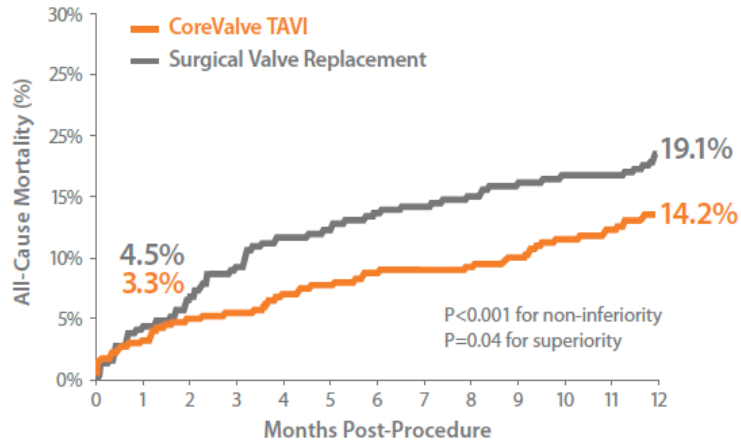
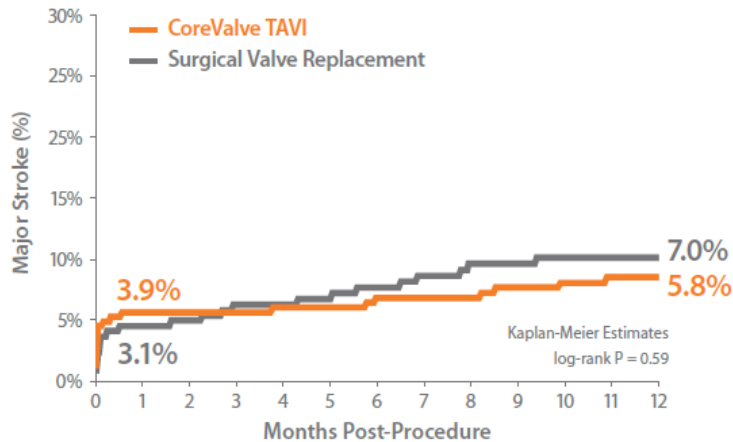


