



# Flixene Vascular Graft

The Right Graft for AV Access

# Clinical Practice Guidelines for Vascular Access

## KDOQI Guidelines



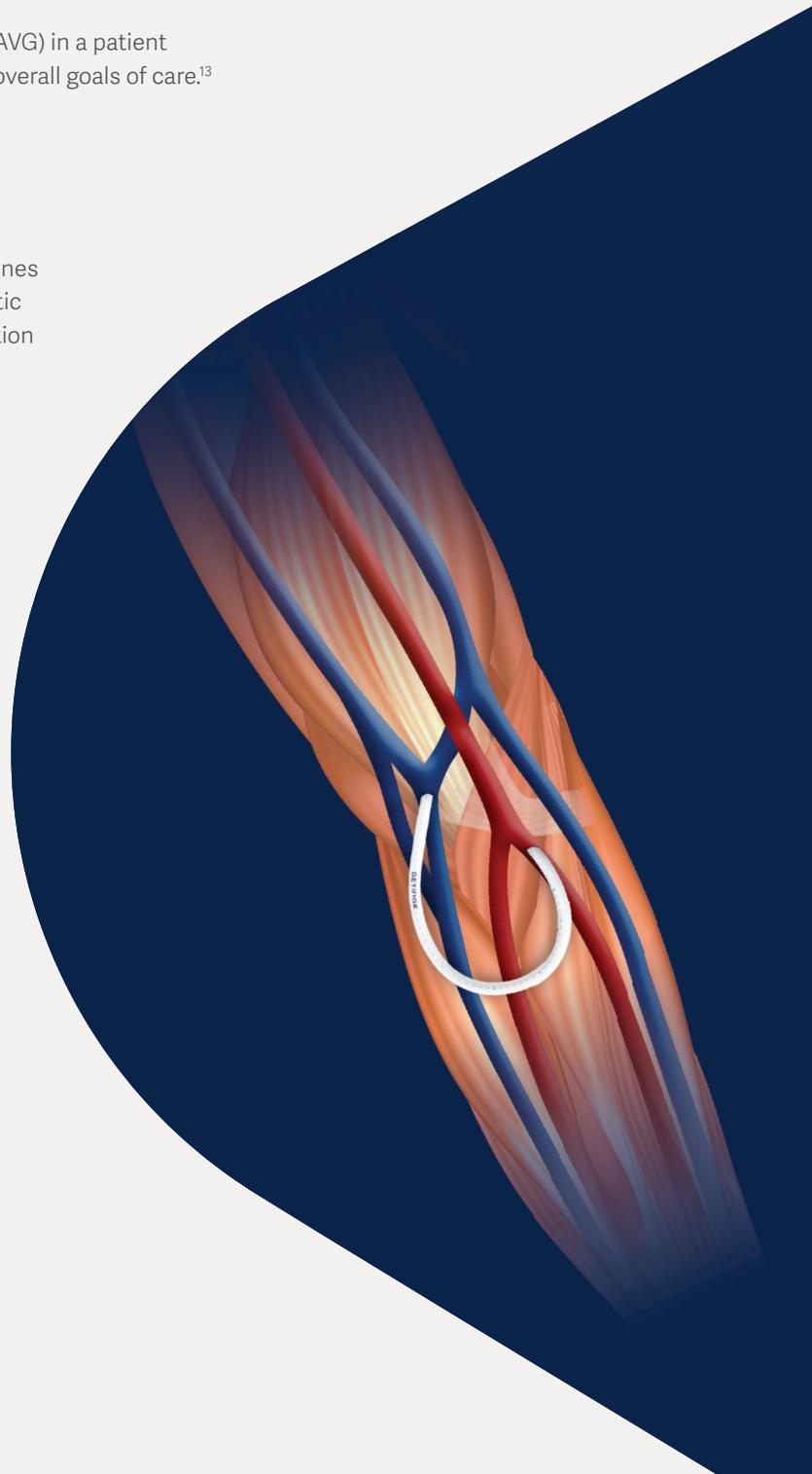
The latest KDOQI guidelines for dialysis care encourage **“Attainment of the ‘right access, in the right patient, at the right time, for the right reasons.’”**

KDOQI considers it reasonable to have an AV access (AVF or AVG) in a patient requiring HD, when consistent with their ESKD Life-Plan and overall goals of care.<sup>13</sup>

## ESVS Guidelines

The European Society for Vascular Surgery (ESVS) 2018 guidelines on dialysis access emphasize a fistula-first approach. Prosthetic arteriovenous grafts (AVGs) are considered the secondary option when a fistula is not feasible, and central venous catheters (CVCs) are a last-resort tertiary option.<sup>14</sup>

While fistulas are preferred in general, the guidelines identify specific scenarios where a prosthetic AV graft is indicated or advantageous over a new fistula. This includes situations such as: no suitable autologous vessel for an AVF, elderly patients with high fistula failure risk, urgent or early dialysis need, failed prior access, and other anatomical challenges.

