

I-MEET
NEXT GENERATION
JUNE 2nd 2016, Nice France

Ultra low-profile EVAR: behind the boundaries

The way we used the INCRAFT® from Cordis

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Case Presentation

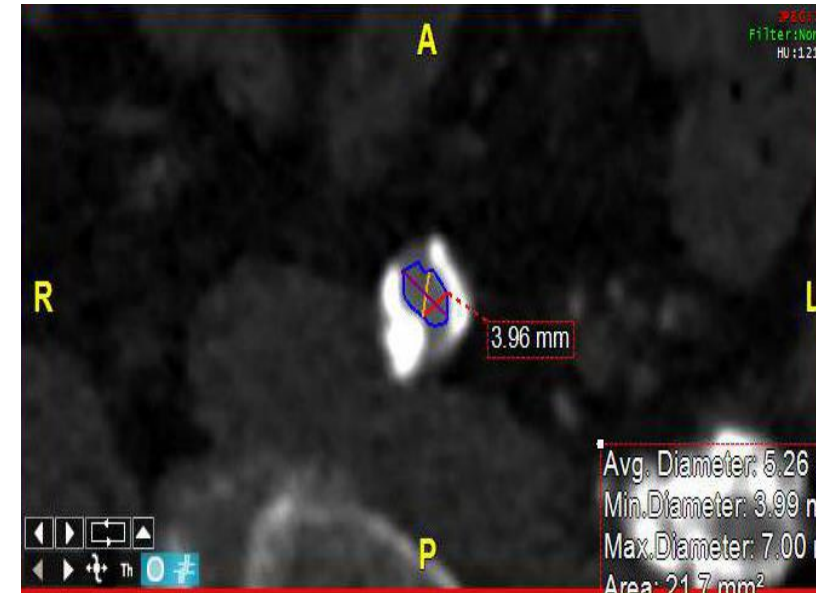
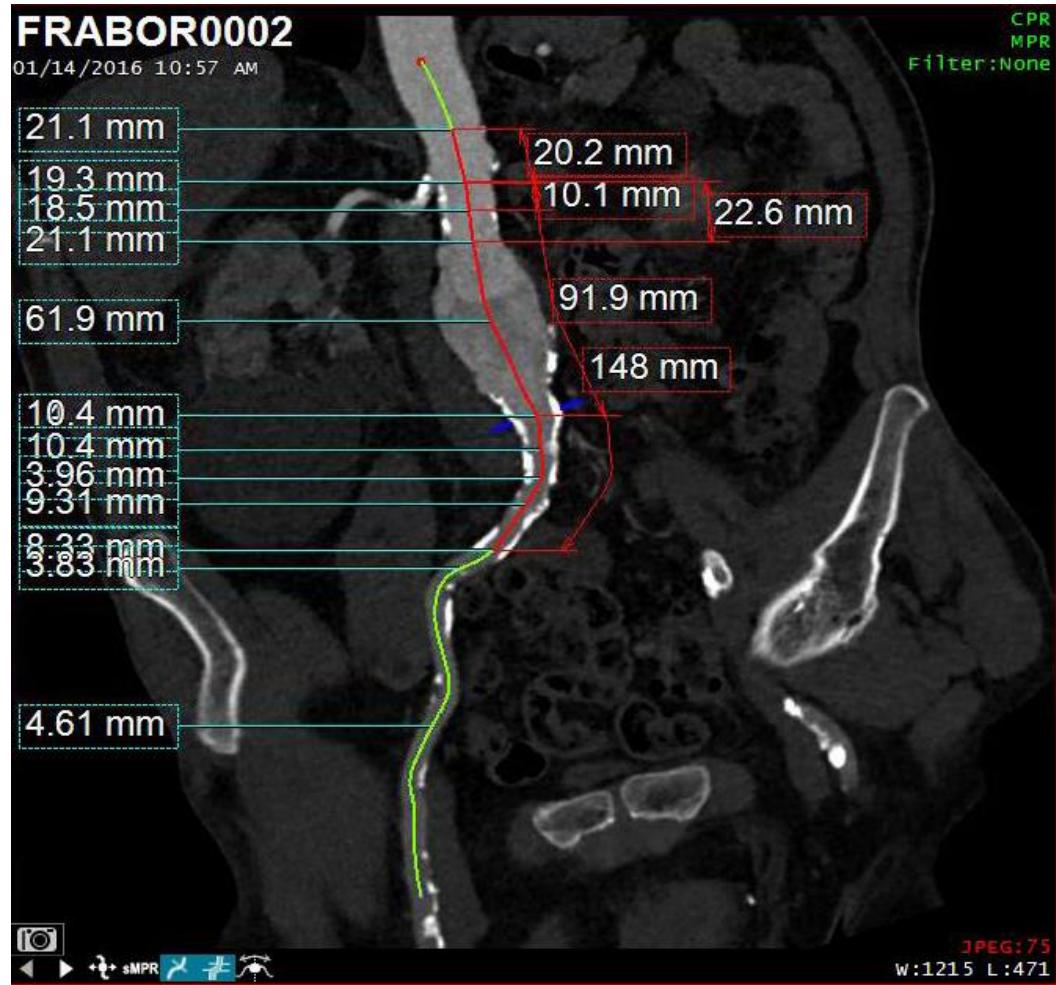
- Man, 79 year-old, with a 62 mm AAA
- Medical History
 - Myocardial infarction
 - COPD
 - Left common iliac artery PTA + 2 stents

