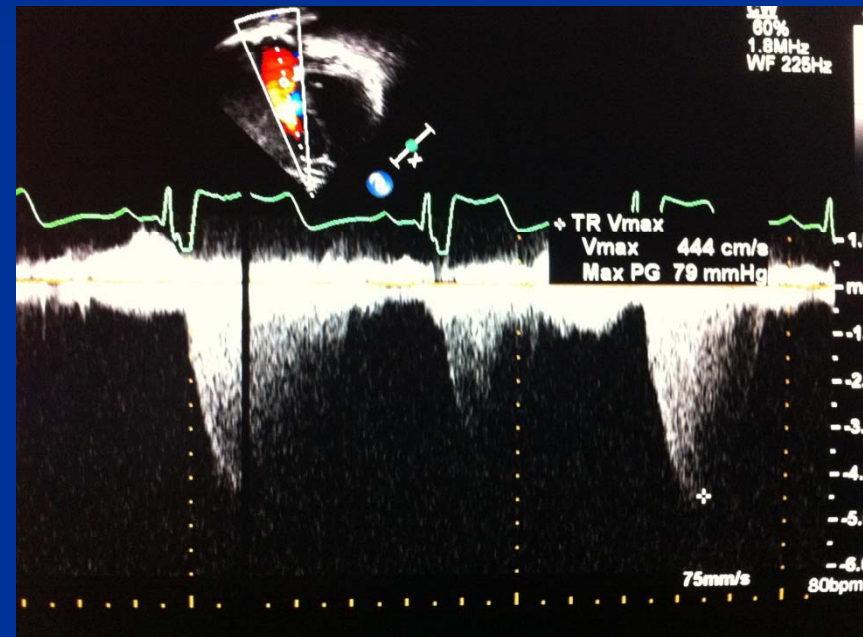
Clinical Presentation

■ Lung Perfusion scan :

- RPA= 31 %
- LPA= 69 %

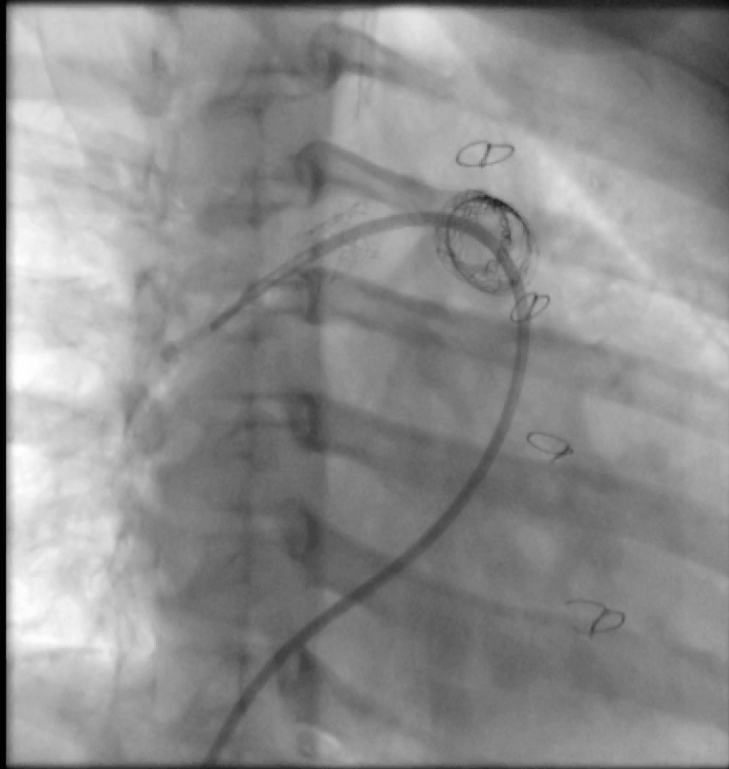
■ Echocardiogram:

- Dilated & hypertrophied
- Mild RV dysfunction
- 1+ TR
- $RV_p > 3/4$ Systemic

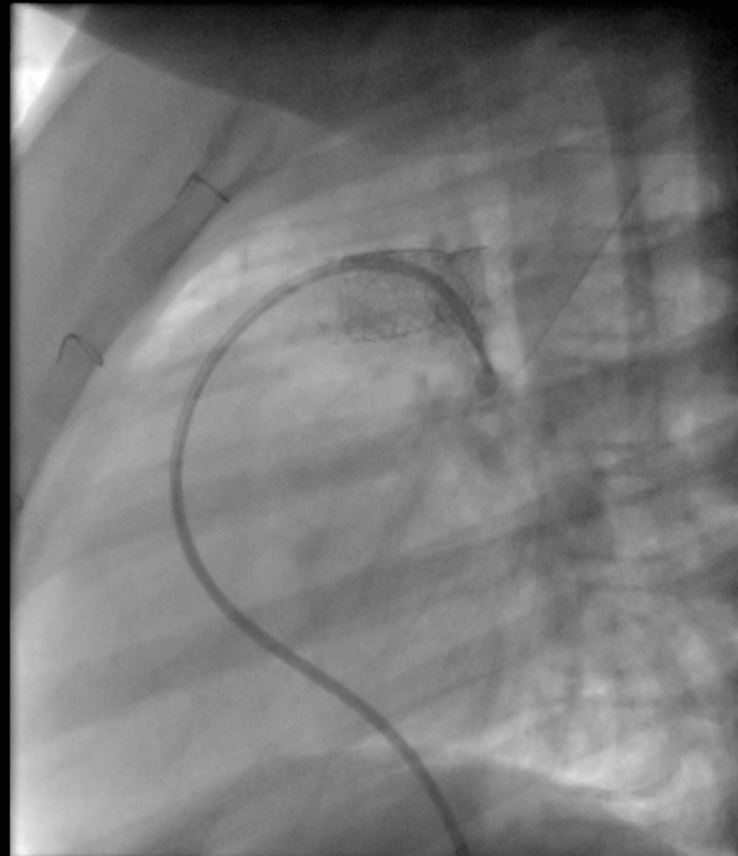


RPA Angiogram

Lossy Compression - not intended for diagnosis

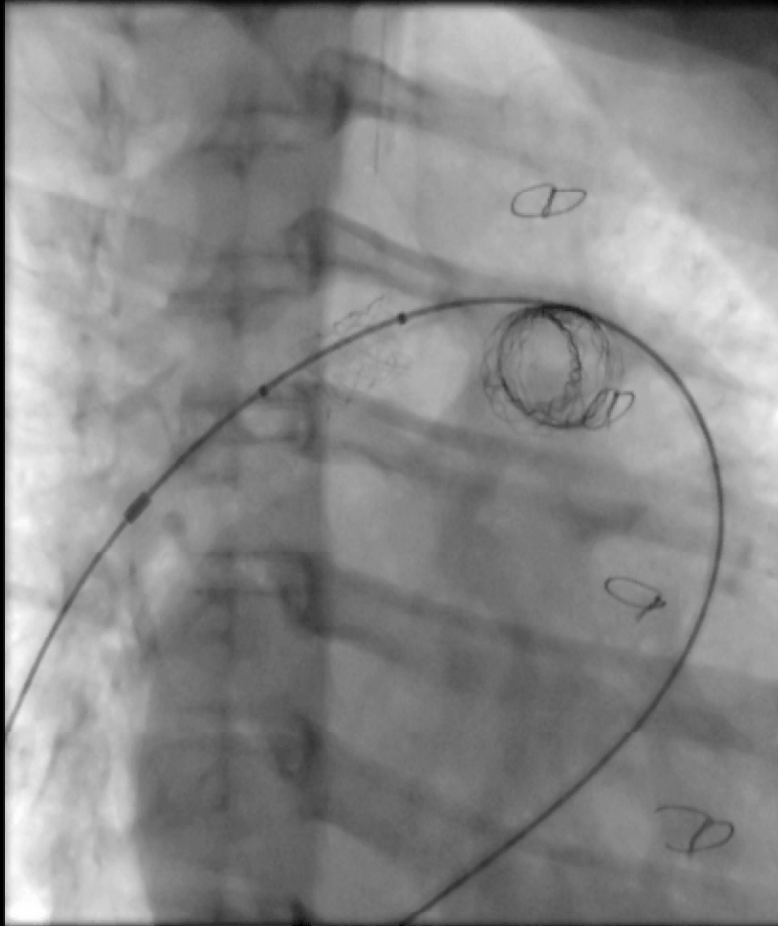


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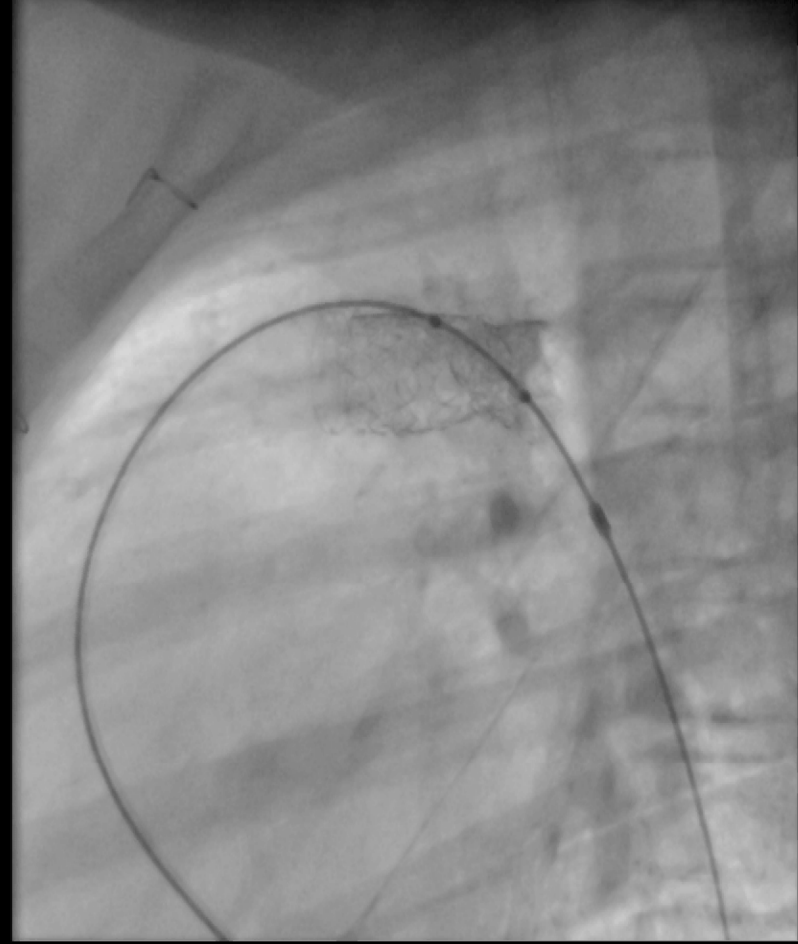