CoreValve High Risk Study - Neu



High Survival

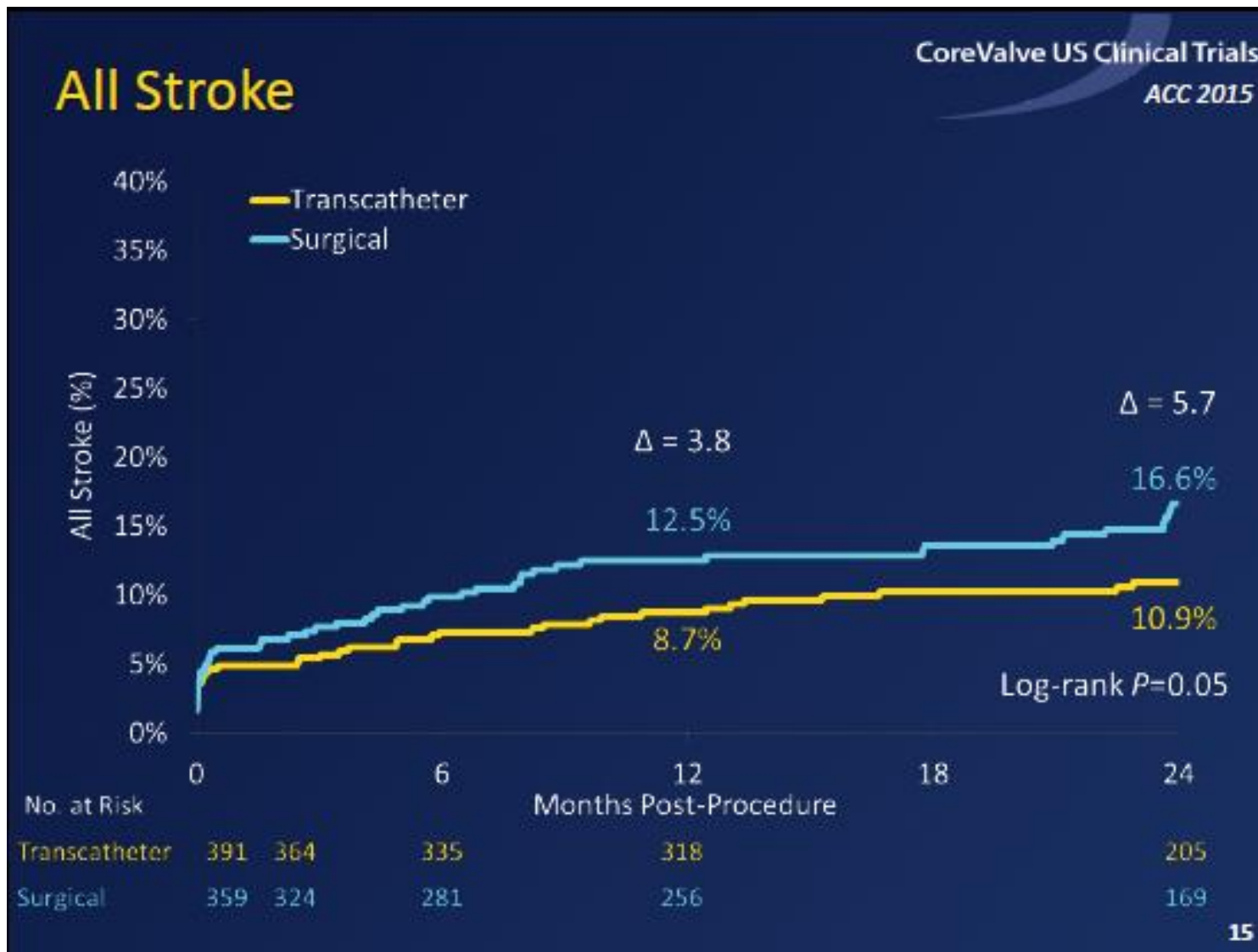
At one year, CoreValve TAVI significantly outperforms surgical valve replacement.



Low and Stable Stroke Rate

Prospectively assessed, stroke rates are comparable to surgical valve replacement, due in part to the CoreValve self-expanding frame and low 18Fr delivery profile.

CoreValve US Pivotal Trial



Stroke incidence and mortality after TAVI

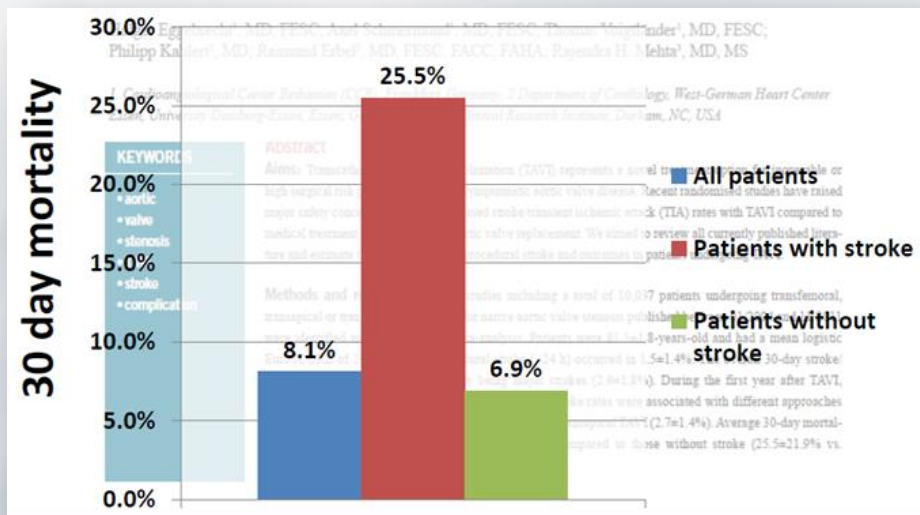
Meta-analysis of 10,037 published patients

Stroke remains a major TAVI complication...

