MICRO-MESH COVERED STENTS : Experience in Reggio Emilia *ITALY*

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Asymptomatic Carotid Surgery Trial (ACST-2)

Patient Selection

Anatomy Evaluation (CT)

Plaque Evaluation (ECD)

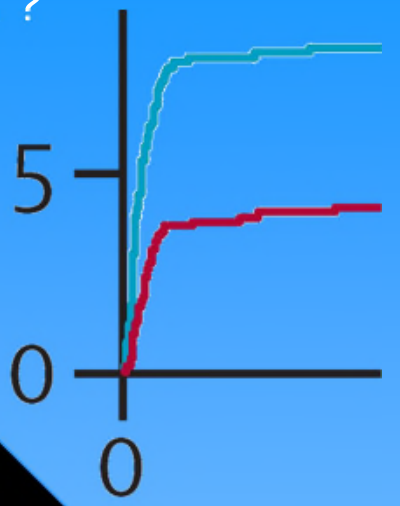
Cerebral Protection Sistems

STENT selection

Skillfull Team

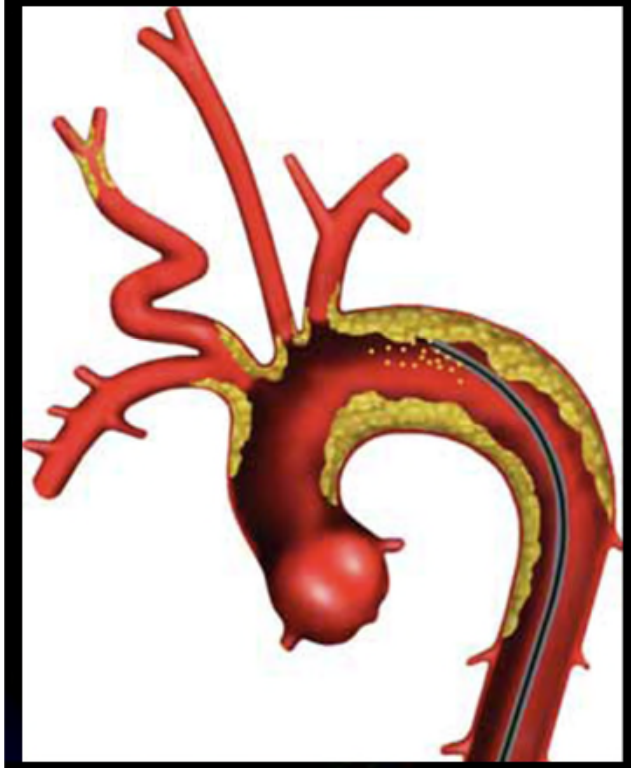
Correct Medical Therapy

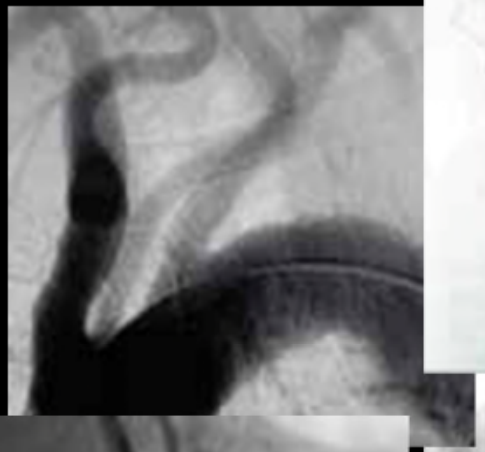
1994-2018
What we learned ?