12mm x 2cm Atlas Balloon

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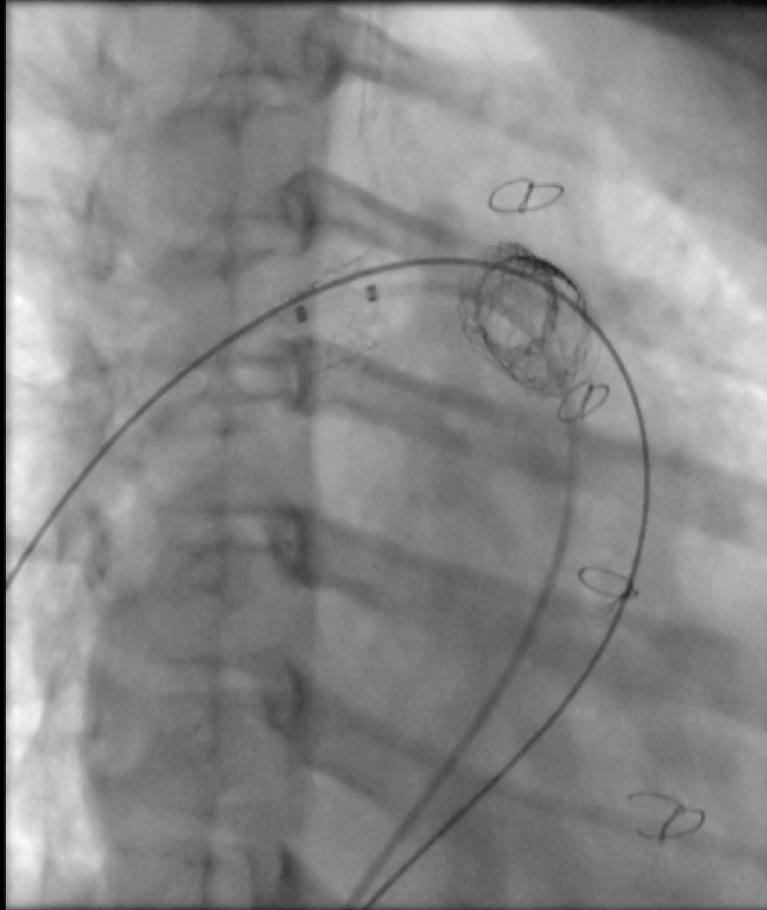


Lossy Compression - not intended for diagnosis

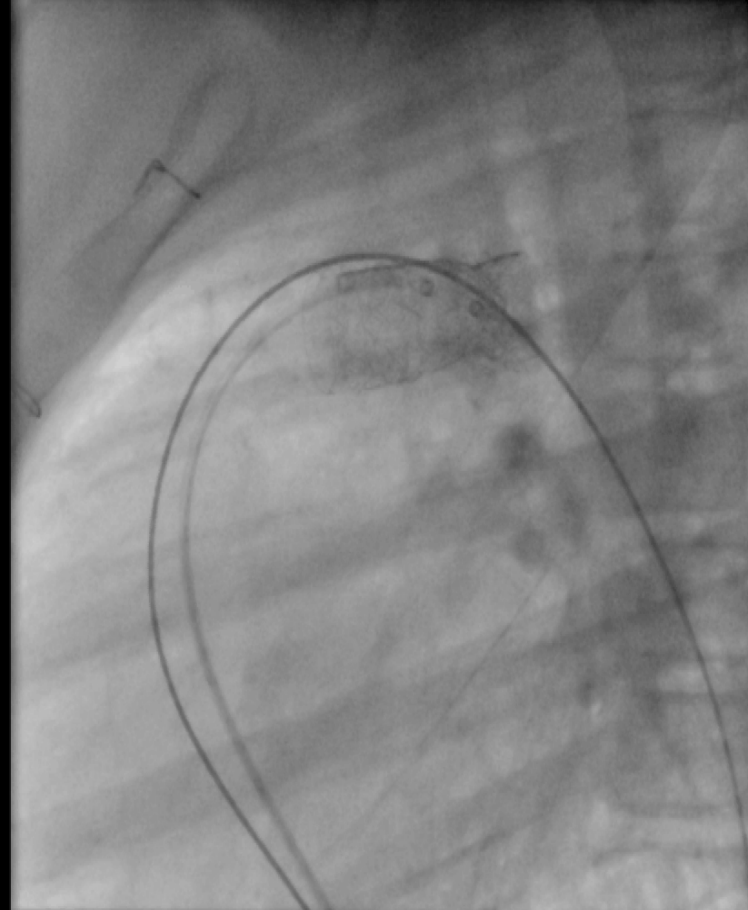


Post Dilation RPA Angiogram

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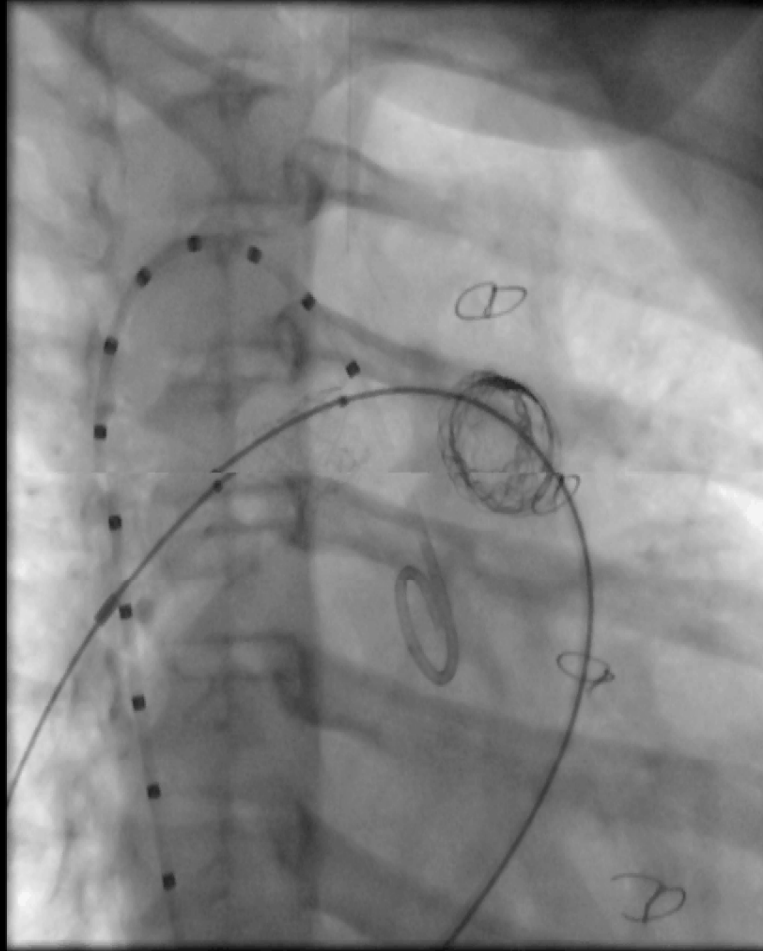
Lossy Compression - not intended for diagnosis