Table 3. Incidence of stroke.

	Number of publications with available data (n)	Overall number of patients with available data (n)	Number of events (n)	Weighted mean±SD
Procedural stroke (<24h)	24	3041	47	1.5±1.4%
30-day stroke/TIA	53	10037	334	3.3±1.8%
30-day major stroke	42	5514	158	2.9±1.8%
30-day minor stroke/TIA	42	5514	53	1.0±1.3%
30-day overall mortality	52	10022	812	8.1±3.9%
30-day mortality in patients suffering stroke	29	4430	41	25.5±21.9%
30-day mortality in patients without stroke	29	4430	312	6.9±4.2%
6-month stroke	9	669	29	4.3±1.6%
12-month stroke	7	1507	78	5.2±3.4%

...which increases 30-day mortality >3 fold



Stroke incidence and mortality after TAVI

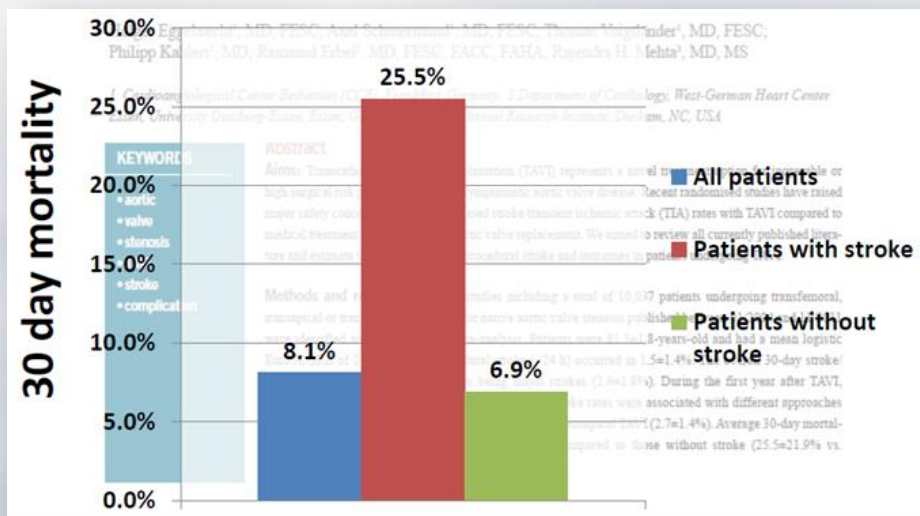
Meta-analysis of 10,037 published patients

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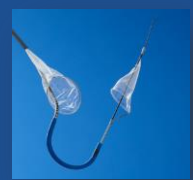
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Embolec debris captured during TAVI procedures at AK St Georg (Hamburg)