The Aortic Neck Status



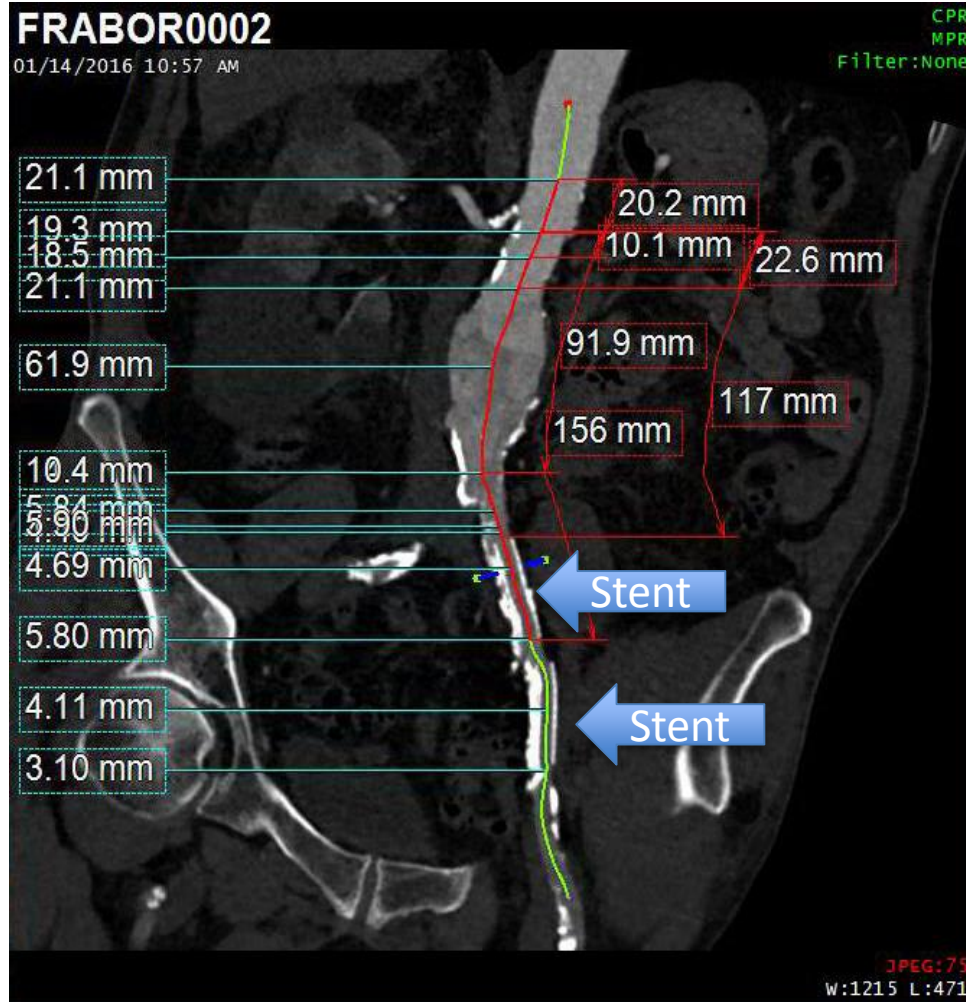
- Neck length : 22.6mm
- The neck is rather straight and moderately calcified.
- Diameters range from 18-21mm

