

Novel insights from bench and simulation

3 take home messages

Peter Mortier

Presentations by:

G Dubini

J Wentzel

C Chiastra

RJ van Geuns

K Iwasaki

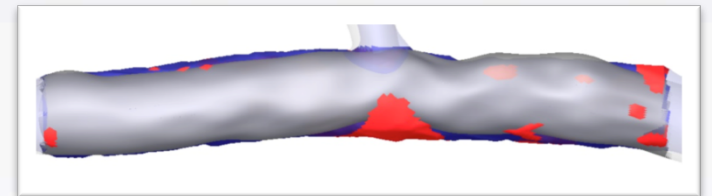
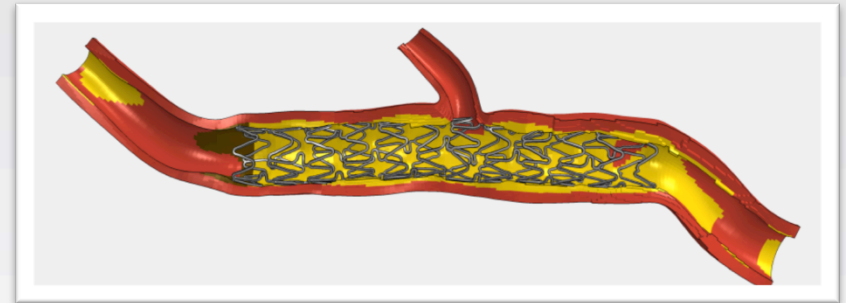
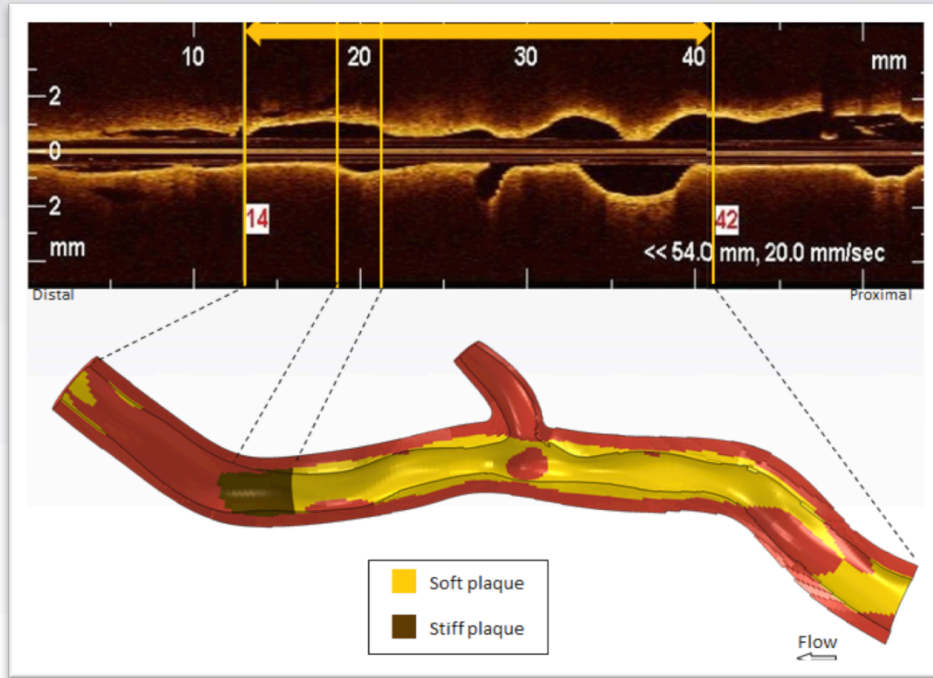
K Toutouzas

G Kassab

P Serruys

JL Gutiérrez-Chico

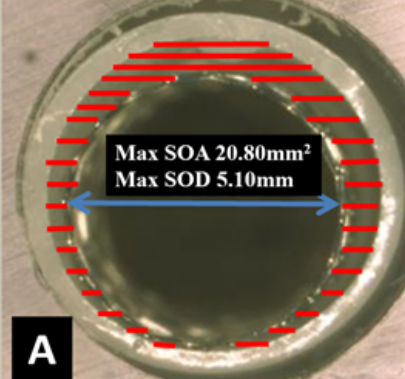
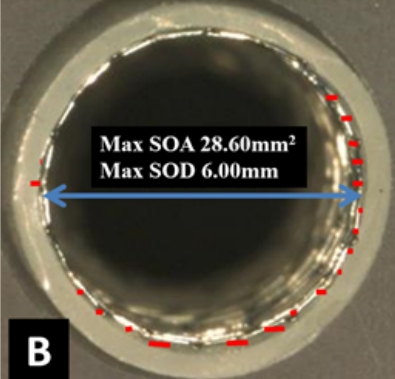
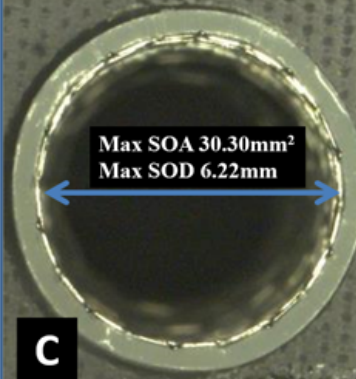
Virtual stenting predicts in-vivo stent deformation



