# DISRUPT CAD III

# MAKING BIG WAVES IN COMPLEX CALCIUM

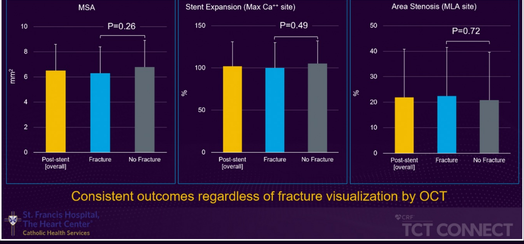
## CAD III OCT SUB-STUDY: TOP 10 DATA POINTS TO KNOW

**100** Patients with Severe Ca++

1. **292°** Ca++ Arc at Max Calcification Site
2. **.96mm** Ca++ Thickness at Max Calcification Site
3. **48mm** Length of Ca++
4. **77** Pulses/Lesion
5. **67%** of Lesions with Post-IVL Fractures
6. **2+** Fractures Observed in 68% of Lesions
7. **192°** Minimum Ca++ Arc at Fracture Site
8. **.5mm** Fracture Depth
9. **6.5mm²** MSA
10. **102%** Stent Expansion at Max Calcification Site

## Consistently Excellent Outcomes Regardless of Fracture After IVL

### Outcomes by Fracture Visualization




Consistent outcomes regardless of fracture visualization by OCT

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### Conclusions

- OCT confirmed the safety of coronary IVL with no severe angiographic complications at the end of the procedure
- OCT demonstrated longitudinal and circumferential calcium fractures in heavily calcified lesions resulting in:
  - Increased vessel compliance
  - Large post-procedural MSA
  - Excellent stent expansion
- MSA, area stenosis, and stent expansion outcomes were excellent regardless of Ca++ fracture visualization by OCT and may represent a limitation of OCT to detect subtle microfractures in calcified plaque

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