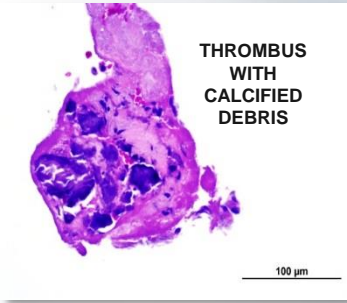
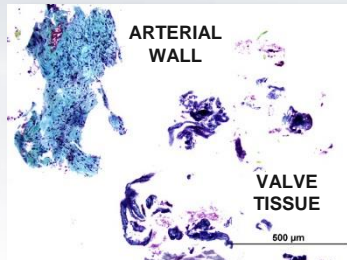
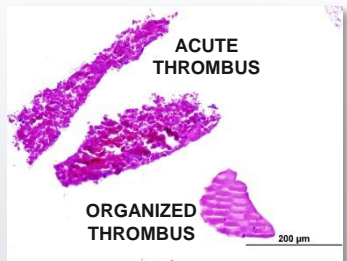
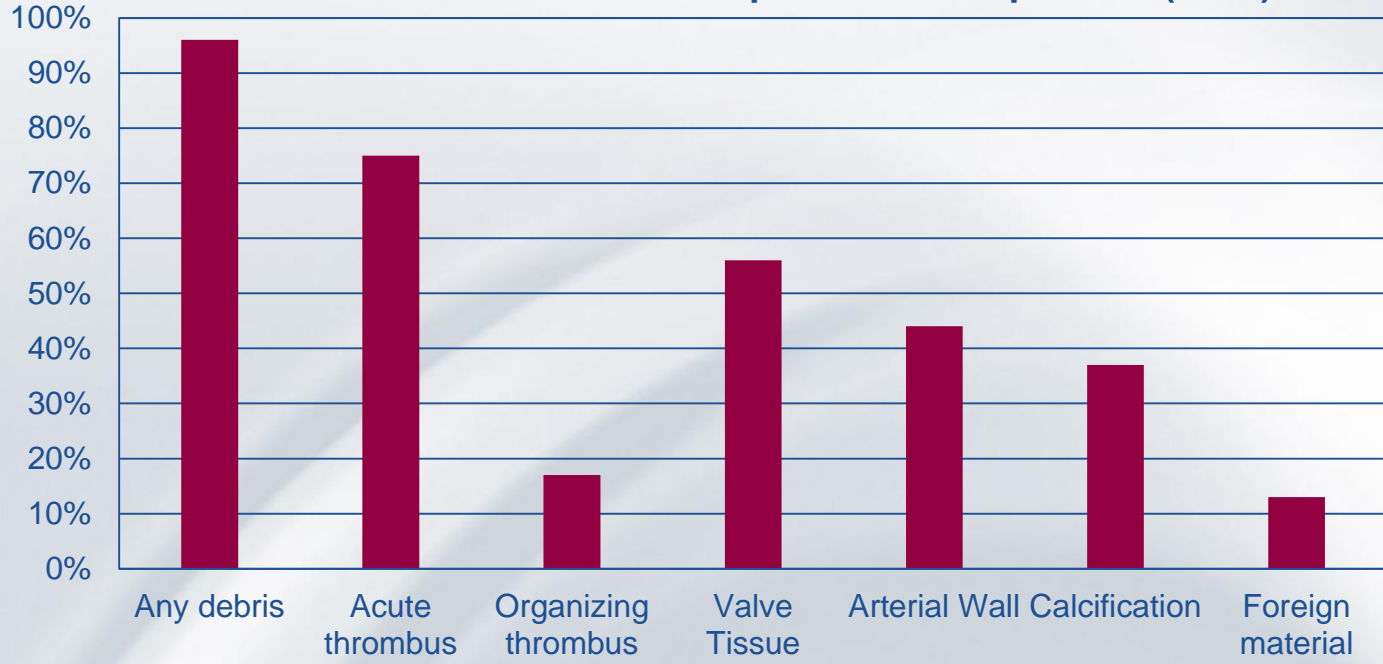
52 cases of TAVI using Claret Medical Cerebral Protection System performed at AK St Georg (Hamburg)

Sapien/XT	S3	CoreValve	Jena	Portico	Centera
27 (52%)	11 (21%)	9 (17%)	2 (4%)	2 (4%)	1 (2%)

Filter contents subsequently analyzed by CVPPath Institute

- Debris captured in 96% of patients

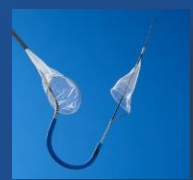
Cerebral embolic debris captured in TAVI patients (n=52)



Note: percentages reflect percent of patients in each group in which each particular tissue type was captured. Some filters captured several types of debris, so percentages will not add to 100%

1. Schmidt T, Schaefer U, Sanchez O, et al DGK 2015. CVPPath Institute data on file at Claret Medical.

Embolitic debris captured by valve type during TAVI procedures at AK St Georg (Hamburg)