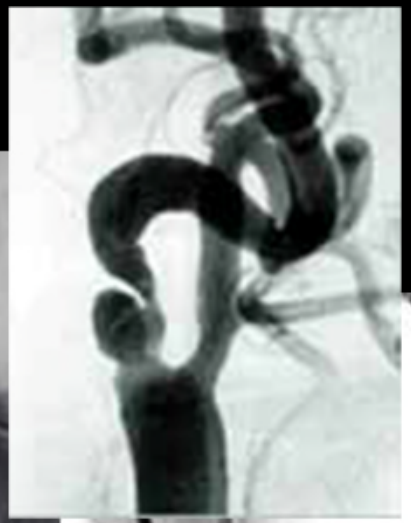


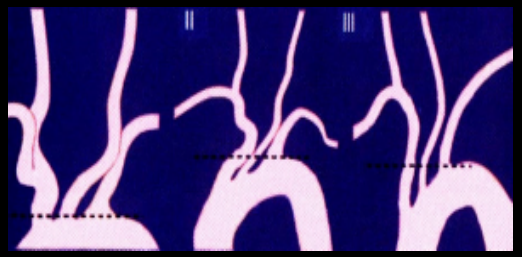
ROAD MAP

COMPLEX ANATOMY: NOT only Arch

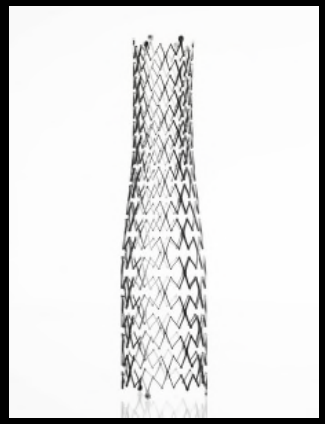


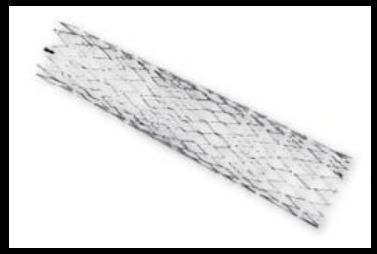


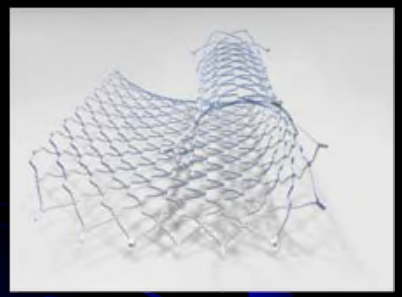


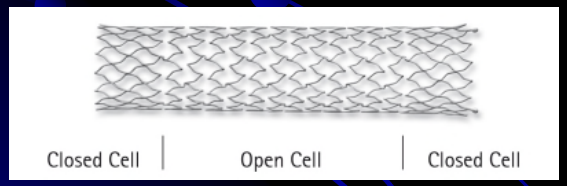


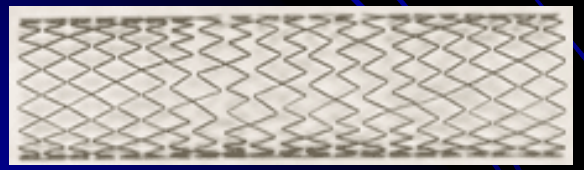
Stent choice: Our first decision

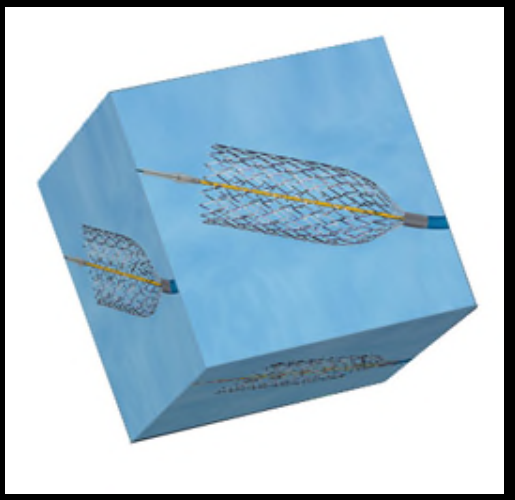


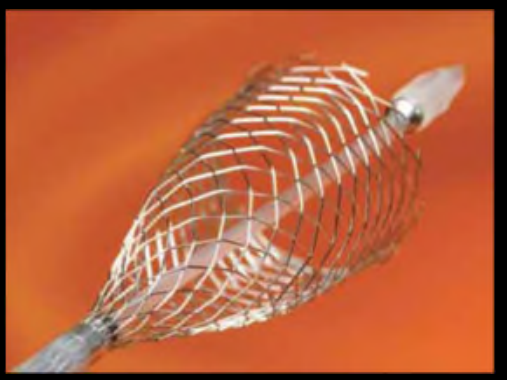




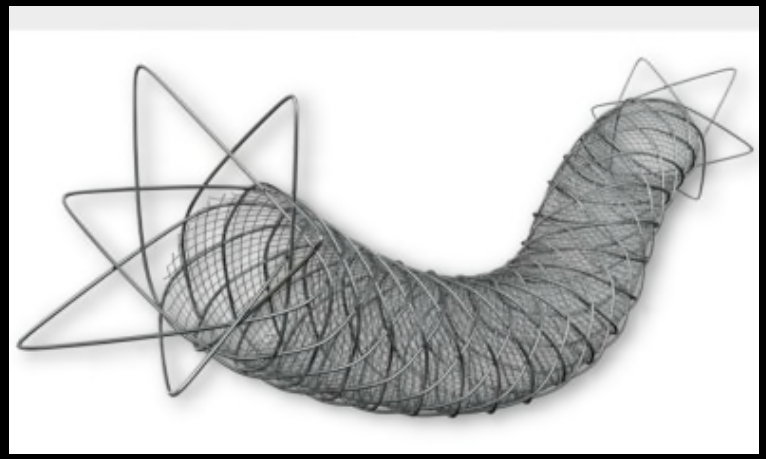




