

# MeRes-1 Extend Study

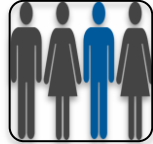
## Study Highlights

- Principal Investigator: Dr. Alexandre Abizaid
- The MeRes-1 Extend was a multicenter, single-arm, prospective trial of MeRes100 sirolimus-eluting bioresorbable vascular scaffold system in patients with de novo native coronary artery lesions
- Three year clinical follow-up including QCA analysis at 6 and 24 months; OCT analysis at 6 and 36 months
- MeRes-1 Extend study demonstrated the favourable safety and efficacy of MeRes100 BRS at 12 months follow-up



## ❖ Study Design

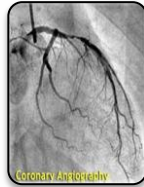
A multicentre, single-arm, prospective study



A total of 64 patients were enrolled in Spain, Macedonia, Brazil, Malaysia and Indonesia

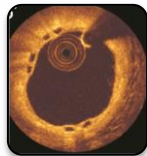


Clinical follow-up at 30 days, 6 months, 12 months, 24 months and 36 months post-procedure



Angiographic follow-up at 6 and 24 months

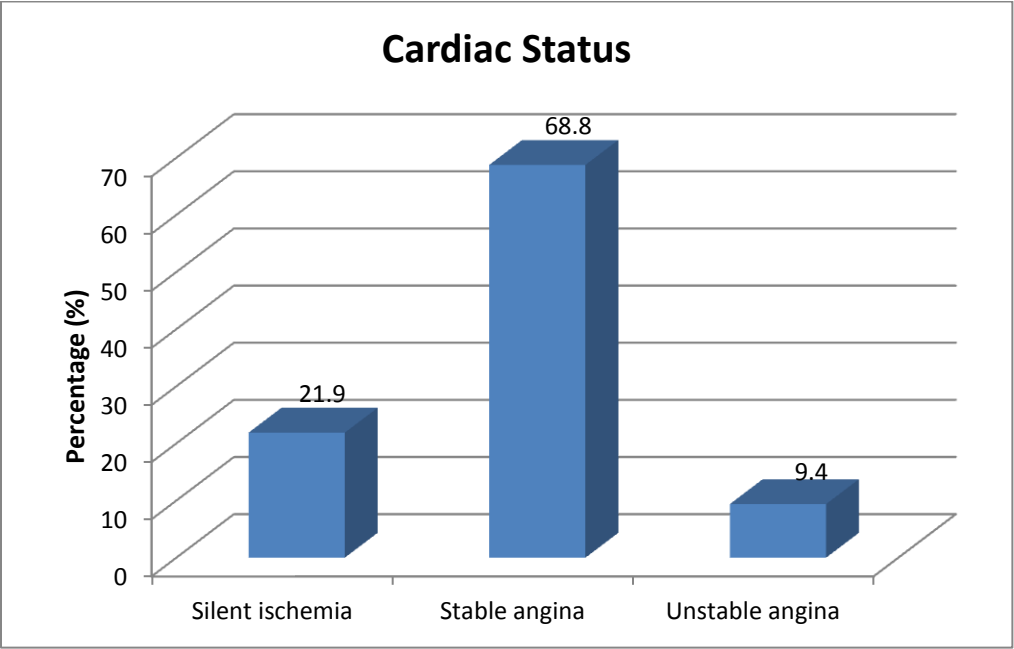
Analysed by Cardiovascular Research Centre, Sao Paulo, Brazil