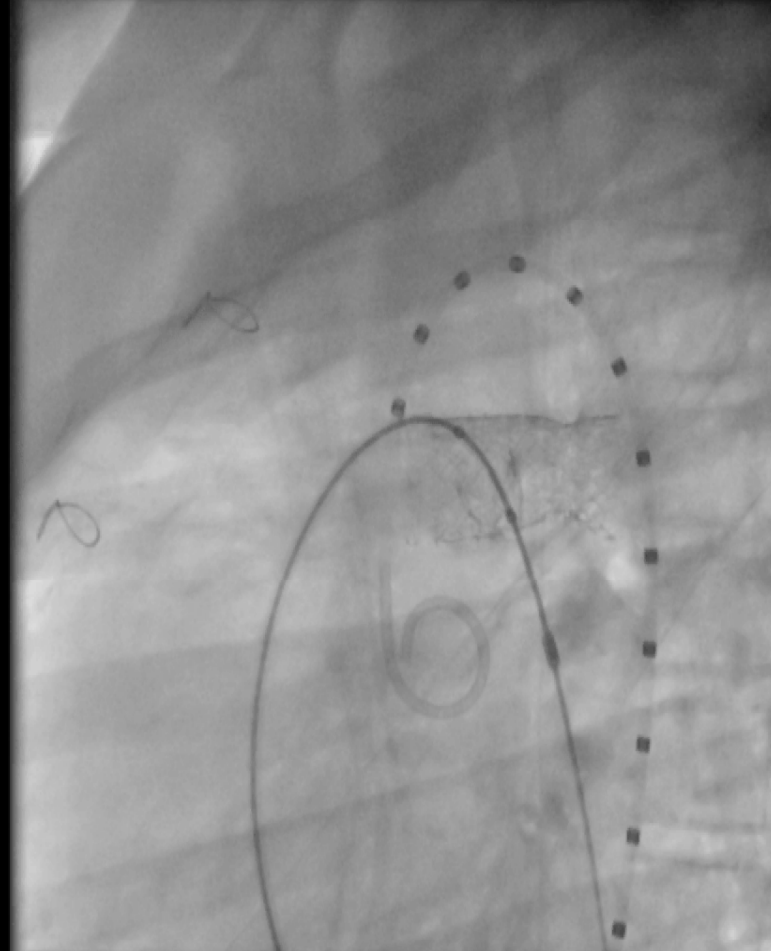
Aortogram

BP=96/57

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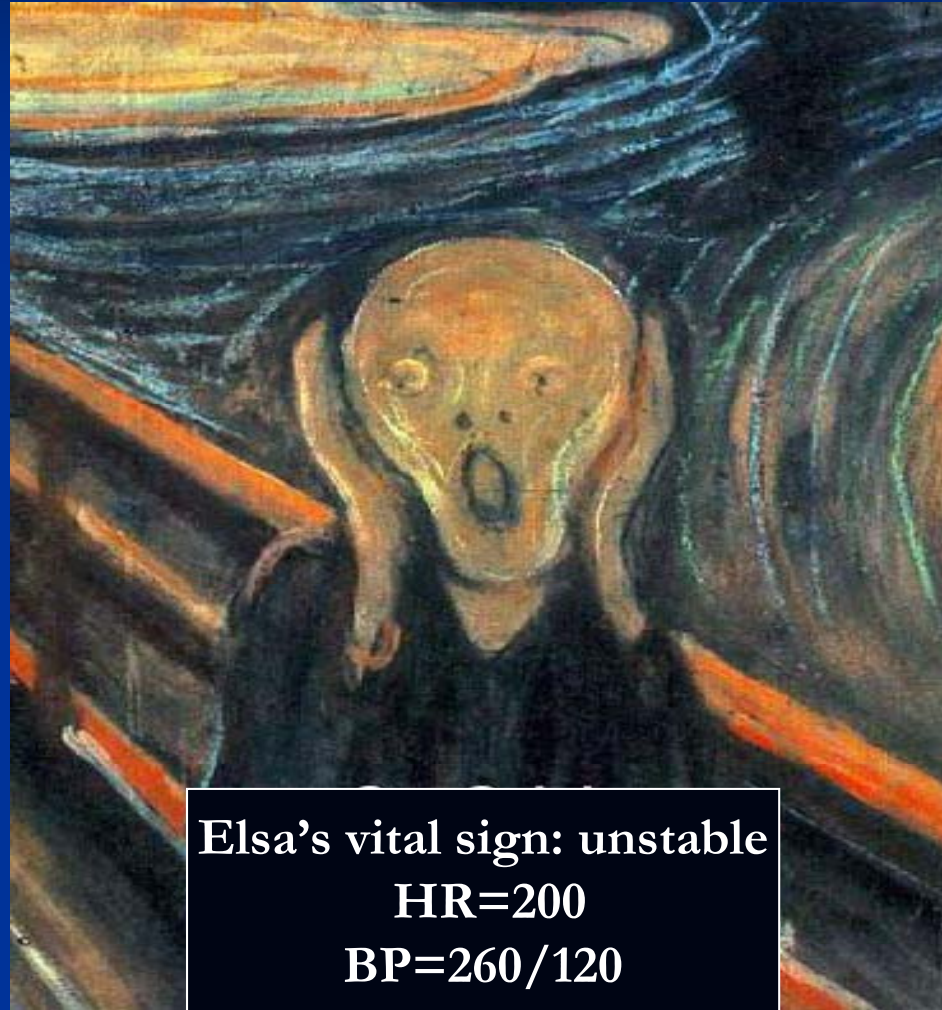