The RIGHT Iliac Artery



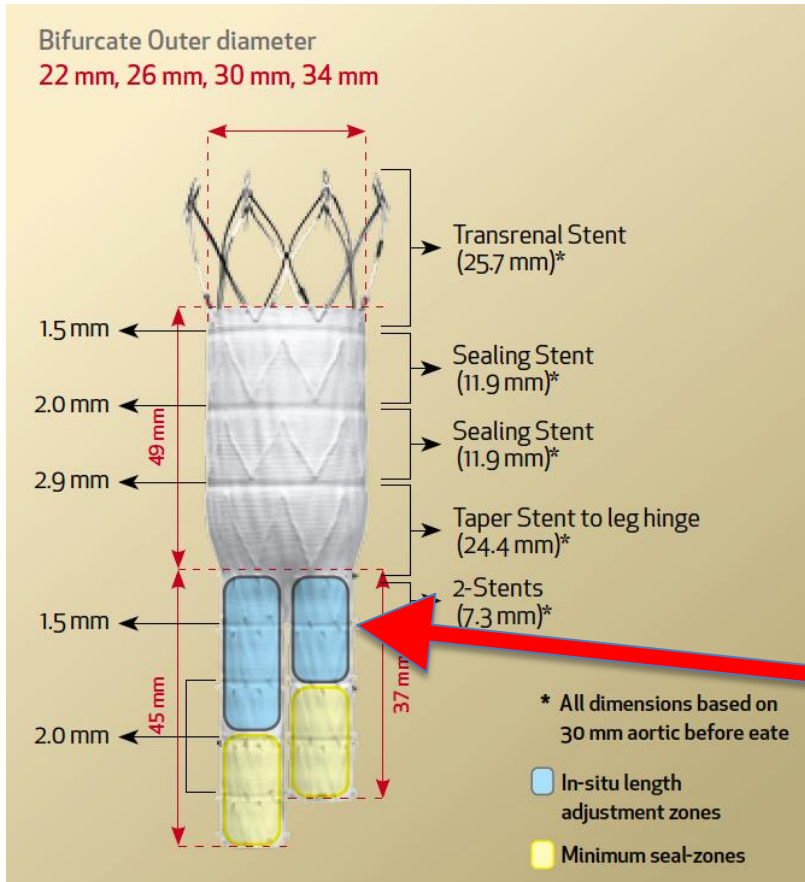
- The RCIA is heavily calcified and starts with a diameter of 10mm, then shows a stenosis (3.9mm) to taper out again till 8-9 mm
- Stenosis (3.8mm) at the origin of the REIA