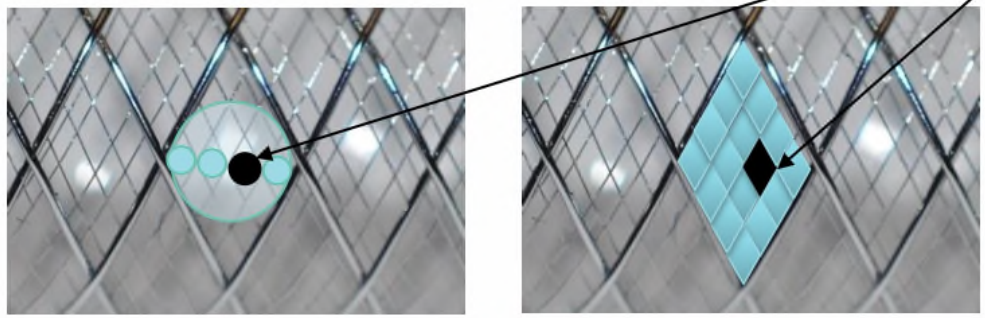




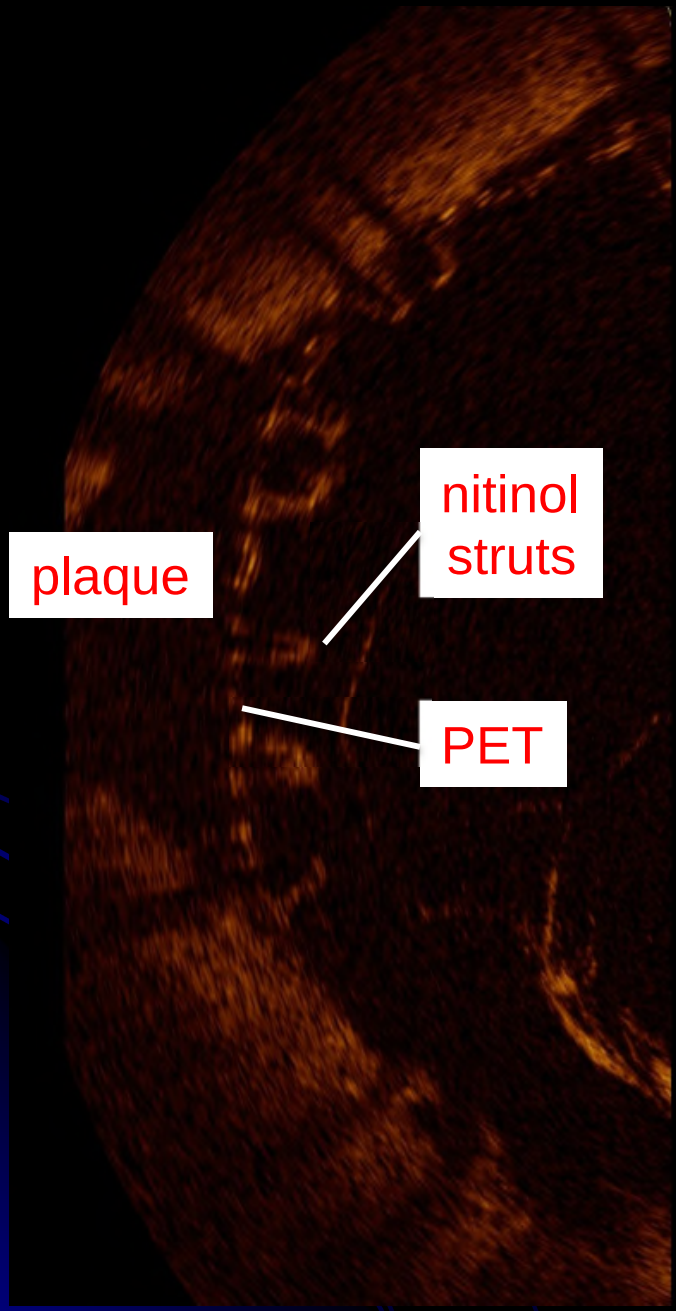
Stent choice: Our last decision

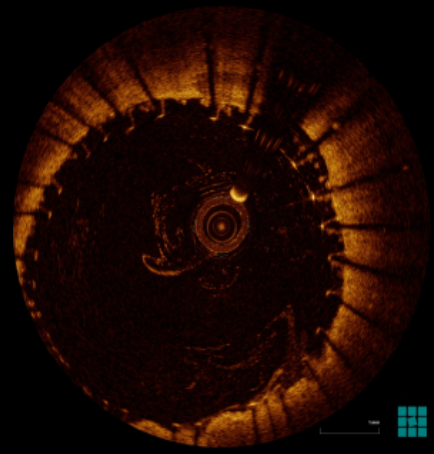


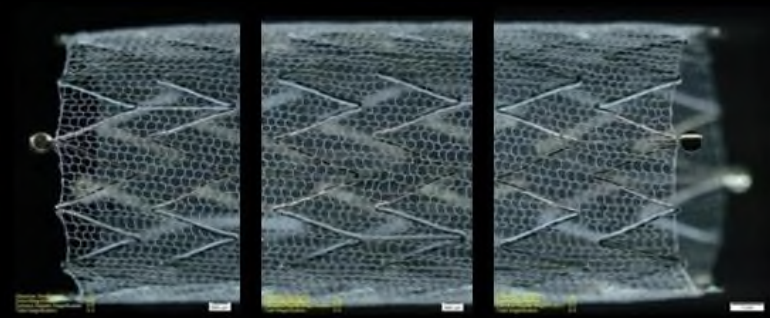
	Abbott Vascular RX Acculink	Abbott Vascular Xact	Boston Scientific Carotid Wallstent	Cordis Precise Pro RX	Covidien/ ev3 Protégé RX	Medtronic/Invatec Cristallo Ideale	Terumo Roadsaver
Pore Diameter (mm)	2.7686	2.413	2.1336	2.7686	3.9878	3.2258	1.1176
Pore Area (mm^2)	2.3622	1.8034	1.397	2.3622	4.9276	3.2258	0.381