Lossy Compression - not intended for diagnosis



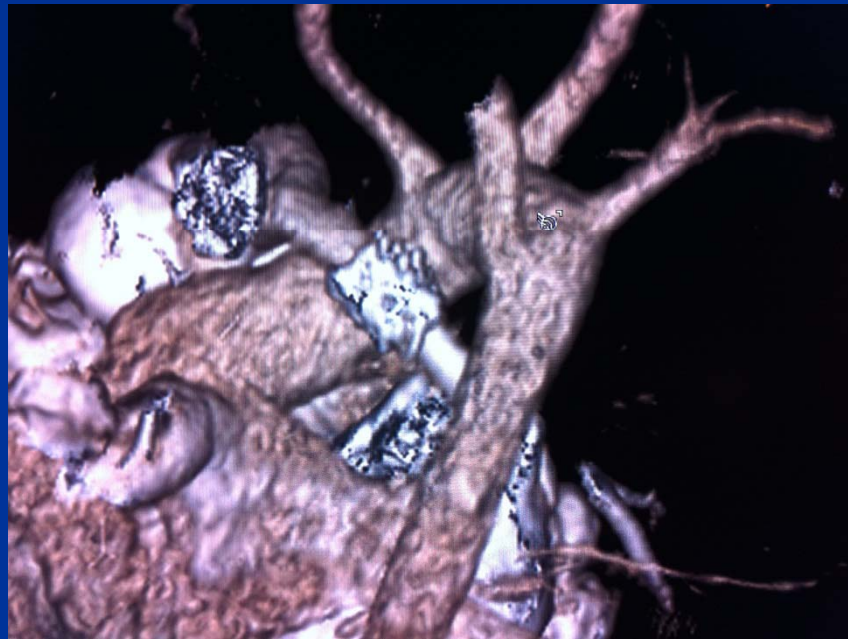
NO SURGEON in HOUSE:

@@#@###!!!