The LEFT Iliac Artery

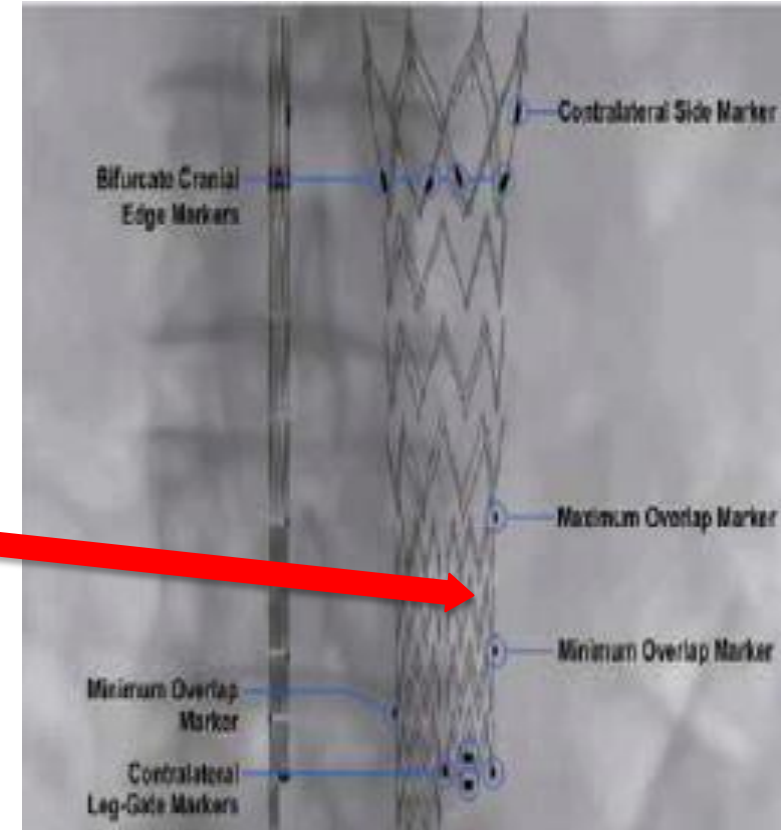


- The LCIA is also heavily calcified, even more than the RCIA and contains 2 earlier placed stents.
- Diameters before the stent are about 5.8-5.9mm, luminal diameters within the first stent in the LCIA are between 4.4-5.8mm.
- The second stent is found in the EIA where luminal diameters range from 4.1 proximal to 3.1 distally.

The Incraft® stentgraft from Cordis



- Ultra Low-profile stentgraft
- Supra Renal Fixation
- Tri modular
- Room for in-situ length adjustment