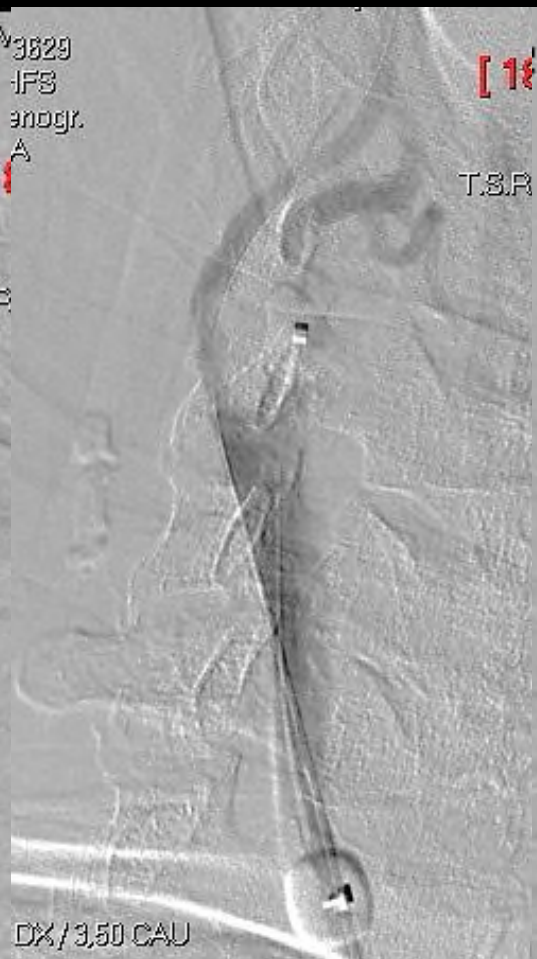
Stent choice: Our last decision

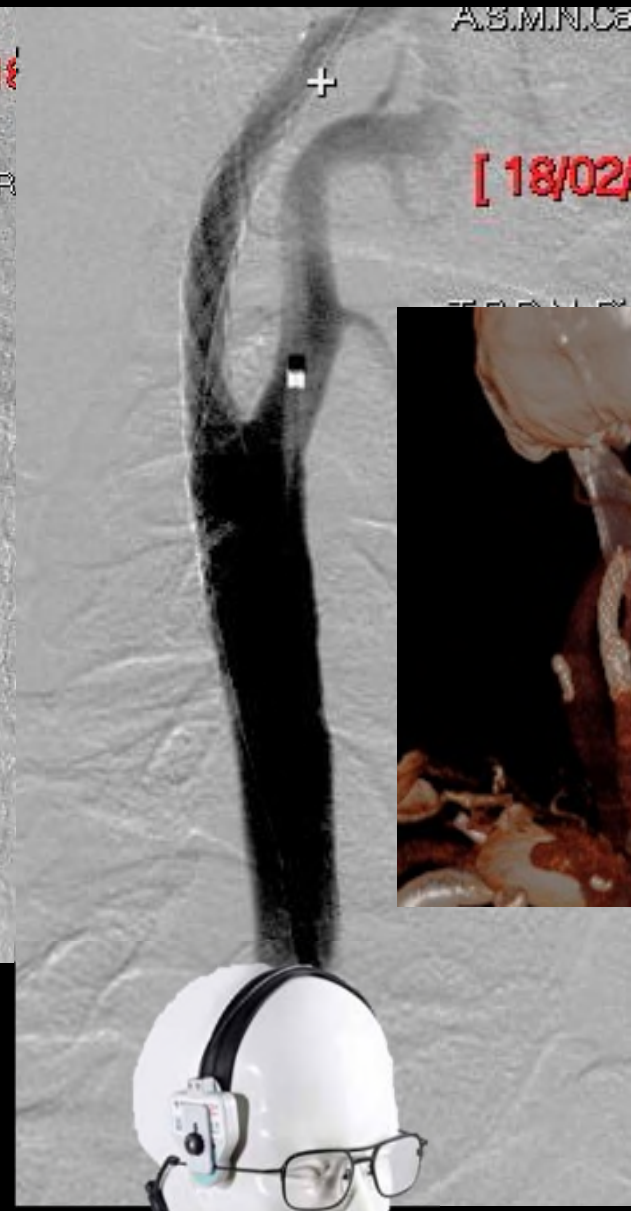


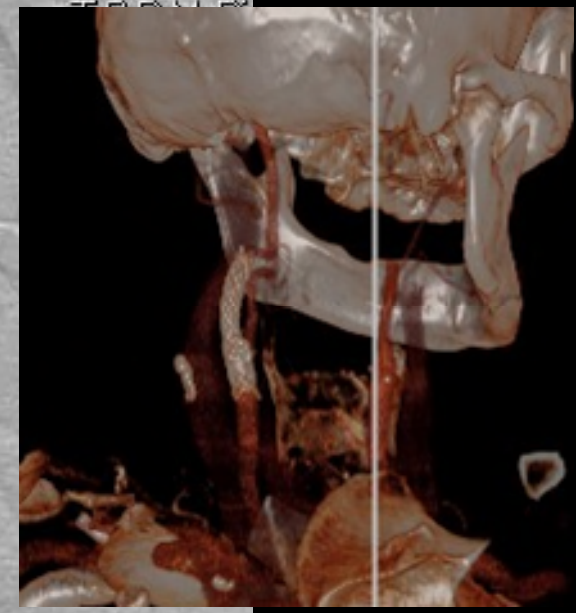


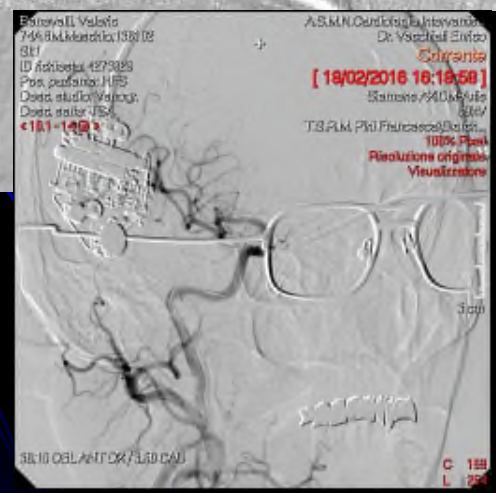


Stent choice: Our last decision with Quality Test of the device