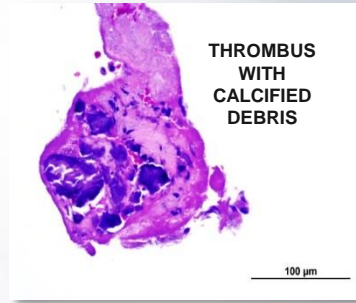
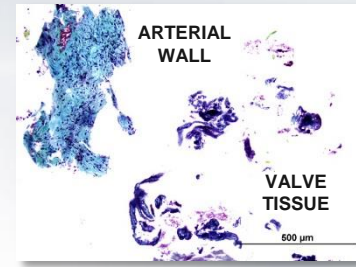
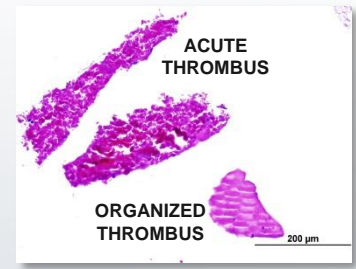
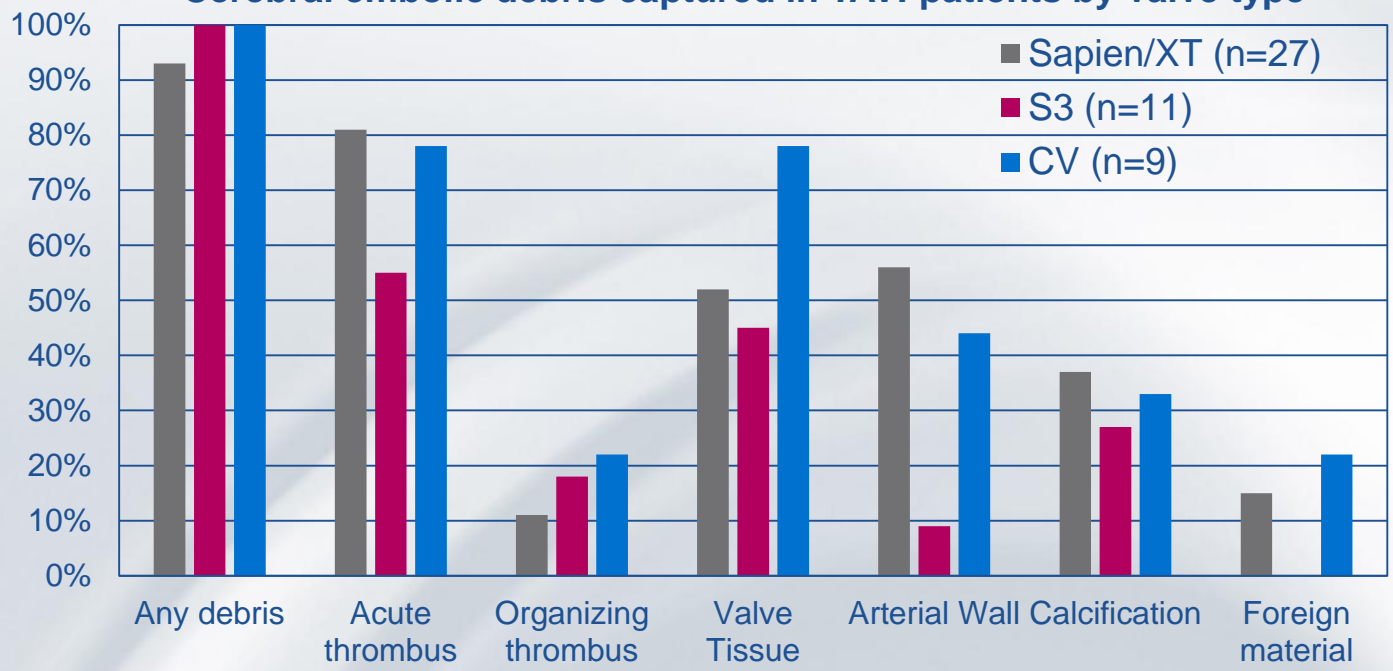
52 cases of TAVI using Claret Medical Cerebral Protection System performed at AK St Georg (Hamburg)

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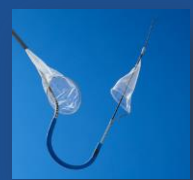
Cerebral embolic debris captured in TAVI patients by valve type