Elsa's vital sign: unstable
HR=200
BP=260/120

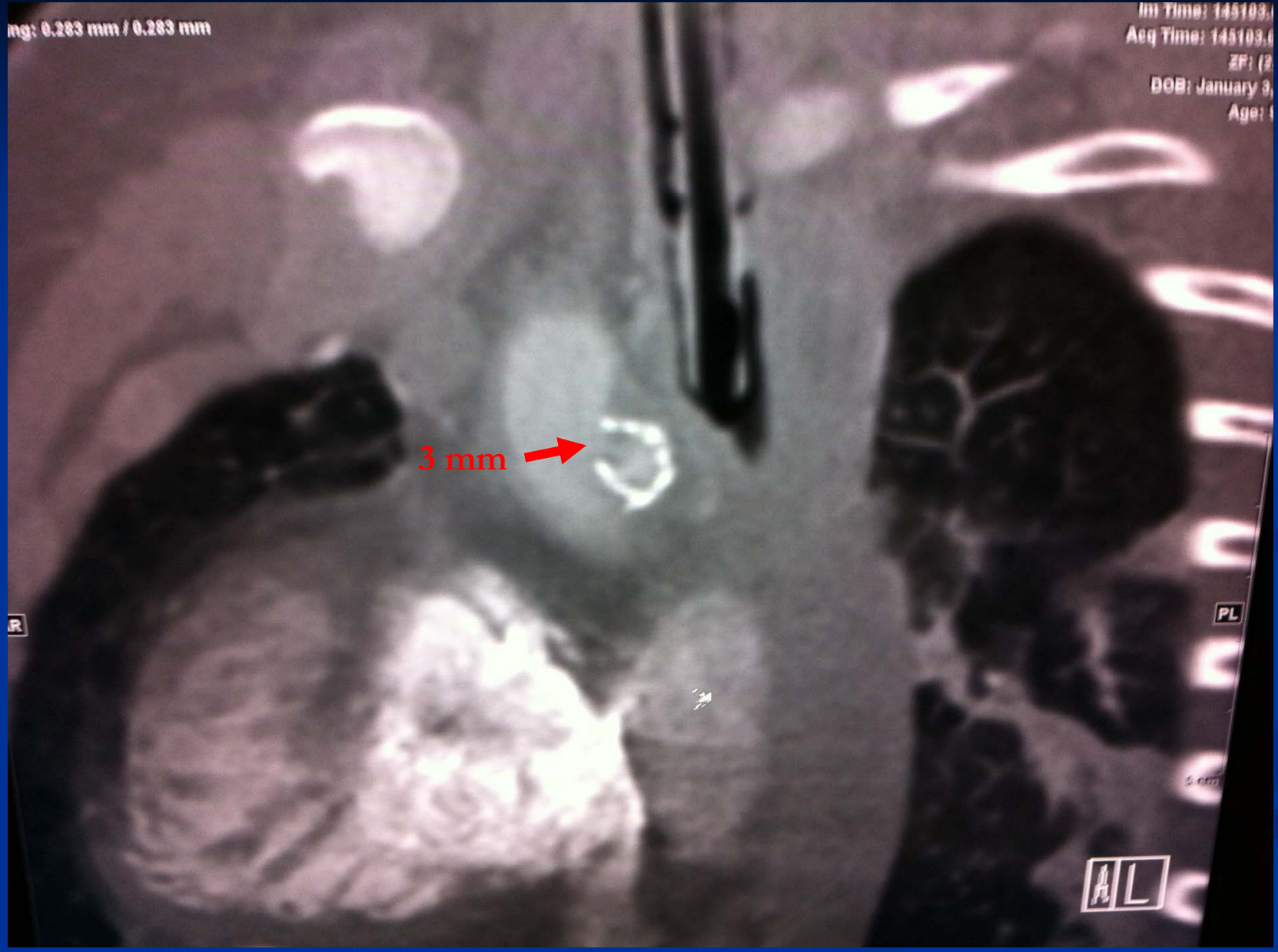
Emergency CT Angiogram



ing: 0.283 mm / 0.283 mm

Im Time: 145103.0
Acq Time: 145103.0
ZF: (2
DOB: January 3,
Age: 1

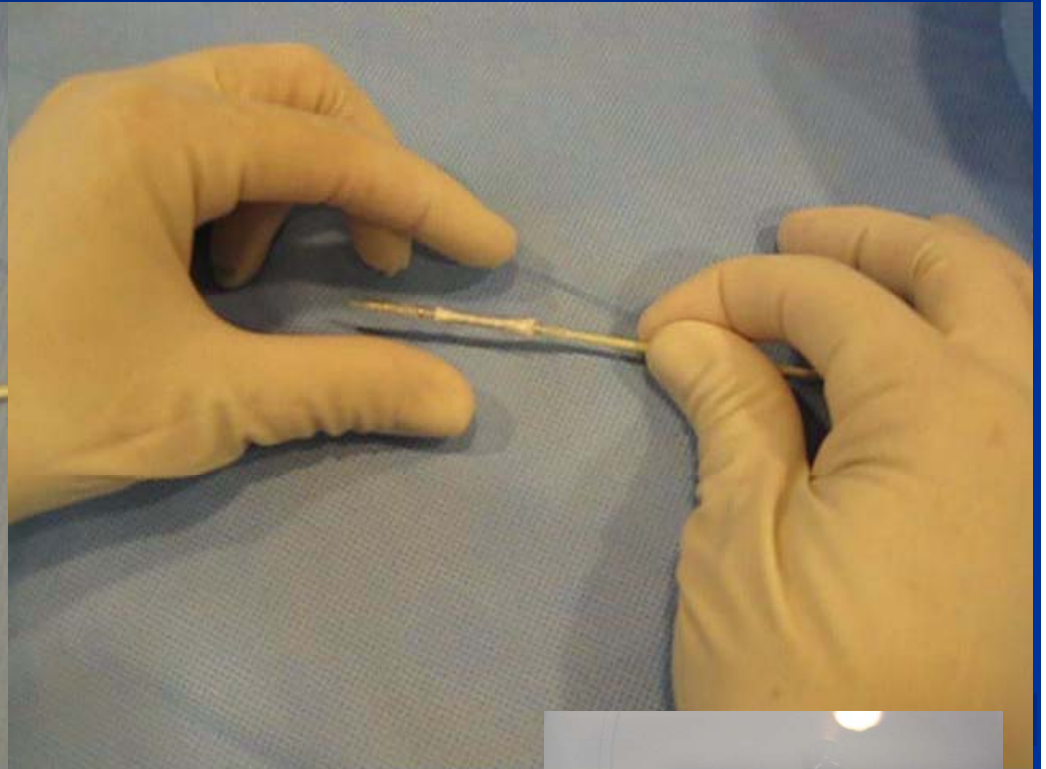
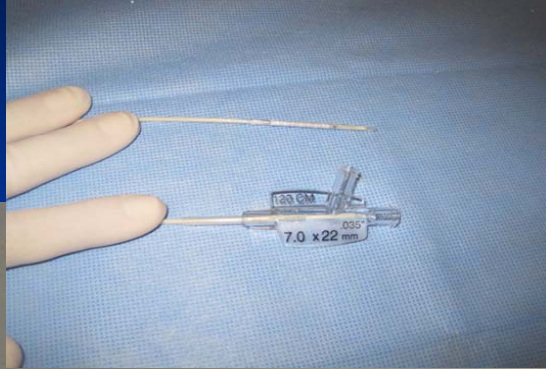
3 mm →