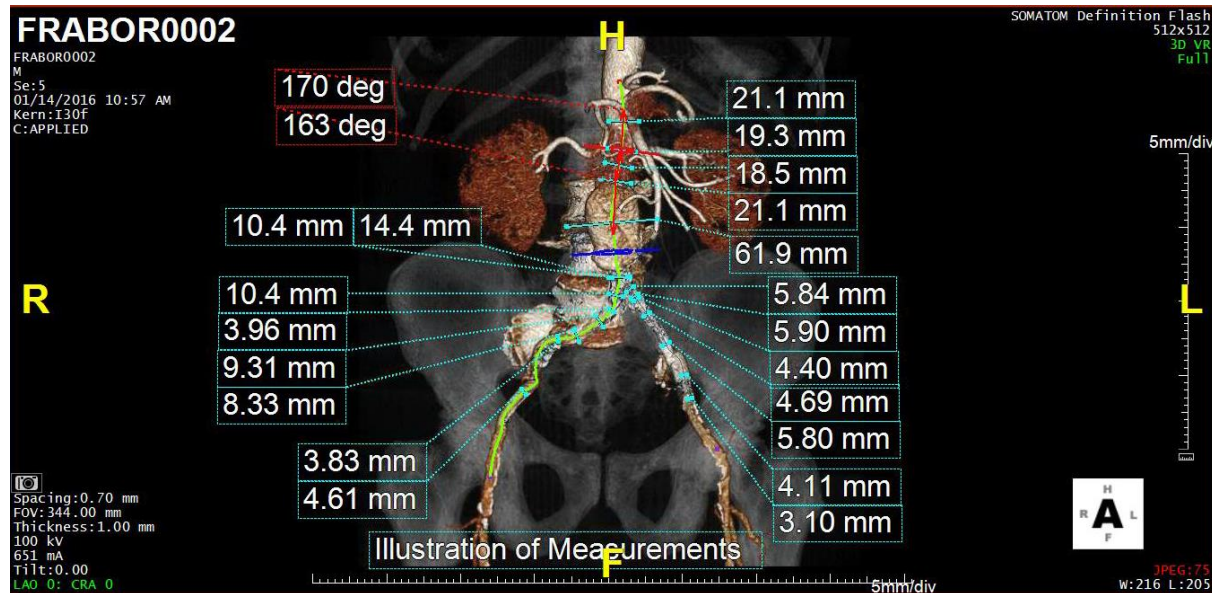


The Incraft® stentgraft from Cordis

Aortic Bifurcate	Product Code	AB Size (mm)	Treatment Range (mm)	Delivery System ID (F)	Delivery System OD (F)	Ipsl Length (mm)	Contra Length (mm)
	AB2298	22	17.0 - 19.9	13	14	94	86
	AB2698	26	20.0 - 22.9	13	14	94	86
	AB3098	30	23.0 - 26.9	13	14	94	86
	AB3498	34	27.0 - 31.0	15	16	94	86

Iliac Limb / Limb Extension	Product Code	IL Size (mm)	Treatment Range (mm)	IL Length (mm)	Delivery System OD (F)	Ipsl Length (mm)	Contra Length (mm)
	IL1008	10	7.0 - 8.9	82	12	128 - 156	128 - 147
	IL1010	10	7.0 - 8.9	101	12	147 - 175	147 - 166
	IL1012	10	7.0 - 8.9	120	12	166 - 194	166 - 185
	IL1014	10	7.0 - 8.9	138	12	184 - 212	184 - 203
	IL1308	13	9.0 - 10.9	82	12	128 - 156	128 - 147
	IL1310	13	9.0 - 10.9	101	12	147 - 175	147 - 166
	IL1312	13	9.0 - 10.9	120	12	166 - 194	166 - 185
	IL1314	13	9.0 - 10.9	138	12	184 - 212	184 - 203
	IL1608	16	11.0 - 13.9	82	12	128 - 156	128 - 147
	IL1610	16	11.0 - 13.9	101	12	147 - 175	147 - 166
	IL1612	16	11.0 - 13.9	120	12	166 - 194	166 - 185
	IL1614	16	11.0 - 13.9	138	12	184 - 212	184 - 203
	IL2008	20	14.0 - 17.9	82	12	128 - 156	128 - 147
	IL2010	20	14.0 - 17.9	101	12	147 - 175	147 - 166
	IL2012	20	14.0 - 17.9	120	12	166 - 194	166 - 185
	IL2014	20	14.0 - 17.9	138	12	184 - 212	184 - 203
	IL2410	24	18.0 - 22.0	101	13	147 - 175	147 - 166
	IL2412	24	18.0 - 22.0	120	13	166 - 194	166 - 185
	IL2414	24	18.0 - 22.0	138	13	184 - 212	184 - 203