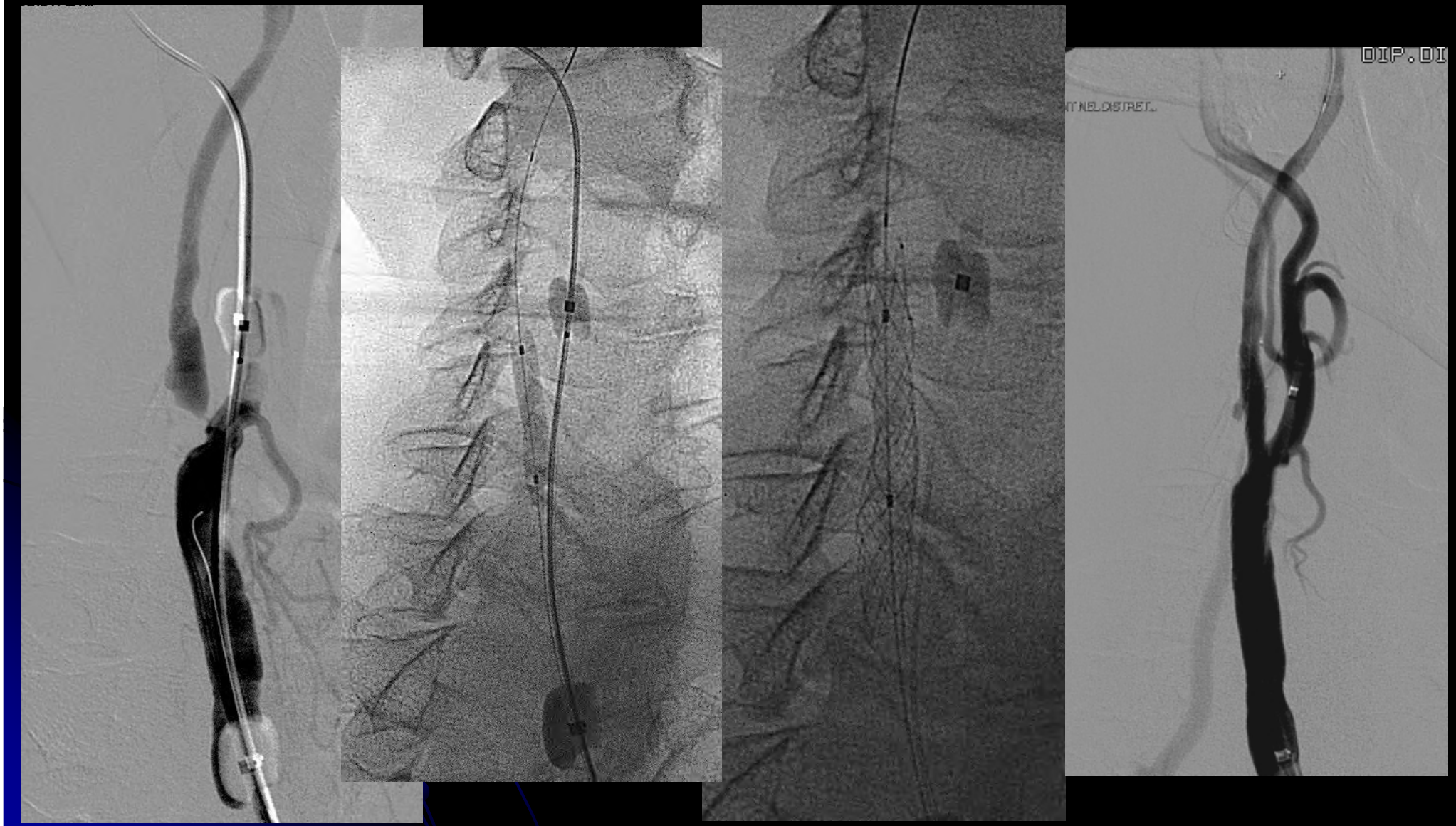




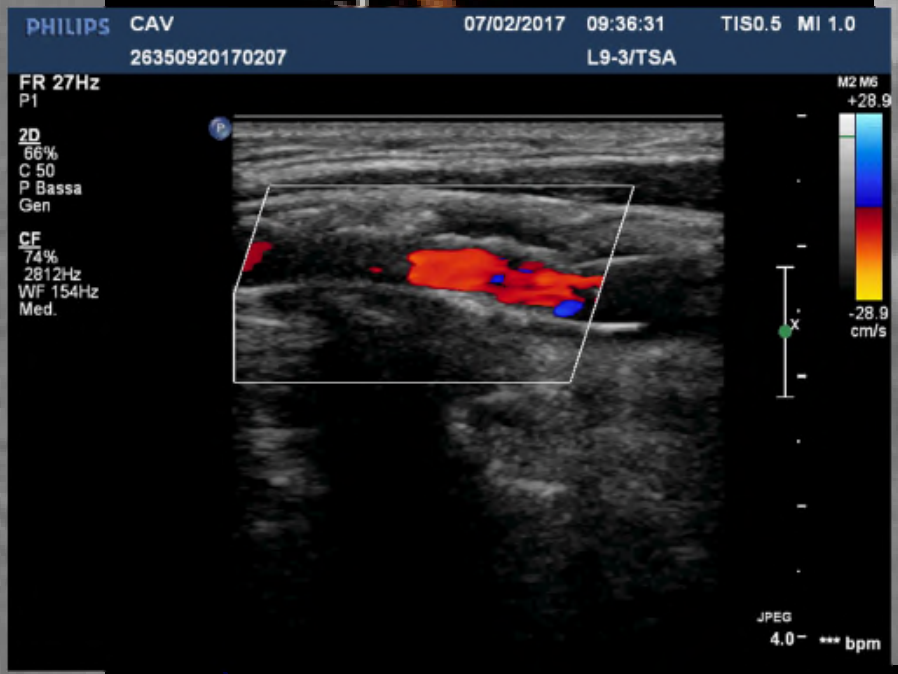


Stent choice: Our last decision in a Tight ICA Stenosis - Case 1

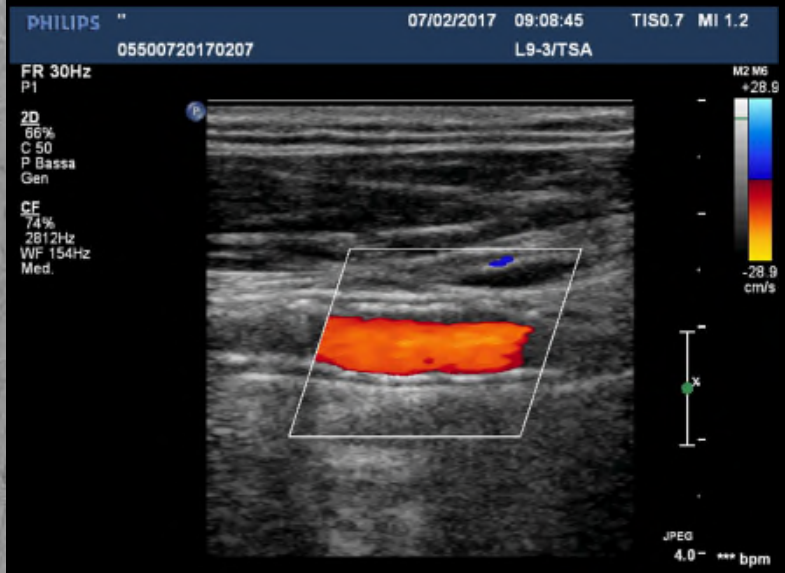
Stent choice: Our last decision in a Tight ICA Stenosis - Case 2



