The meriT-1 Study

Study Highlights

- Principal Investigator: Dr. Sameer Dani
- The meriT-1 was a single center, first-in-man trial which showed favourable results of BioMime sirolimus-eluting coronary stent system (SES) in treatment of *de novo* coronary artery lesions.
- Two years clinical follow-up with angiographic analysis at 8 months.

Clinical outcomes:
- 0% MACE at 2 Years
- 0% ST at 2 years
- 0.15mm In-stent LLL
- 0% Binary restenosis
Study Design
A prospective, non-randomized, single-arm, first-in-man trial

30 patients were enrolled

Angiographic follow-up at 8 months
Analysed by Cardiovascular Research Centre, Sao Paulo, Brazil

Clinical follow-up at 12 months and 24 months
**Study Results**

**Clinical Presentation**

- Silent Ischemia: 30.0%
- Stable angina: 13.3%
- Unstable angina: 30.0%
- Recent MI (<30 days): 26.7%

**Lesion Type (ACC/AHA)**

- B1: 23.3%
- B2: 50.0%
- C: 26.7%
References

1. ClinicalTrials.gov – NCT01507519
   https://clinicaltrials.gov/ct2/show/NCT01507519