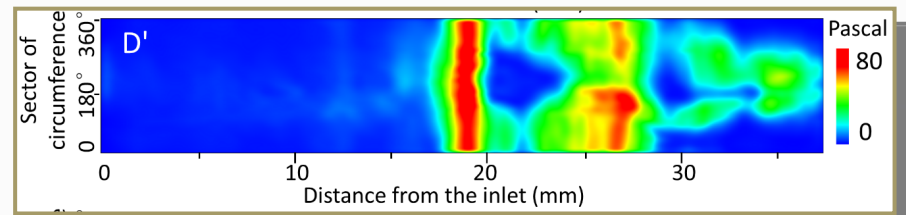
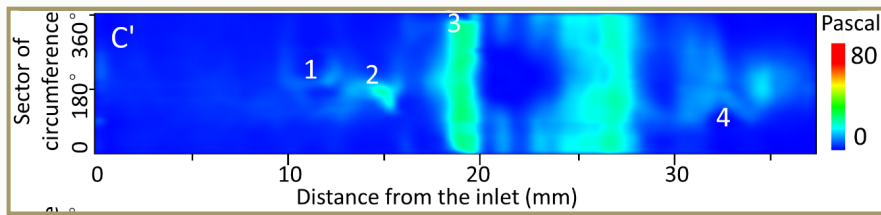
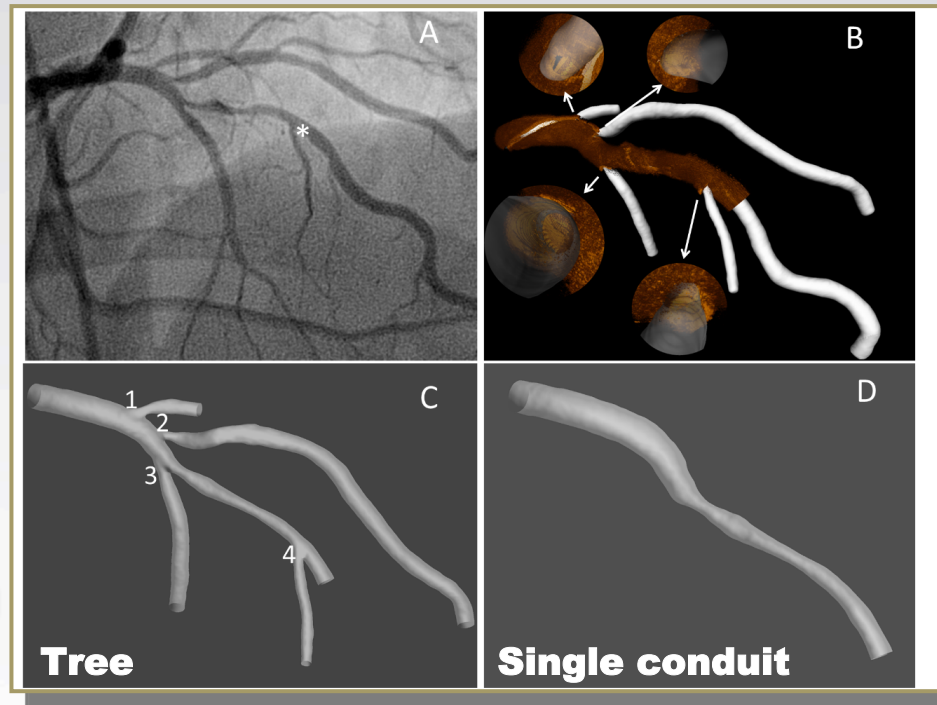
- From patient images
- Simulation
- Distance > 0.25 mm

Presented by G. Dubini

Postdilatation balloon size: BE CAREFUL!

	SC 6 ATM	SC 14 ATM	NC: 24 ATM
POT 6 mm	MA: 8.40mm ² , EI 1.0	MA: 1.10mm ² , EI 1.0	MA: 0mm ² , EI 1.0
	 <p>Max SOA 20.80mm² Max SOD 5.10mm</p>	 <p>Max SOA 28.60mm² Max SOD 6.00mm</p>	 <p>Max SOA 30.30mm² Max SOD 6.22mm</p>

Small side branches should be included



Presented by JL. Gutiérrez-Chico