Valiant Mona LSA: Device Overview

**Main Stent Graft (MSG)**
- Flexible, conical-shaped cuff for BSG
- RD visualization proximal and distal
- Diameters: 30 – 46mm
- Nominal length: 15cm

**Branch Stent Graft (BSG)**
- Nitinol helical stent with high radial force
- PE material with proximal flare
- Diameters: 10, 12, 14mm
- Length: 40mm

Valiant Mona LSA: Delivery System

**Delivery System**
- Two wire system
  - Main/primary aortic tracking wire
  - LSA cannulation wire
  - Pre-cannulated LSA cuff
  - Tip capture for precise MSG delivery

Main Stent Graft Deployment

Branch Stent Graft Deployment
Valiant Mona LSA Early Feasibility Trial
1-Year Outcomes

Baseline Demographics and Clinical Characteristics

- 9 patients in total, 7 US and 2 UK
- Mean age: 73 years (63-87)
- 67% female

- Mean Maximum Aneurysm Diameter: 53.7 mm (42-76)
- Mean LSA Diameter: Ostium – 10.3mm (8-11), Distal – 9.6mm (8-10)
Procedural Characteristics

- 100% successful delivery and deployment of MSGs and BSGs
- Duration of procedure: 125 min. (60-227)
- General anesthesia used in all 9 cases
- 7 patients received distal Valiant device to extend coverage
- Mean hospital procedure stay: 5.9 days (5-8)

Primary Endpoints

- Treatment Success*: 100%
- Technical Success: 100%

Composite Safety Endpoints through 1-Year

- All-Cause Mortality: 0 patients
- Aneurysm-Related Mortality: 0 patients
- Stroke: 3 patients, all within 30d
  - Minor, non-disabling neurological events
  - All regained full functional status; all still alive
- Paraplegia: 0 patients
- Left Arm/Hand Ischemia: 0 patients

*Definition varies in different centers, which the coronary arteries and back of the arm graft.