A Prospective Single-Centre Registry to Investigate Safety of M’Sure-S (Sirolimus Eluting Coronary Stent)

507 Samedh,
Near Associated Petrol Pump,
C.G. Road,
Ahmedabad-380003, INDIA
Euro PRISM is a Prospective Single Centre Registry to Investigate Safety of M’Sure-S.

Dr. Marc Silvestry, Sr. Interventional Cardiologist is the Investigator for the Study.

Study Centre: Clinique Axium, Axien Provence, Marseille, France.
EURO - PRISM: clinical and Angiographic status

- 136 coronary vessels Left Ant. Descending-Diag: 47%
- Stable angina: 53.9%
  - Right Coronary: 32%
  - NSTEMI: 21.5%
  - Circumflex-Marginal: 17%
  - Silentischémia: 18.6%
  - Left main: 2.9%
  - STEMI: 5.8%
  - Saphenous Vein Graft: 1.1%

- Single Vessel Disease: 46.2%
- Double VD: 32.3%
- Triple VD: 21.5%
  - TIMI 3: 92%
  - TIMI 0: 5%
  - Bifurcation lesions: 22.5%

- Type A lesion: 12%
- Type B: 74%
- Type C: 14%
  - Calcifications: None: 50%
  - Mild: 36%
  - Moderate: 10%
  - Severe: 4%
EURO-PRISM: Procedure

- 162 stents (1.58/patient)
- Radial approach: 67%
  - 5F: 8.8%
  - 6F: 90.1%
  - 7F: 1.1%
- Stent diameter (mm): 2.5: 19%
  - 2.75: 27%
  - 3.0: 27%
  - 3.5: 19%
  - 4.0: 8%
  - 28: 11.5%
- Stents lengths (mm): 8: 6.5%
  - 12: 8.4%
  - 16: 18.1%
  - 20: 17.7%
  - 24: 13.3%
  - 32: 7.2%
  - 36: 5.3%
  - 40: 12%
**EURO-PRISM**: Results

- **In hospital:**
  - No death, urgent CABG nor repeat revascularization
    - 2 MI: 1 side branch occlusion
      - 1 no reflow (SVG)
    - 1 transfusion due to groin hematoma

- **One month follow up (100%):**
  1 cardiac arrest resuscitated with patency of stent at angiogram
EURO-PRISM: One year follow up

- 100/102 pts: 98%
- No MACCE: 92%
- MACCE: Death: 1%, non cardiac (88 y.o, Alzheimer disease)
- CABG = 0%
- Repeat PTCA: In vessel: 4%
- Edge effect (proximal): 3%
- Balloon jailed Diag, no ISRLAD stent (1%)
- New lesion: 3%
EURO-PRISM: conclusions

- Safety and efficiency of M’Sure stents (no mortality)
- Low rate of MACCE at one year particularly repeat in segment PTCA despite all comers patients