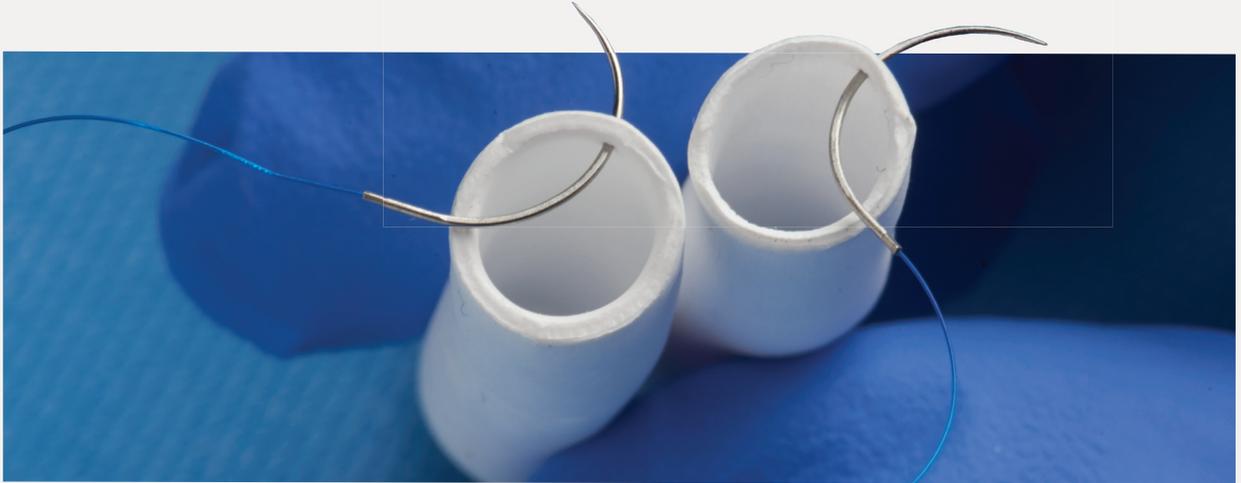


# Why Flixene stands out.



## The right graft for suturability and handling

- Reduced wall thickness on each end<sup>2</sup>
- Unique graduated wall design for ease of suturing<sup>2</sup>
- Tapered configuration designed to change flow dynamics<sup>12</sup>



## The right graft for early cannulation

- On-label for 24 hour access<sup>1</sup>
- Demonstrated as a safe and effective early cannulation option<sup>5,7</sup>
- An alternative to central venous catheters<sup>5,7</sup>



# Designed for getting it right.



## The right graft for long-lasting durability and proven reliability

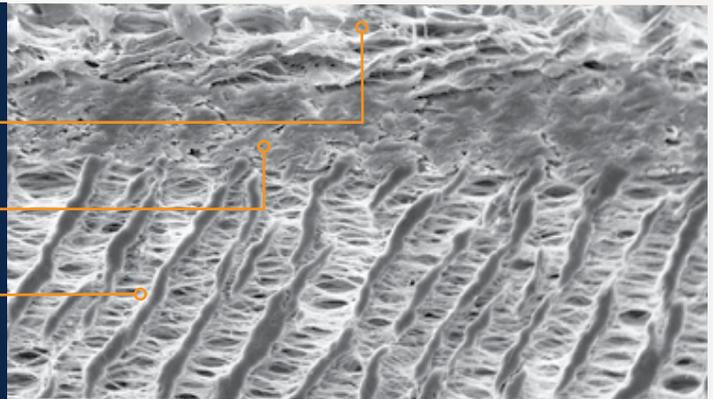
- 3 layer graft comprised of ePTFE<sup>1</sup>, designed for repeated needle cannulation related to dialysis care<sup>2</sup>
- Key studies have demonstrated secondary patency rates greater than **83% at 12 months.**<sup>3,4,5,6,7</sup>
- The secondary patency rate was **77.7% at five years** (as reported by He et al.)<sup>7</sup>

### 3-Layer ePTFE graft

Large pore (nominal 60µm) surface layer, more receptive to tissue in-growth<sup>8</sup>