Stent choice: Our last decision in an Ulcerated ICA Stenosis - Case 3



Stent choice: Our last decision in a Complex ICA Stenosis - Case 4

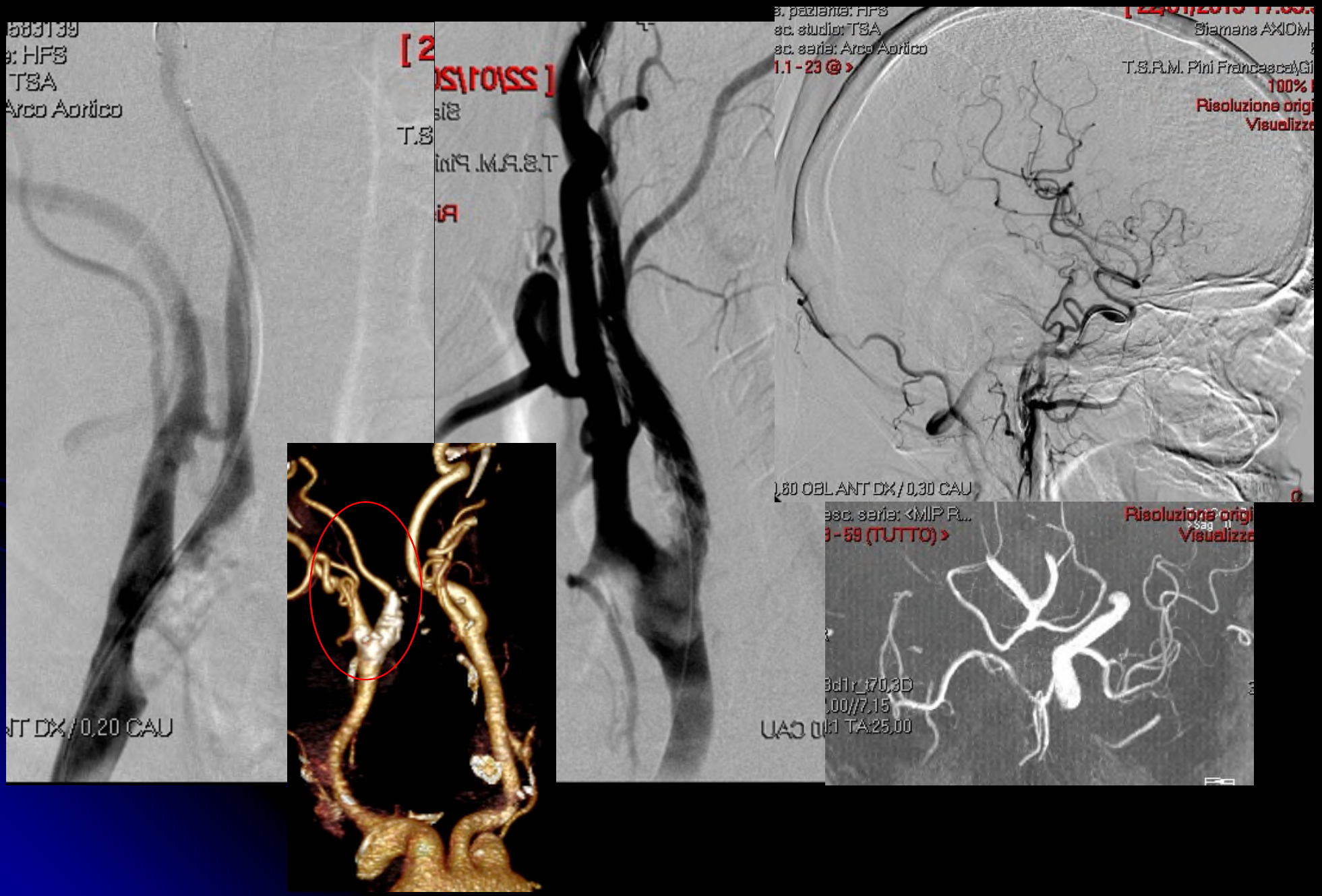


Stent choice: Our last decision in a Dismorphic ICA Stenosis - Case 5

Stent choice: Our last decision in a Long ICA Stenosis - Case 6

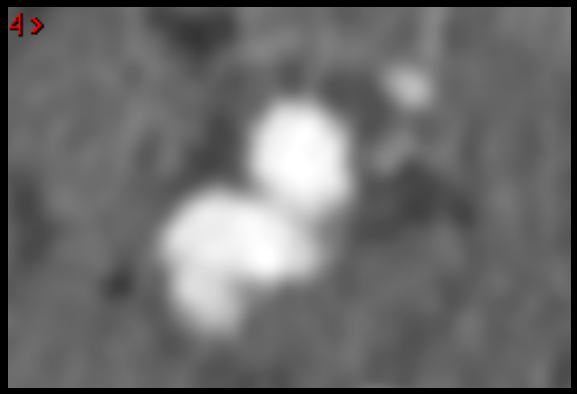
Stent choice: Our last decision in a Tortuous ICA Stenosis - Case 7

