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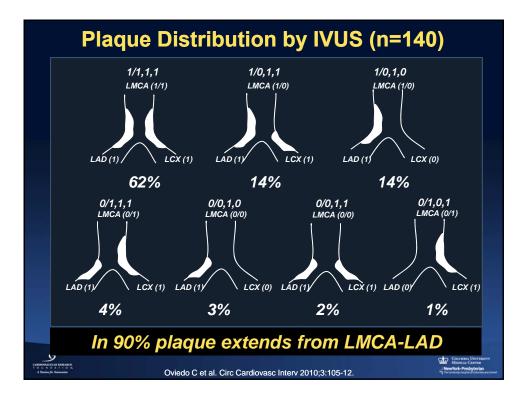
**Disclosure Statement of Financial Interest** Within the past 12 months, I or my spouse/partner have had a financial Interest /arrangement or affiliation with the organization(s) listed below

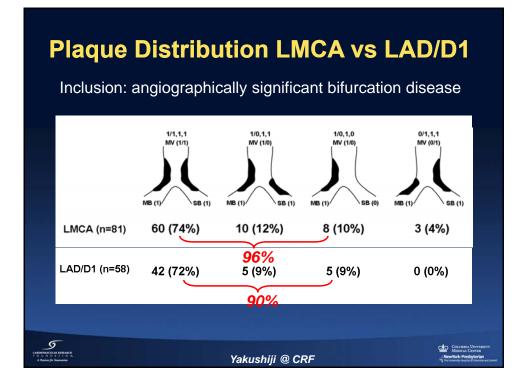
Affiliation/Financial Relationship Grant/ Research Support:

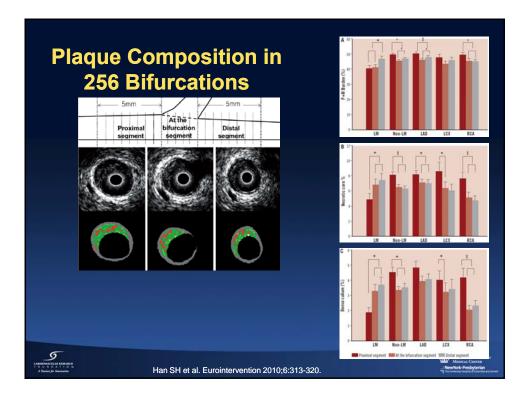
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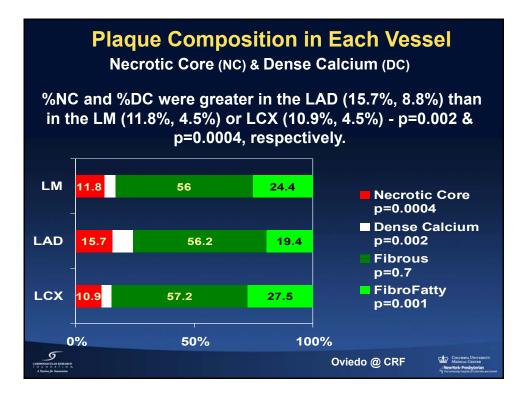
<u>Company</u> Boston Scientific Corp. Volcano Corp.

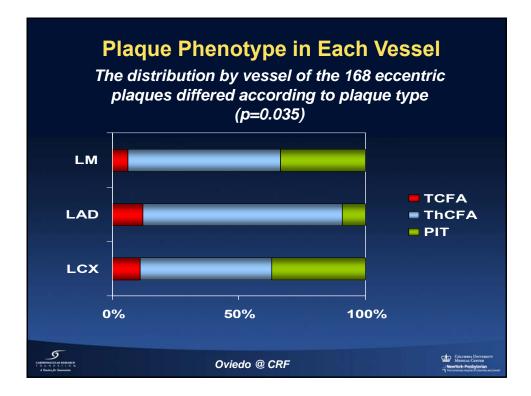
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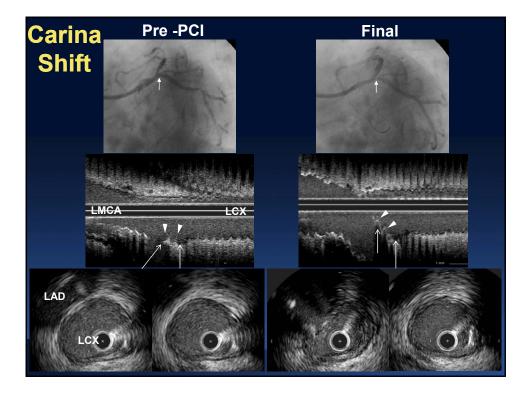