Middle layer, reinforcing wrap for increased support<sup>9</sup>

Small pore (nominal 20µm) base layer inner graft surface porosity<sup>10</sup>



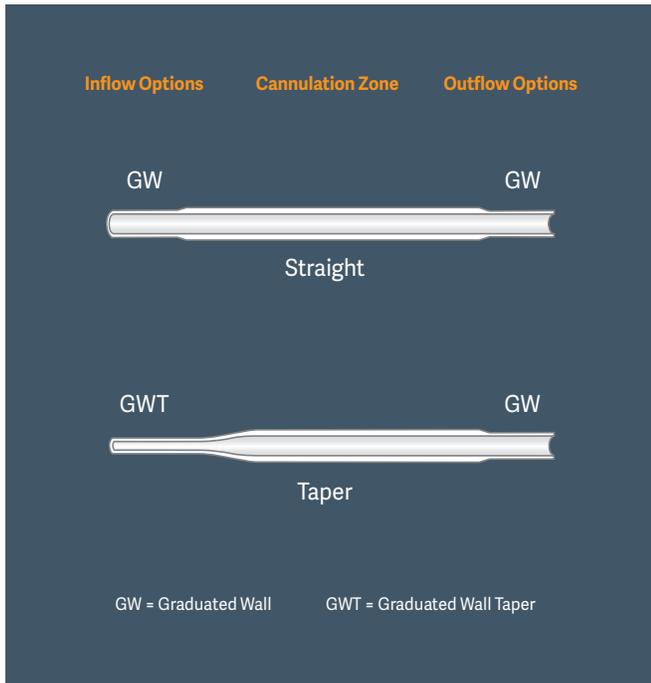
## The right graft for safe graft placement

- Low-profile Graft Deployment System (GDS), designed to make tunneling easier than conventional practices<sup>11</sup>
- Improved primary patency at 180 days (as reported by Schild et al.)<sup>11</sup>
- Minimized soft tissue trauma and reduced graft sweating (as reported by Schild et al.)<sup>11</sup>



# Product information

## Flixene Vascular Graft



### Straight



Diameter	Length	Wall thickness	Slider GDS	Reference
6 mm	10 cm	SW	No	25053
6 mm	30 cm	GW	Yes, 1	25125
6 mm	30 cm	SW	Yes, 1	25142
6 mm	40 cm	GW	Yes, 1	25061
6 mm	50 cm	SW	Yes, 1	25052
6 mm	50 cm	GW	Yes, 1	25058
7 mm	10 cm	SW	No	25054
7 mm	30 cm	GW	Yes, 1	25126
7 mm	40 cm	GW	Yes, 1	25062
7 mm	50 cm	SW	Yes, 1	25056
7 mm	50 cm	GW	Yes, 1	25059
7 mm	80 cm	GW	Yes, 1	25120
8 mm	50 cm	SW	No	25057

Graduated wall is approximately 8 cm on Flixene Straight Grafts.

### Tapered



Diameter	Length	Wall thickness	Slider GDS	Reference
4–6 mm	35 cm	GWT-GW	Yes, 2	25128
4–6 mm	45 cm	GWT	Yes, 2	25134
4–6 mm	45 cm	GWT-GW	Yes, 2	25137
4–7 mm	30 cm	GWT-GW	Yes, 2	25141
4–7 mm	35 cm	GWT-GW	Yes, 2	25129
4–7 mm	45 cm	GWT	Yes, 2	25135
4–7 mm	45 cm	GWT-GW	Yes, 2	25138

Graduated wall is approximately 8 cm on Flixene tapered grafts.

## Vascular Graft Tuner Instrumentation

### Tunnel Rod

Product	Description	Reference
AV-1, vascular graft tunnel rod	26 cm length with 50° curve (stainless steel)	26012
AV-2, vascular graft tunnel rod	27 cm length with 180° curve (stainless steel)	26013
PV-1, vascular graft tunnel rod	33cm length with 12° curve (stainless steel)	26014
PV-2, vascular graft tunnel rod	58 cm length with 24° curve (stainless steel)	26015

### Tunnel Tip

Product	Description	Reference
Vascular graft tunneler tips (4 mm)	Set of 2	26018
Vascular graft tunneler tips (5 mm)	Set of 2	26019
Vascular graft tunneler tips (6 mm)	Set of 2	26007
Vascular graft tunneler tips (7 mm)	Set of 2	26008
Vascular graft tunneler tips (8 mm)	Set of 2	26009
Vascular graft tunneler tips (10 mm)	Set of 2	26010
Set of 8 size vascular graft tunneler tips	2 per size: 6 mm, 7 mm, 8 mm, 10 mm	26006

## References

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4. Scarritt T, Paragone CM, O’Gorman RB, et al. Traditional versus early-access grafts for hemodialysis access: a single-institution comparative study. *Am Surg.* 2014;80:155-158.
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8. Data on file
9. Data on file
10. Data on file
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13. Lok, Charmaine et al; KDOQI Clinical Practice Guidelines for Vascular Access: 2019 Update
14. Schmidli, Jurg et al; Editor’s Choice – Vascular Access: 2018 Clinical Practice Guidelines of the European Society for Vascular Surgery (ESVS)



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