

Zenith Alpha™

THORACIC ENDOVASCULAR GRAFT

DEVICE PLANNING AND SIZING WORKSHEET

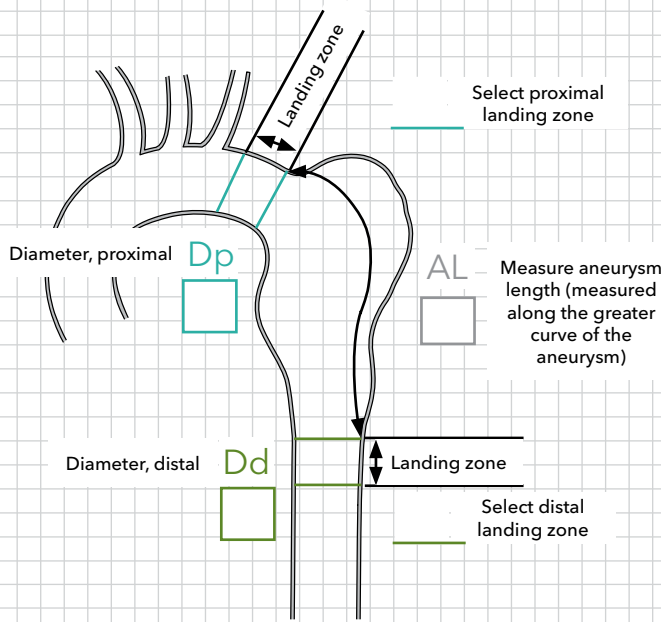
Date: _____ Patient ID: _____
 Hospital: _____
 Physician name: _____
 Physician phone #: _____
 Physician e-mail: _____
 Physician signature: _____
 Purchase order number: _____

Anatomical measurements

Introduction site

- Right iliac External iliac (EI) measurement _____ mm
- Left iliac External iliac (EI) measurement _____ mm

Introduction system: 24-30 mm grafts = 6.0 mm (OD)
 32-38 mm grafts = 7.1 mm (OD)
 40-46 mm grafts = 7.7 mm (OD)



Aortic vessel diameters; CT diameters are outer wall to outer wall

Components

Proximal and distal components are recommended because they provide active fixation proximally and distally. A proximal component should only be used independently for ulcer and/or saccular aneurysms.

Device overlapping

A minimum overlap of 3 stents is recommended. Ensure that the distal graft does not extend beyond the top sealing stent of the proximal graft.

Tapered anatomy

If D_p (diameter, proximal neck) is 4 mm > D_d (diameter, distal neck), then a proximal tapered graft may be used.

Proximal grafts

Proximal aortic vessel diameter (D_p) =

Select the graft diameter from the vessel oversizing chart below.

$$\boxed{\text{AL}} \text{ plus } \underline{\hspace{2cm}} = \frac{\hspace{2cm}}{\text{Proximal working length}}$$

Select the graft length that is closest to the working length.

Proximal Graft (ZTA-P)

Diameter mm	Length mm
24, 26	105
28, 30, 32	109, 155, 201
34, 36	113, 161, 209
38, 40	117, 167, 217
42	121, 173, 225
44, 46	125, 179, 233

Proximal Tapered Graft (ZTA-PT)

Diameter mm	Length mm
30	108
32	178, 201
34, 36	161, 209
38, 40	167, 217
42	173, 225
44, 46	179, 233

Proximal graft order number = ZTA-P - -

Graft diameter Graft length

Proximal tapered graft order number = ZTA-PT - - -

Graft diameter Graft diameter Graft length

Distal grafts

Distal aortic vessel diameter (D_d) =

Select the graft diameter from the vessel oversizing chart below.

$$\boxed{\text{AL}} \text{ plus } \underline{\hspace{2cm}} = \frac{\hspace{2cm}}{\text{Distal working length}}$$

Select the graft length that is closest to the working length.

Distal Graft (ZTA-D)

Diameter mm	Length mm
28, 30, 32	160
34, 36	142, 190
38	147, 197
40	197
42	204
44, 46	211

Distal graft order number = ZTA-D - -

Graft diameter Graft length

Vessel oversizing chart (10%-25%)

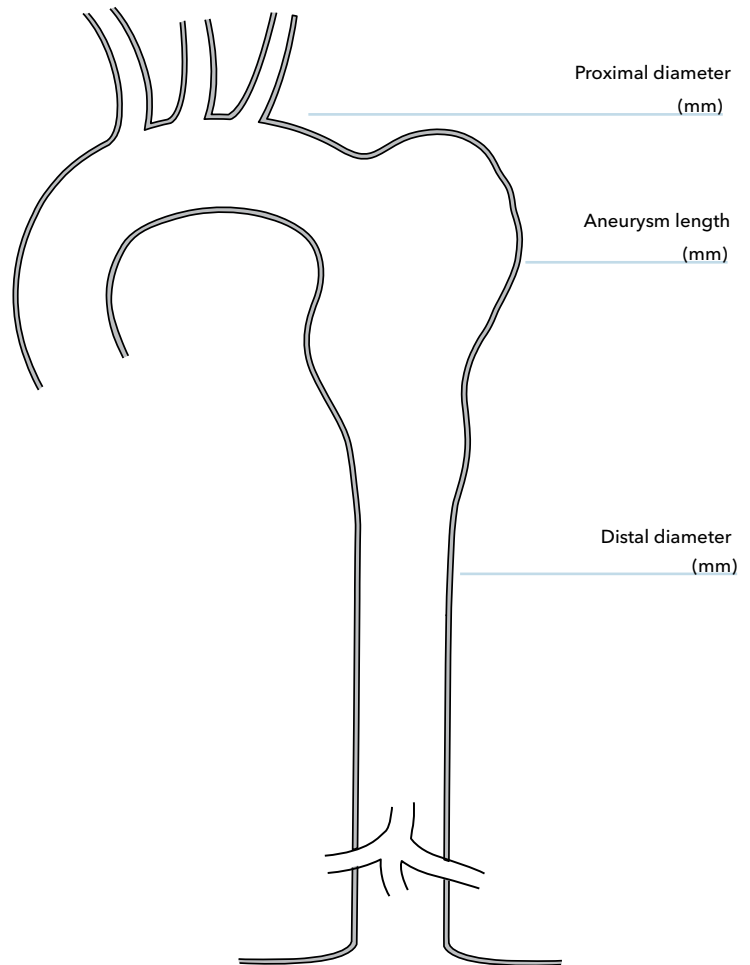
Aortic Vessel Outer Diameter (Dp and Dd) mm	Graft Diameter mm
20 - 21	24
22 - 23	26
24 - 25	28
26 - 27	30
28 - 29	32
30	34
31 - 32	36
33 - 34	38
35 - 36	40
37 - 38	42
39	44
40 - 42	46

When selecting a graft diameter, refer to the oversizing chart.

Additional considerations may affect the choice of diameter.



CASE NOTES



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