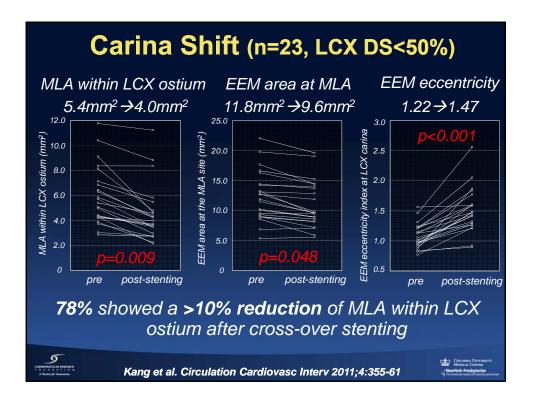


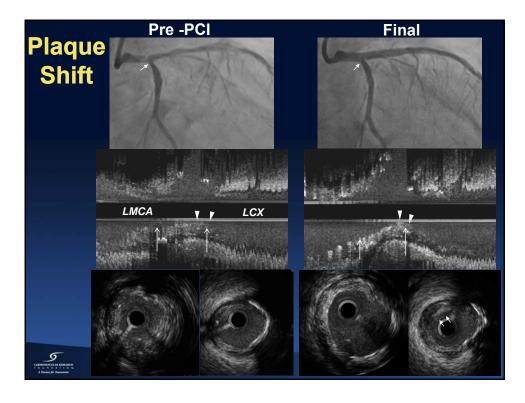


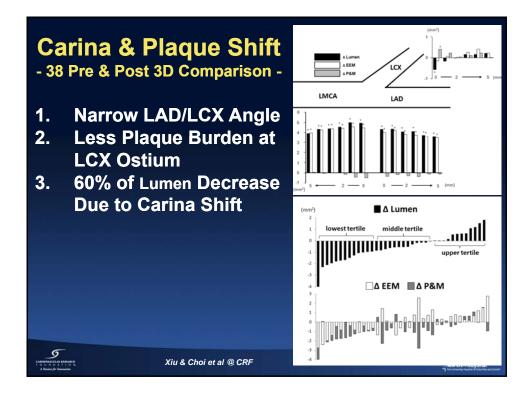


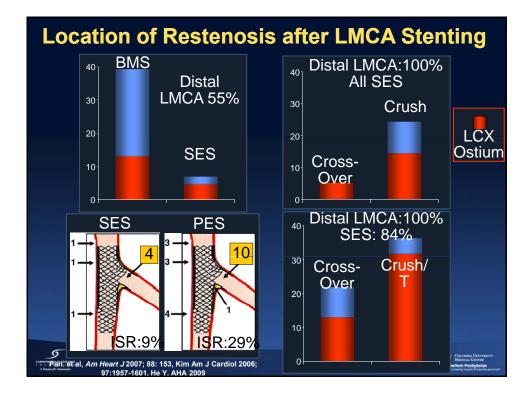


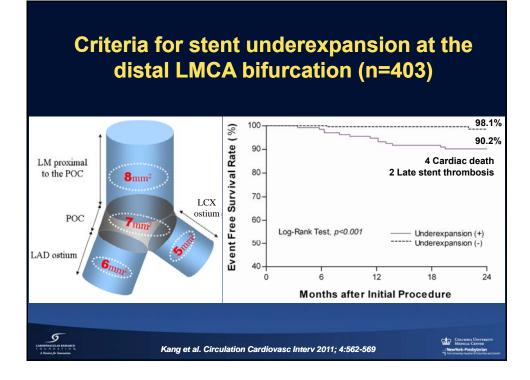


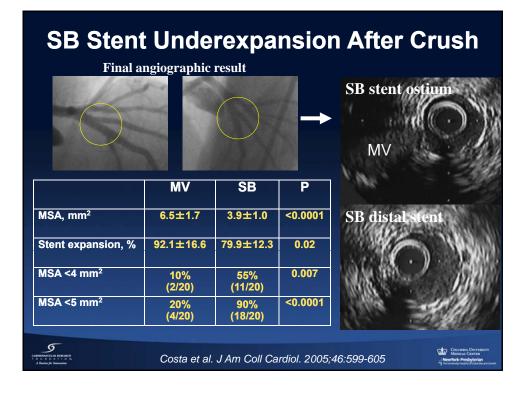


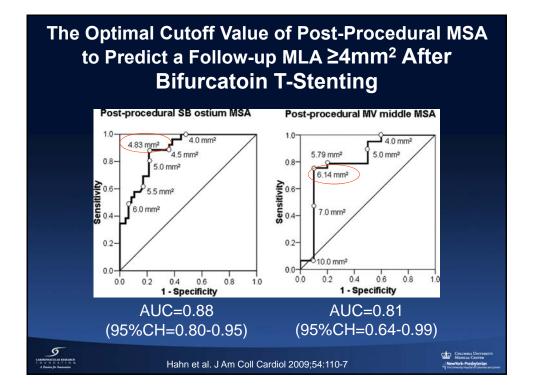












## **Take Home Message** 1. 90% of plaque distribution is LAD dominant in the LMCA, LAD/D1 bifurcation, no matter the angiographic appearance. 2. In LMCA bifurcations, advanced atherosclerosis (fibroatheroma, calcification) is more in the proximal LAD than LMCA or LCX. However, in non-LM bifurcation lesions, the proximal segment had more plaque than the distal segment. 3. In LMCA lesions, carina shift is related to the narrow angle of LAD/LCX and minimum plague at LCX ostium. **4**. The main difference between LMCA and LAD/D1 bifurcation are 1) size of vessel and 2) angle which may relate to different mechanism of lumen compromise at side branch ostium and acute outcome (=minimum lumen area). 6