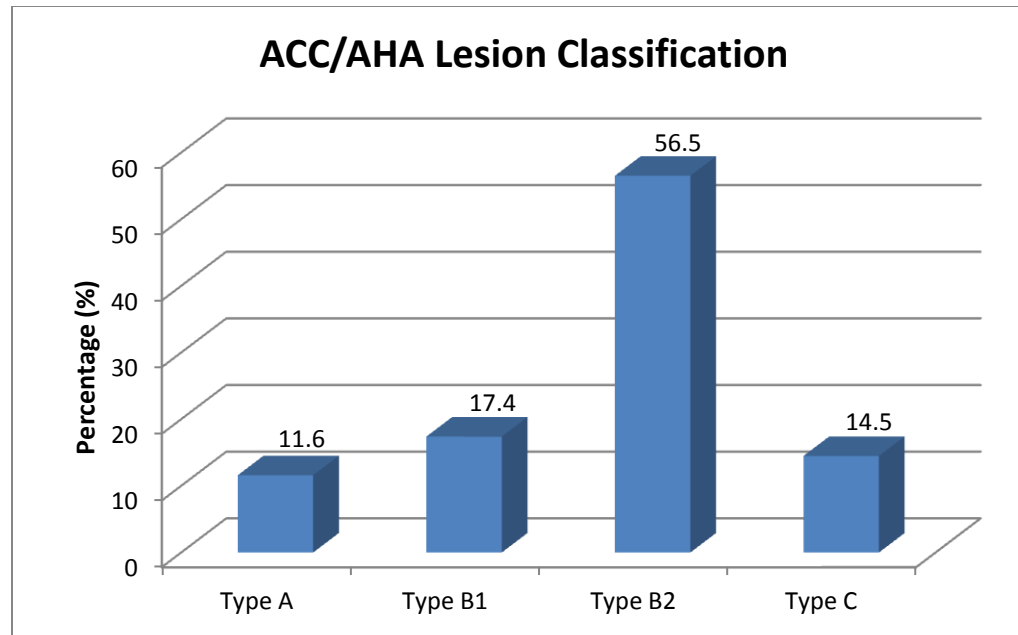
OCT follow-up at 6 and 36 months

Analysed by Cardialysis BV, Rotterdam, the Netherlands

❖ Clinical presentation

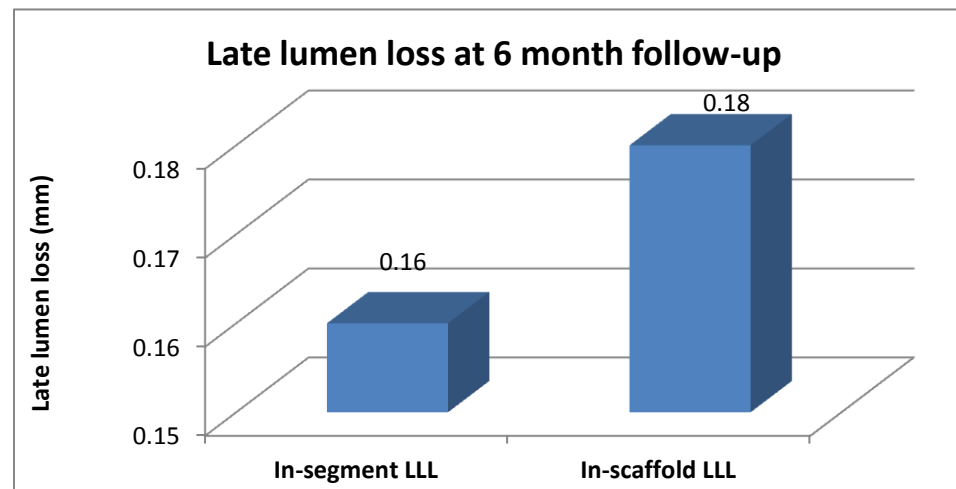


Clinical Presentation



Lesion Characteristics (ACC/AHA Classification)

### ❖ Study Results



## ❖ References

1. ClinicalTrial.gov no: NCT02663323  
<https://clinicaltrials.gov/ct2/show/NCT02663323>
2. Presented by Alexandre Abizaid. MeRes-1 Extend: One-year clinical results with a thin-strut PLLA based sirolimus-eluting BRS in patients with coronary artery disease. At EuroPCR 2018.  
<http://www.cronline.org/presentation-detail/meres-1-extend-one-year-clinical-results-with-thin>
3. Presented by Praveen Chandra. Next generation BRS-MeRes100 science & clinical update. At TCT 2018.
4. Presented by Alexandre Abizaid. Evidences from the meriT-V randomized trial on BioMime SES and from MeRes-1 Extend, MeRes100 BRS 1st in man evaluation. At EuroPCR 2017.  
<https://www.pconline.com/Cases-resources-images/Resources/Educational-interviews/Evidences-from-the-meriT-V-randomized-trial-on-BioMime-SES-and-from-MeRes-1-Extend-MeRes100-BRS-1st-in-man-evaluation>