Note: percentages reflect percent of patients in each group in which each particular tissue type was captured. Some filters captured several types of debris, so percentages will not add to 100%

1. Schmidt T, Schaefer U, Sanchez O, et al DGK 2015. CVPPath Institute data on file at Claret Medical.

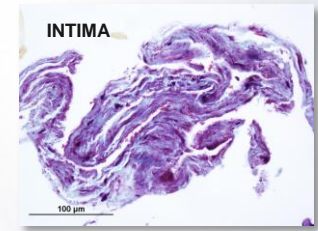
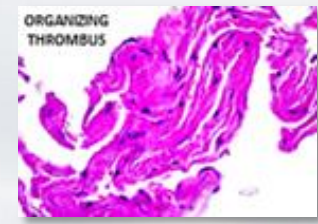
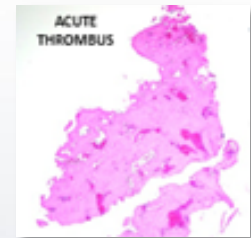
Embololic debris captured during LAA closure procedures by Claret Medical Cerebral Protection Systems



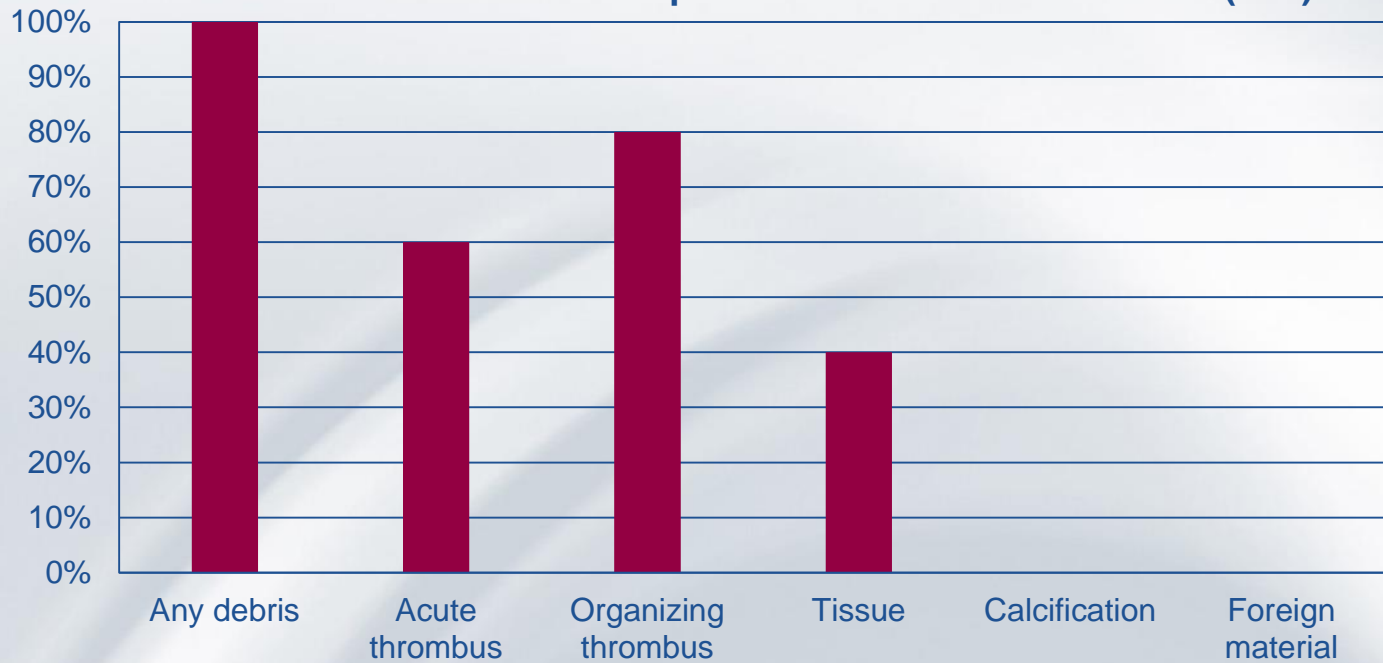
5 cases of LAA closure (Watchman and Amplatzer) using Claret Cerebral Protection Systems