Planning of the Case



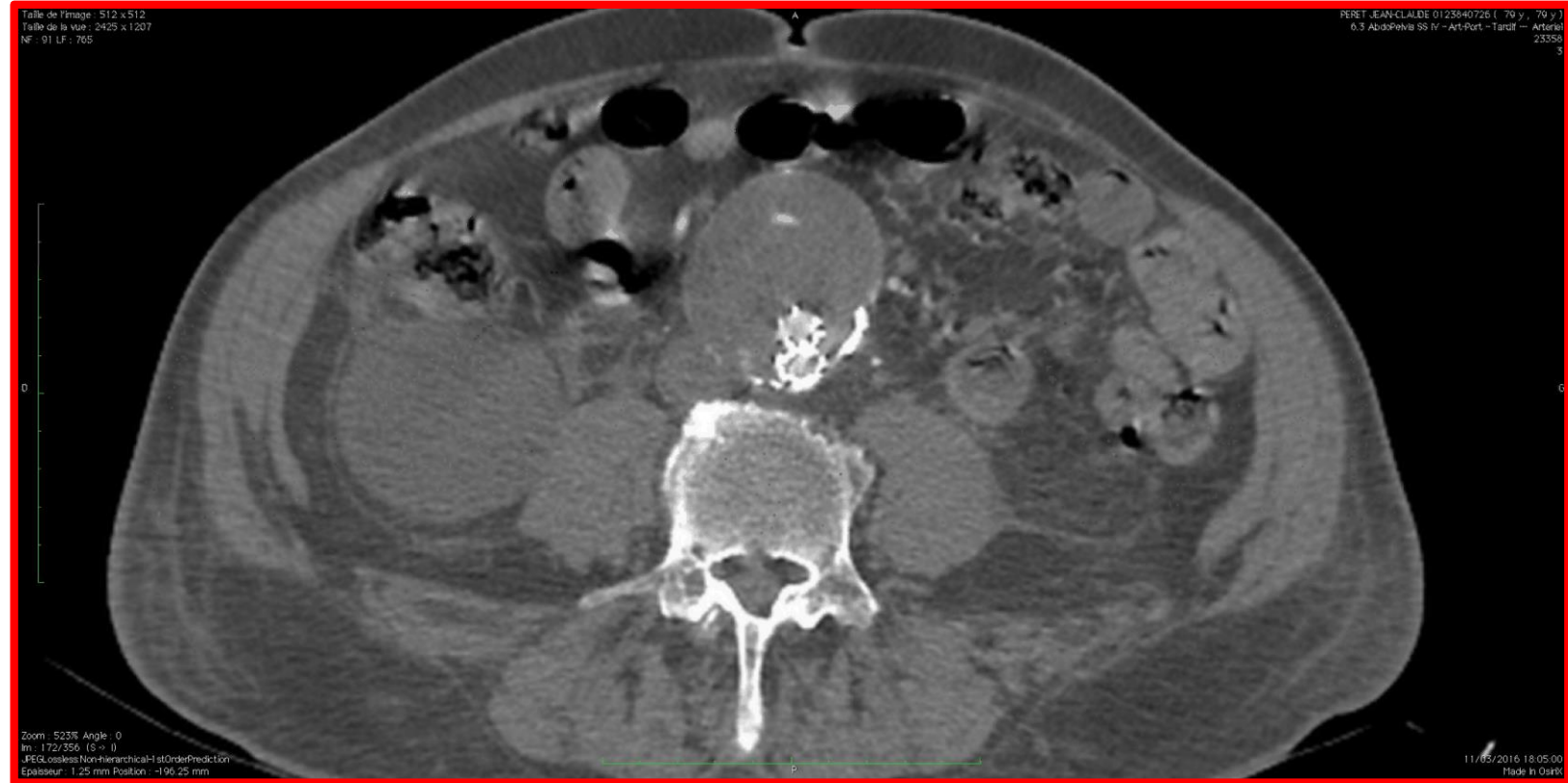
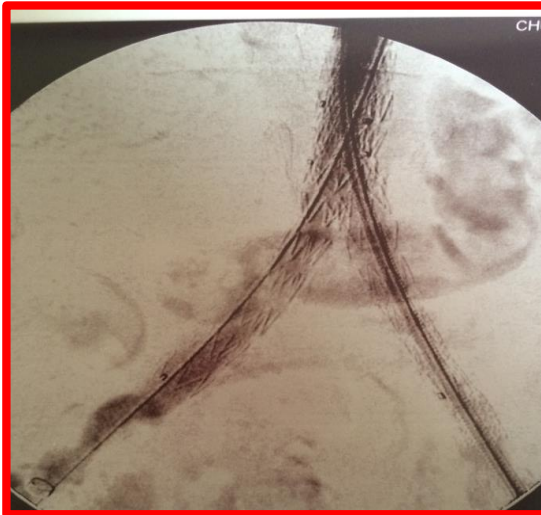
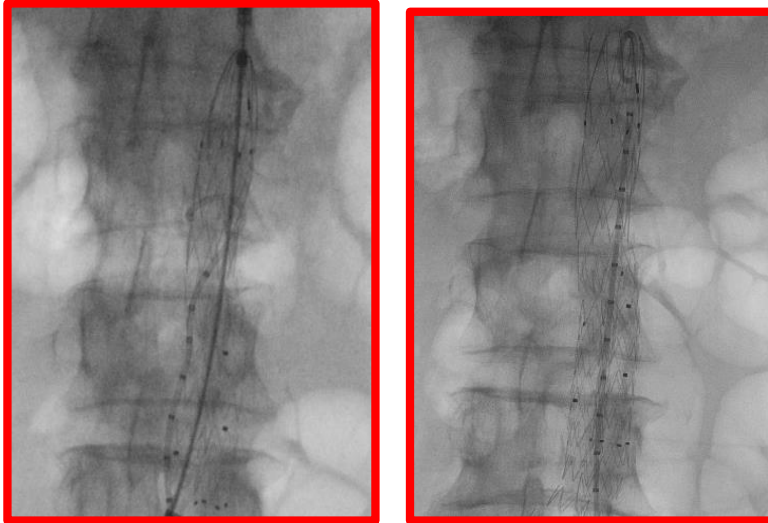
- Device selected : INCRAFT from Cordis
- Right Insertion of the AB2298 main body 14F
- Right Iliac extension IL1308 12F
- Left Iliac extension IL1008 12F

