

Laser In Situ Fenestration Study

NCT06411990

Status	RECRUITING
Phase	Not Applicable
Sponsor	Jonathan Bath
Enrollment	15 participants

Key Eligibility Criteria

Inclusion (13)

- Aortic aneurysm ≥ 5.5 cm in a man or ≥ 5.0 cm in a woman or rapid expansion deemed at significant risk for rupture in the juxtarenal or pararenal aorta.
- Endovascular aortic repair requiring coverage of renovisceral branches.
- Not candidate or at high risk for open repair. For example, but not exclusively, due to renal dysfunction, previous abdominal surgery, obese body habitus, previous coronary bypass grafts or high cardiac risk, chronic obstructive pulmonary disease (COPD) or on oxygen at rest, poorly controlled diabetes, current smoking, or antiplatelet or anticoagulation use.
- Proximal aortic landing zone in Zone 5 of the aorta or previous graft of at least 10 mm in length and diameter of between 20 and 40 mm.
- Distance ≥ 5 mm between top of graft fabric and renovisceral branch orifice.

... and 8 more (see full listing online)

Exclusion (6)

- Known sensitivities or allergies to the materials of construction of the devices, including Nitinol, polyester, Platinum-Iridium, stainless steel, fluoropolymer, and heparin.
- Known hypersensitivity or contraindication to anticoagulation or contrast media that cannot be adequately medically managed.
- Uncorrectable coagulopathy.
- Body habitus that would inhibit radiographic visualization of the aorta or exceeds the safe capacity of equipment.
- Concurrent participation in another research protocol for investigation of an experimental therapy.

... and 1 more (see full listing online)

Locations (1 total)

University of Missouri - Columbia, Columbia, Missouri, United States