Cast covered stent by Atrium

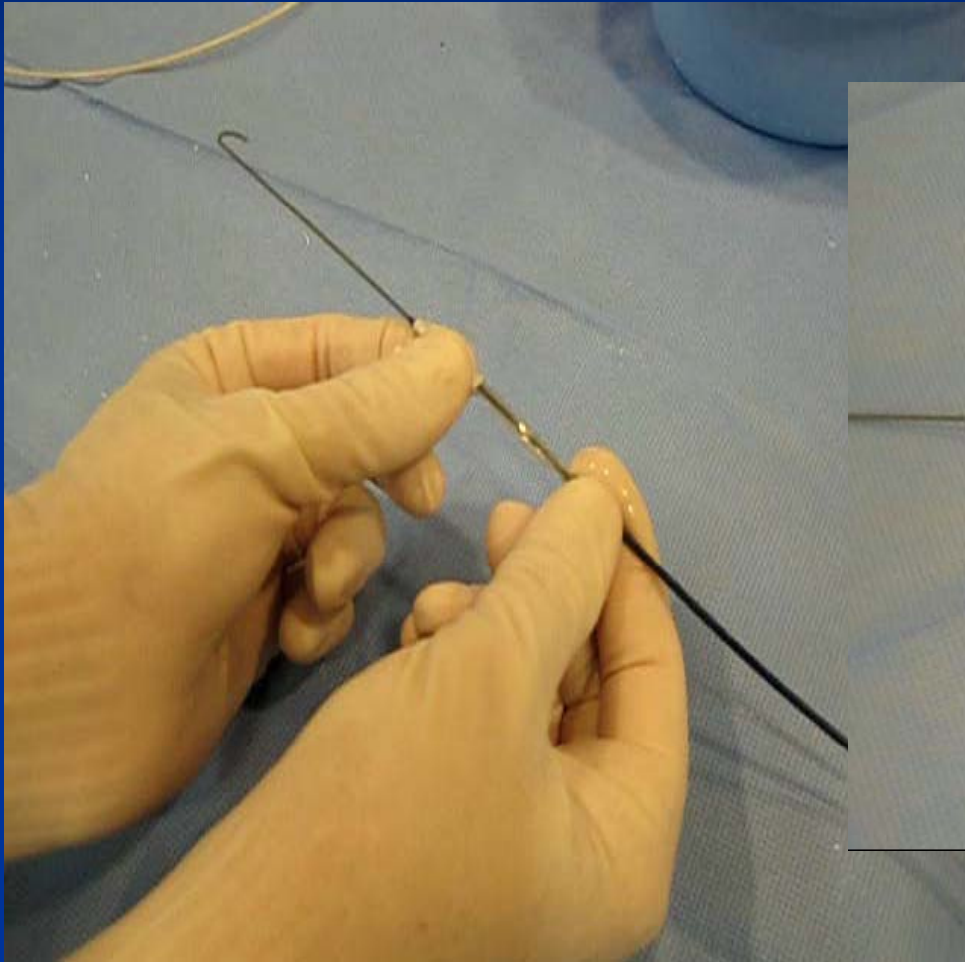
5x16	5x22	5x38	5x59
6x16	6x22	6x38	6x59
7x16	7x22	7x38	7x59
		8x38	8x59
		9x38	9x59
		10x38	
			12x59

7x22 Atrium Covered Stent

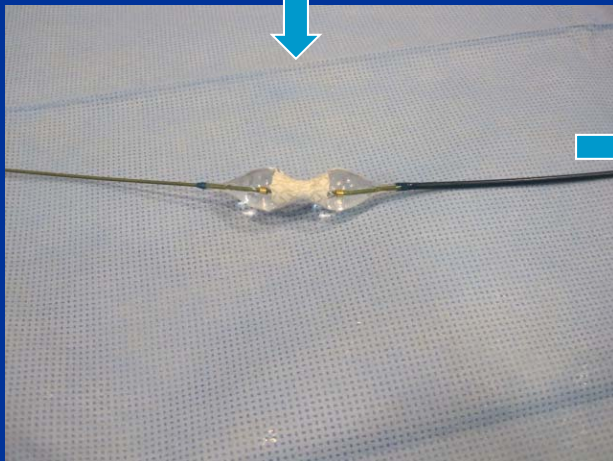
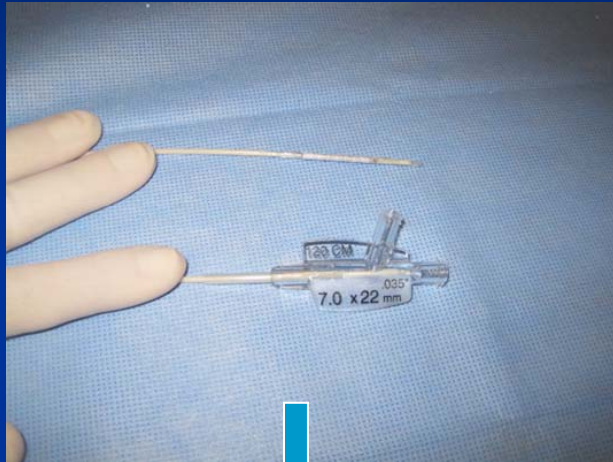




