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HERZ-KREISLAUF-FORSCHUNG E.V.




UNIVERSITÄTSmedizin.
MAINZ


A challenging case of transcatheter aortic valve

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Male, 66 y.o.

Paroxysmal Afib

PAD St. IIb

TEA of the A. fem. Com. and A. prof. fem. Right 03/16

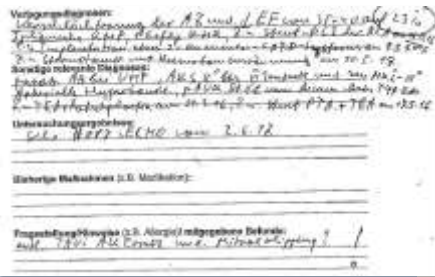
Stent-PTA AIE left, TEA of the A. fem. Com., prox. A. fem. Sup. 05/16

No femoral pulse either side

No radial pulse either side

Smoker, 50py (08/2017)

aHT, HLP



CRT-implantation 09.05.2017

Hemothorax, surgical drainage 10.05

02.06.2017: worsening of dyspnea.

TTE: LVEF-Reduction from (previously known) 35-40% to 23%. RWM ?


„High-grade AS“

CT 06.06.2017: Multiple calcific/fibrotic plaques of both coronaries, mid-grade Stenosis of the RCA (70% angiographic), ulcerated lesions of the ascending aorta.




07.06.2017: Explorative Thoracotomy, decision not to perform surgery.





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1. Let go
2. Transapical TAVI
3. Transseptal TAVI
4. Coronary angiography???


„Severe AS“

Worsening LVEF (45 to 23% within 1 month)


1-Vessel CAD (RCA 70%)



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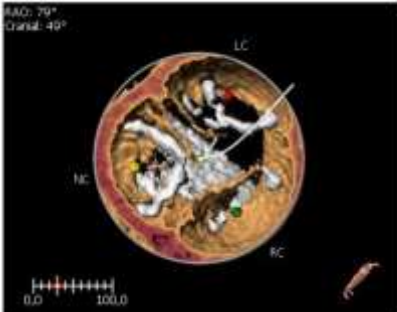


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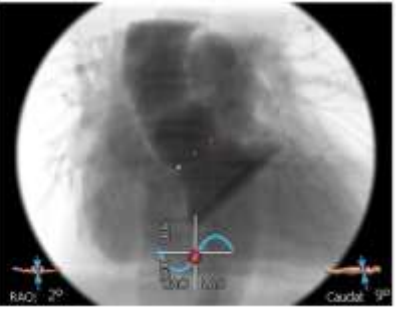
RAO: 76°
Cranial: 41°

System	View	Value	System	View	Value
1. Coronary Arteries (LAD)	Area (mm²)	22.2 mm²	2. Coronary Arteries (RCA)	Area (mm²)	22.0 mm²
	Area (mm²)	22.2 mm²		Area (mm²)	22.0 mm²
	Area (mm²)	22.2 mm²		Area (mm²)	22.0 mm²
3. Aorta	Area (mm²)	35.1 mm²	4. Aorta	Area (mm²)	35.1 mm²
	Area (mm²)	35.1 mm²		Area (mm²)	35.1 mm²
	Area (mm²)	35.1 mm²		Area (mm²)	35.1 mm²
Pericardial Area (mm²)	254.4 mm²	Pericardial Area (mm²)	254.4 mm²		
Area (mm²)	254.4 mm²	Area (mm²)	254.4 mm²		
Area (mm²)	254.4 mm²	Area (mm²)	254.4 mm²		



RAO: 79°
Cranial: 49°

0.0 100.0



RAO: 79°
Caudal: 79°