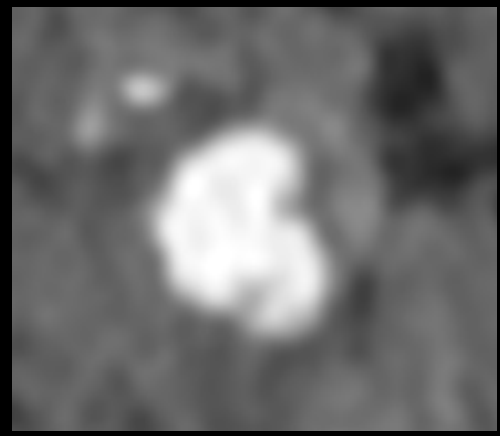
Stent choice: Our last decision in a Hypoplasic ICA Stenosis - Case 8

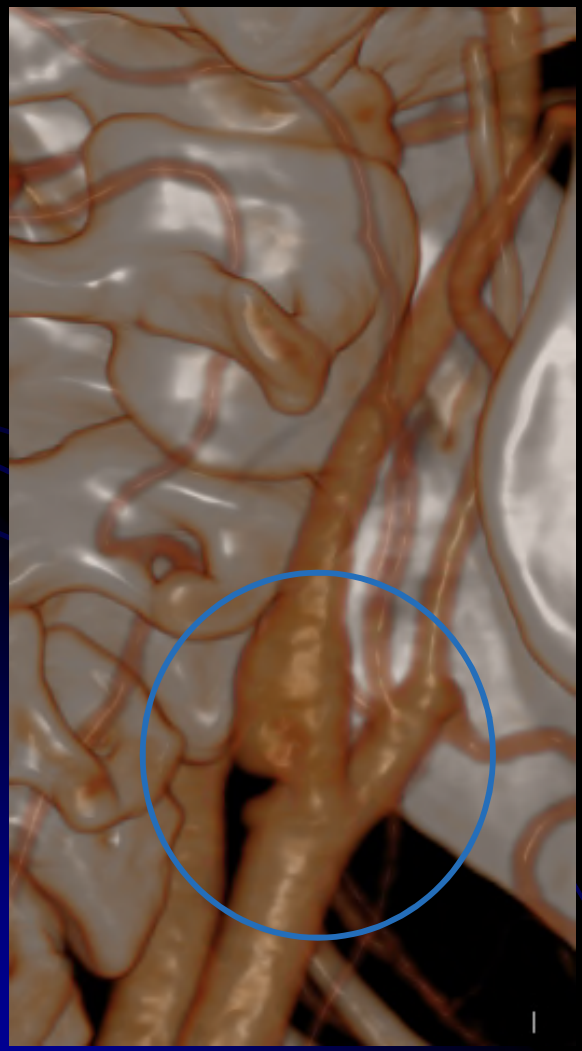


Stent choice: Our last decision in a Irregular ICA Stenosis - Case 9

Stent choice: Our last decision in a Carotid Web- Case 10







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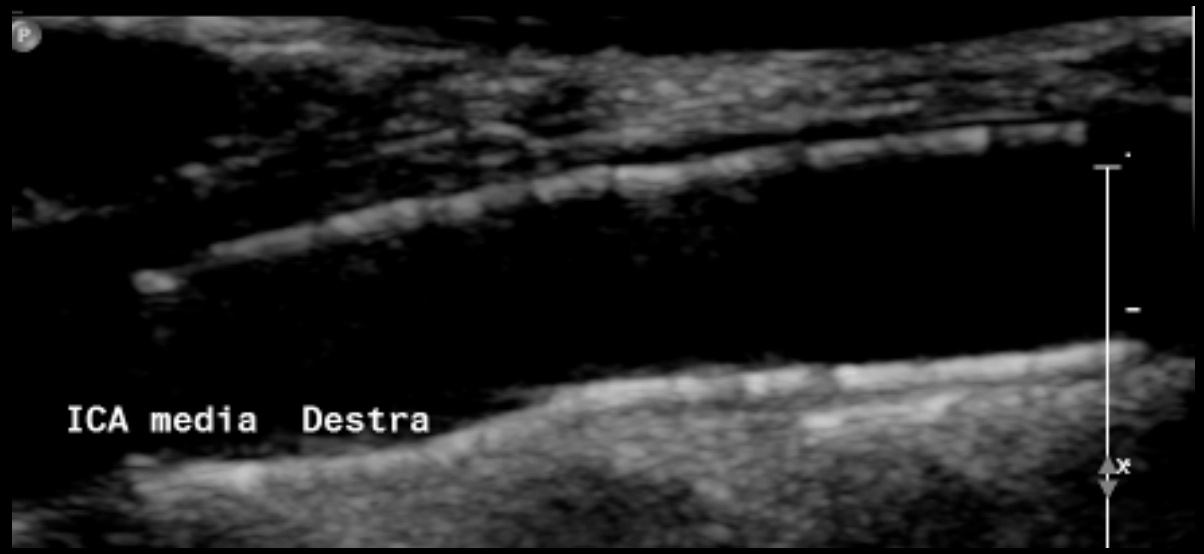
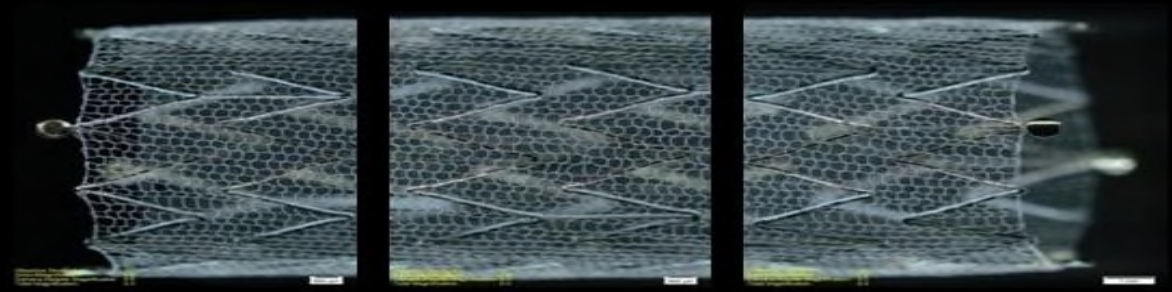
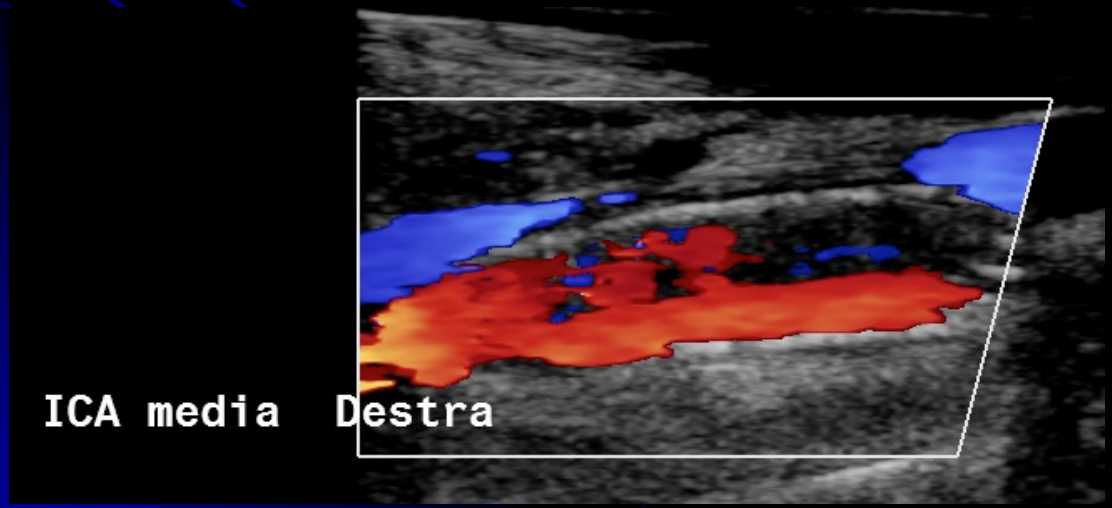
CAS

