Patient Selection
(includes Spiral-Z™ AAA Iliac Leg and Z-Trak® Introduction System)
Patient Selection

The objective of patient selection is to determine if the patient is:

- A candidate for AAA repair
- A candidate for endovascular therapy
- A candidate for implantation of the Zenith Flex® AAA Endovascular Graft

Zenith Flex® — Insist on precise placement and unrivaled migration resistance.
Patient Selection - Inclusion

*Indicated Morphology as per IFU*

- Adequate iliac/femoral access compatible with the required introduction systems
- Nonaneurysmal infrarenal neck proximal to the aneurysm that has:
  - Length $\geq 15$ mm
  - Diameter of no greater than 32 mm and no less than 18 mm (measured outer wall to outer wall)
  - Angle $< 60^\circ$ relative to long axis of aneurysm
  - Angle $< 45^\circ$ relative to axis of suprarenal aorta

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Patient Selection - Inclusion

*Indicated Morphology as per IFU*

- Iliac artery distal fixation site that has:
  - Length > 10 mm (preferably > 20 mm)
  - Diameter 7.5-20 mm (measured outer wall to outer wall)
Patient Selection - Inclusion

Proximal neck ≥ 15 mm in length
  < 15 mm = inadequate seal

Proximal neck ≥ 18 mm or ≤ 32 mm in diameter
  Smallest diameter of device is 22 mm; largest is 36 mm.

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Patient Selection - Inclusion

Iliac artery diameter (measured inner wall to inner wall) should be compatible with delivery systems that have the profile of a 16-22 Fr introducer sheath.

Iliac diameter 7.5-20 mm at distal fixation site (measured outer wall to outer wall)
Largest diameter leg is 24 mm.

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Patient Selection - Exclusion

Proximal neck with circumferential thrombus
   Inadequate seal

Iliac distal fixation site < 10 mm in length
   Inadequate seal

Inability to maintain at least one patent hypogastric artery
   Bowel ischemia, paralysis

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Patient Selection - Exclusion

Significant occlusive disease, tortuosity or calcification

*Inability to position and implant device*

Unsuitable arterial anatomy

*Inability to position and implant device*
Patient Selection - Exclusion

Proximal neck: inverted funnel shape

Inadequate seal and prone to migration

Proximal neck angle > 60 degrees relative to the long axis of the aneurysm

Inadequate seal and increased risk of migration

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Patient Selection - Exclusion

Immediate suprarenal neck angulated more than 45° relative to the immediate infrarenal neck

*Inadequate seal and increased risk of migration*

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Patient Selection

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Going beyond. That’s what it means to Transcend.
That’s the essence of Zenith.