Filter contents subsequently analyzed at CVPPath Institute

- **Debris captured in 100% of patients**
- Debris includes acute thrombus and organizing thrombus, as well as endocardium and intimal tissue
- Debris differs from TAVR, as expected, in not including calcification or valve tissue



Cerebral embolic debris captured in LAA occlusion cases (n=5)



Note: percentages reflect percent of patients in the series in which each particular tissue type was captured. Some filters captured several types of debris, so percentages will not add to 100%

1. AK St Georg (Hamburg). CVPPath Institute data on file at Claret Medical

Emboic debris captured during MitraClip procedures by Claret Medical Cerebral Protection Systems



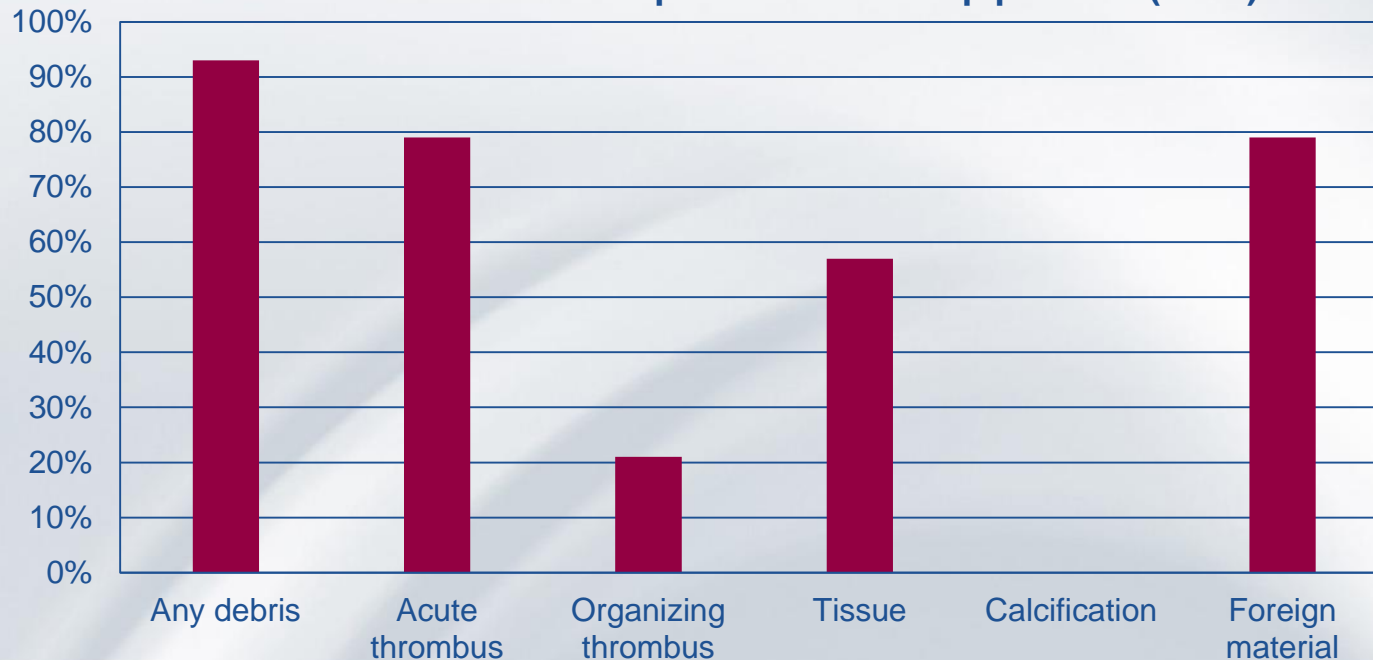
14 cases of MitraClip TMVR using Claret Medical Cerebral Protection System.