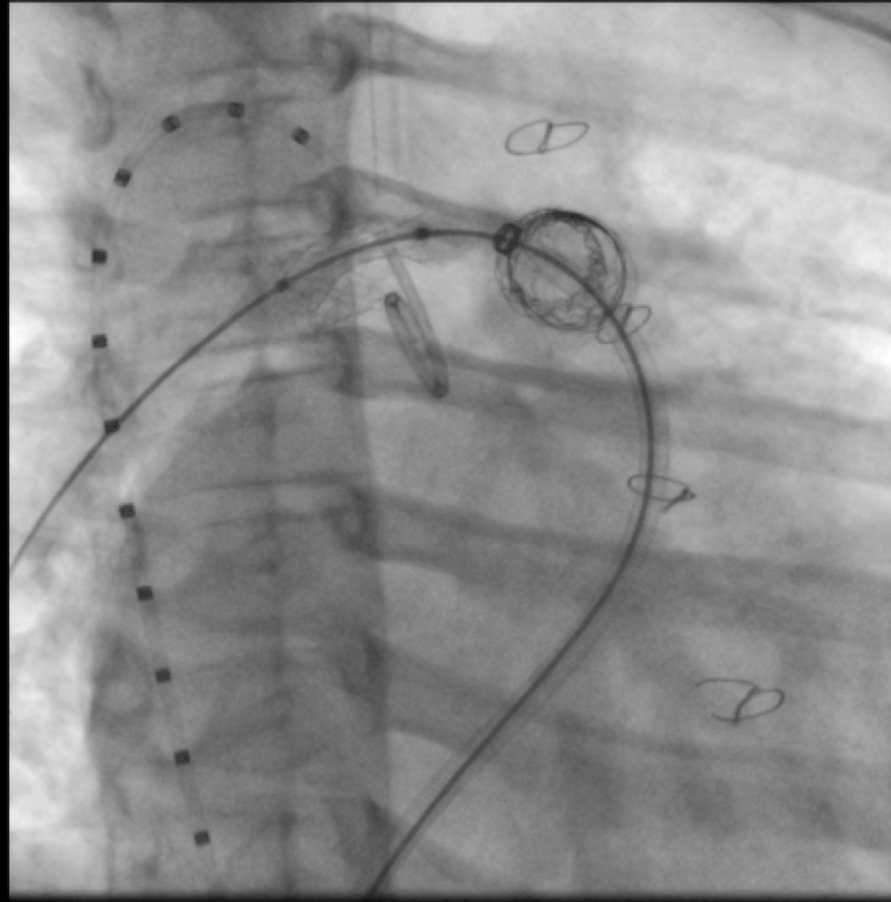
Remount onto 12x2 Powerflex



7x22 becomes 12x12mm

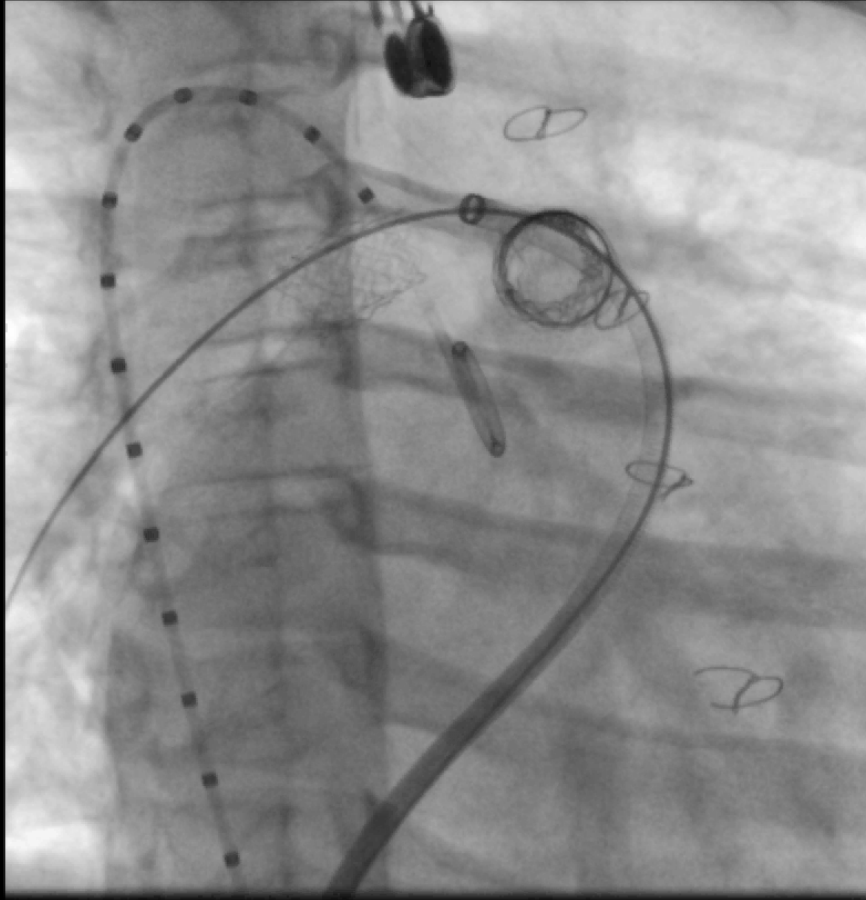


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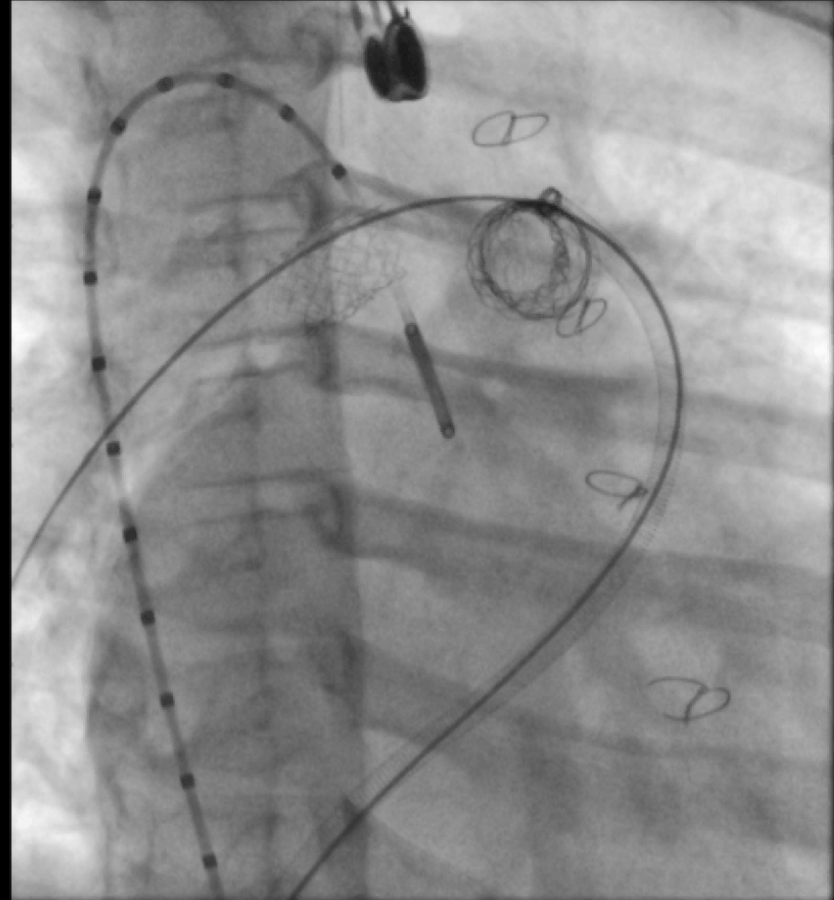


Post covered Stent Deployment

Lossy Compression - not intended for diagnosis



Lossy Compression - not intended for diagnosis



I Survived Dr. Suh !