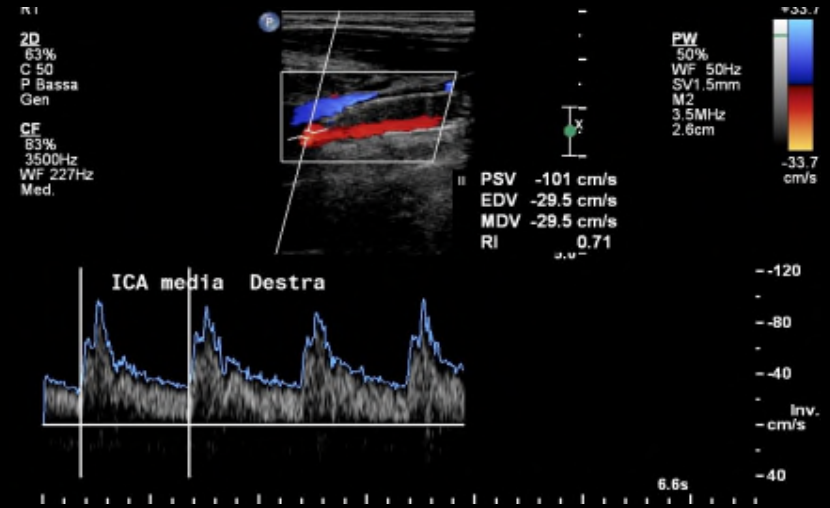
Stent choice: Our last decision in a Carotid Web- Case 10

Stent choice: Our last decision in a Carotid Web- Case 10

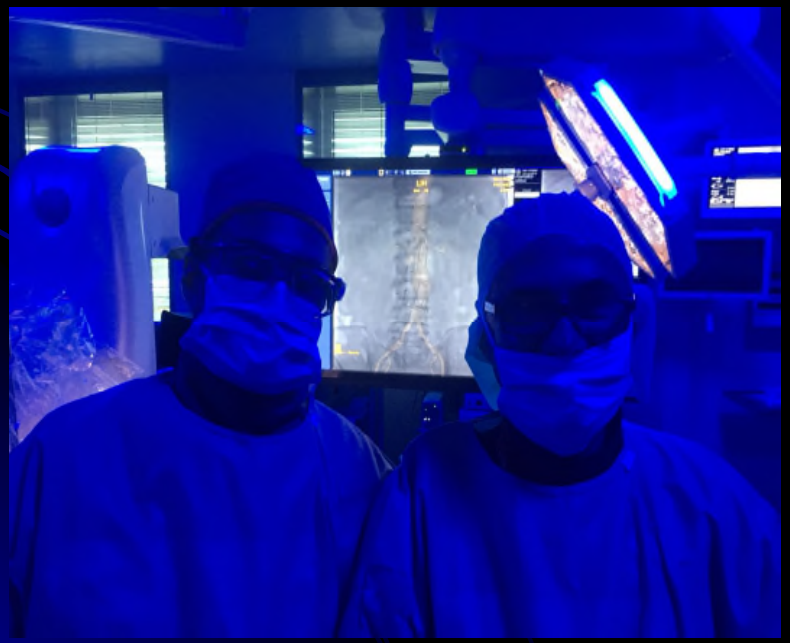








Stent choice: Different Ages……. Different Stents
Time goes On

Conclusion

In our experience the Micro-Mesh Stents in CAS give to the surgeon a possibility more also in complex ICA anatomies .