- Performed at AK St Georg (Hamburg) and University Hospital RWTH (Aachen)

Filter contents subsequently analyzed at CVPPath Institute

- Debris captured in 93% of patients
- Debris includes acute thrombus, despite short procedures and high ACT, organized thrombus, valve or artery tissue, and foreign material.
- Debris characterization differs from TAVR, as expected, in not including calcification.

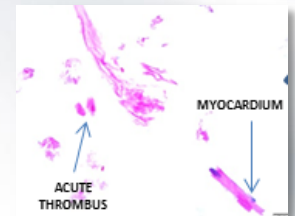
Cerebral embolic debris captured in MitraClip patients (n=14)



Note: percentages reflect percent of patients in the series in which each particular tissue type was captured. Some filters captured several types of debris, so percentages will not add to 100%

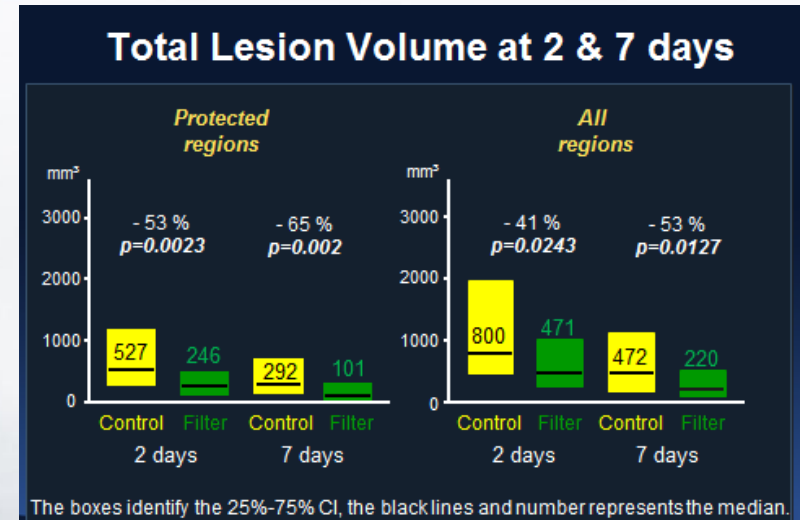
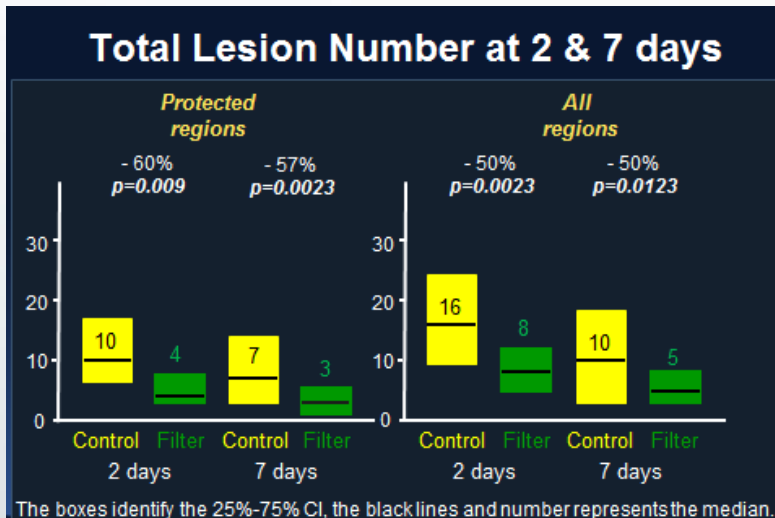
1. AK St Georg (Hamburg) and University Hospital RWTH (Aachen). CVPPath Institute data on file at Claret Medical

CAUTION: Investigational device. Limited to investigational use by United States law.



CLEAN-TAVI shows positive outcome

Claret Montage Cerebral Protection System significantly reduces new cerebral lesion number and volume at 2 & 7 days, as measured by DW-MRI.



Mechanistic Outcomes Summary

In patients with severe aortic stenosis who are at increased surgical risk, the use of **Claret Medical Montage™** dual filter cerebral protection system during TAVR significantly reduces the **number and volume of cerebral lesions** as determined by DW-MRI subtraction at 2 and 7 days after TAVR.