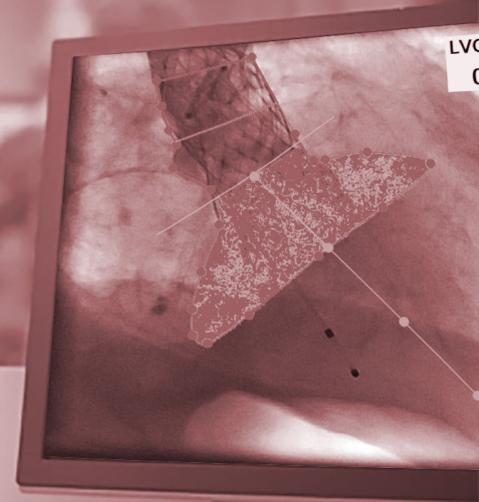


Caas A-valve



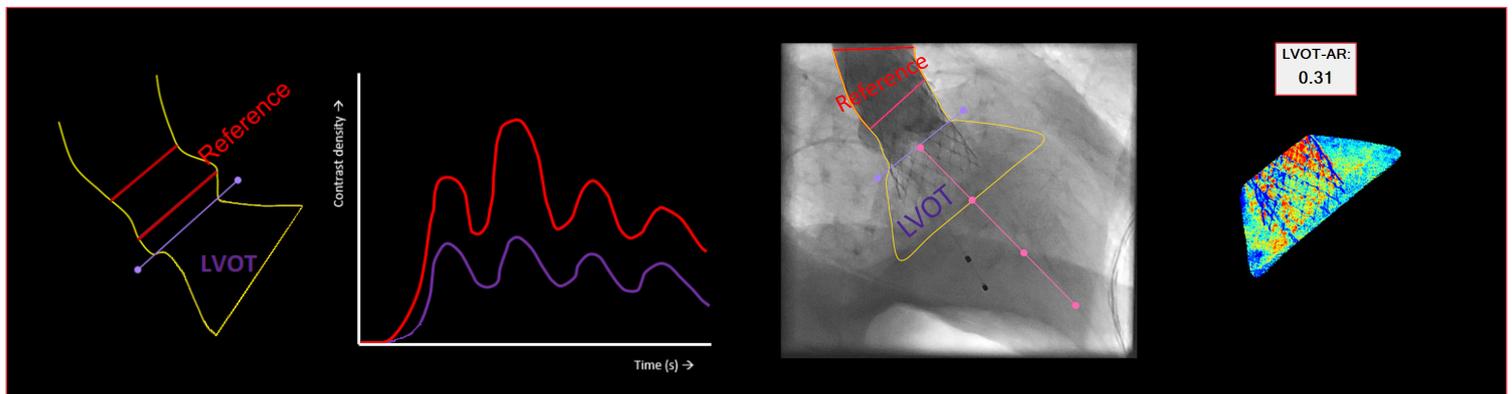
“Evaluation and quantification of aortic regurgitation directly after valve placement in the cathlab”



Introduction

Caas A-valve assists the physician in the evaluation and quantification of aortic regurgitation after transcatheter valve replacement. The amount of regurgitation is quantified using the regurgitation index, LVOT-AR.

The LVOT-AR is based on the contrast density in the aortic root and left ventricle. Additionally, a dynamic color map visualizes the severity and extend of the regurgitation.



Why?

- Objective aortic regurgitation (AR) evaluation after TAVR in the cathlab
- Cut-off value of 0.17, potential indicator for 1 year event rate ^[1]
- Fast and robust workflow – easy and reproducible
- Directly connected with any X-ray system

[1] Tateishi, H. et al. (2016). Video densitometric assessment of aortic regurgitation after transcatheter aortic valve implantation: results from the Brazilian TAVI registry. EuroIntervention : journal of EuroPCR, 11(12), 1409–1418. <https://doi.org/10.4244/EIJV11112A271>

Quality Assurance:

Pie Medical Imaging develops, produces and sells products in accordance with international accepted standards. Caas A-Valve is FDA 510(k) cleared and CE marked.



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