INSIGHT Study

- Femoral access vessels should be adequate to fit the selected delivery system
- Proximal neck length $\geq 10\text{mm}$
- Aortic neck diameters $\geq 17\text{mm}$ and $\leq 31\text{mm}$
- Aortic neck suitable for suprarenal fixation
- Infrarenal and suprarenal neck angulation $\leq 60^\circ$
- Iliac fixation length $\geq 15\text{mm}$
- Iliac diameters $\geq 7\text{mm}$ and $\leq 22\text{mm}$ → *conditional : carefully not with IAU!*
- Minimum overall AAA treatment length (proximal landing location to distal landing location) $\geq 128\text{mm}$
- Morphology suitable for aneurysm repair

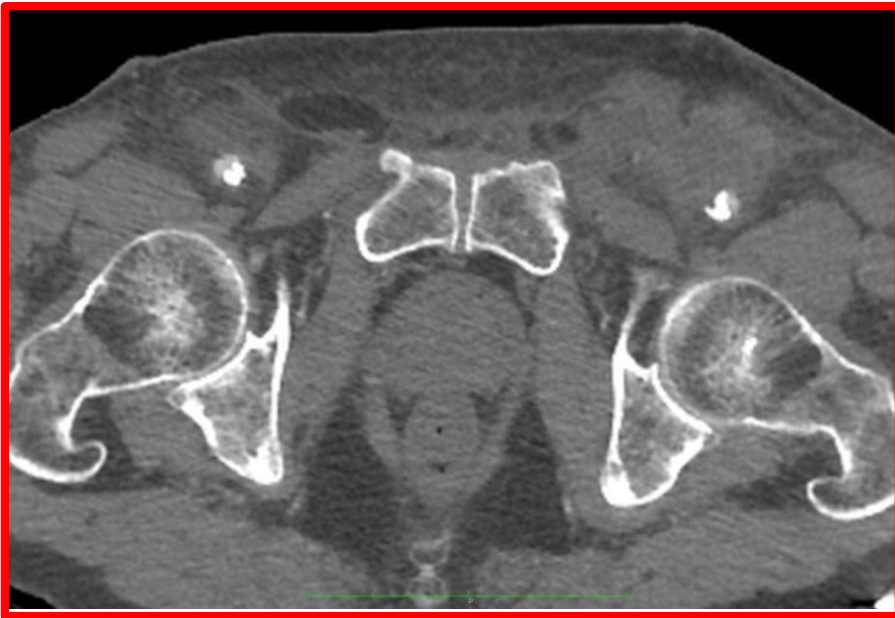
- Patient was excluded from the INSIGHT Study

Procedure



One-month follow-up CTA

Percutaneous?



- We have selected the INCRAFT® for patients with extensive iliac lesions
- In 4/5 patients treated, those iliac stenosis were associated with severe femoral calcifications