



Bionic Fistula Needles

Precision you can feel.
Quality you can count on.



Kimal Bionic Vascular Access

For more than thirty years, Bionic has specialised in vascular access solutions for haemodialysis, earning recognition across Europe for its precision engineering and dependable quality.

Distributed in the UK by Kimal Renal, the Bionic range offers flexibility for varied vascular access techniques and treatment requirements, helping your unit standardise quality while maintaining clinical choice.

Each needle is manufactured from high-grade steel using advanced processes and rigorous inspection to ensure uniform geometry, smooth flow characteristics and dependable handling in everyday practice. The steel cannula is made from chrome-nickel steel (1.4301; Grade SUS304), a trusted material widely used in the medical and pharmaceutical industries for decades. The cannula is fully silicone-coated inside and out, providing smooth insertion and minimizing skin irritation.

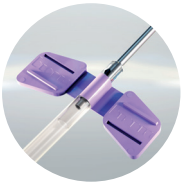


Dialysis Needles with Rotating Wings

Designed for flexibility and ease of alignment during cannulation. The rotating wing mechanism supports secure positioning and stable fixation. Each needle is manufactured for consistent finish and repeatable handling across routine use.

Kimal dialysis needles with rotating wing			Product code		
Gauge	Diam & Length	Wing Colour	Back Eye	15cm Tubing	30cm Tubing
17G	1,50mm x 20mm		Yes	K67/1720/RW/15	
17G	1,50mm x 25mm		Yes		K67/17/RW
16G	1,60mm x 25mm		Yes	K67/8/RW/15	
16G	1,60mm x 20mm		Yes	K67/820/RW/15	
16G	1,60mm x 25mm		No		K67/3/RW
16G	1,60mm x 25mm		Yes		K67/8/RW
15G	1,80mm x 25mm		No	K67/2/RW/15	
15G	1,80mm x 25mm		Yes	K67/7/RW/15	
15G	1,80mm x 20mm		Yes	K67/720/RW/15	
15G	1,80mm x 20mm		Yes		K67/720/RW30
15G	1,80mm x 25mm		No		K67/2/RW
15G	1,80mm x 25mm		Yes		K67/7/RW
14G	2,00mm x 25mm		No		K67/1/RW
14G	2,00mm x 25mm		Yes	K67/6/RW/15	
14G	2,00mm x 25mm		Yes		K67/6/RW
14G	2,00mm x 20mm		Yes	K67/620/RW/15	

STERILE R



Buttonhole Needles with Scab Remover

Designed for repeated cannulation using the Buttonhole technique. The blunt bevel design supports accurate access to established sites with each use. Each needle is manufactured for consistent finish and offered with a scab remover.

Buttonhole needle with scab remover			Product code	
Gauge	Diam & Length	Wing Colour	Back Eye	30cm Tubing
16G	1,60mm x 20mm		Yes	646-AGAM-BH-S
16G	1,60mm x 25mm		Yes	656-AGAM-BH-S
15G	1,80mm x 20mm		Yes	846-AGAM-BH-S
15G	1,80mm x 25mm		Yes	856-AGAM-BH-S
14G	2,00mm x 20mm		Yes	046-AGAM-BH-S
14G	2,00mm x 25mm		Yes	056-AGAM-BH-S

AGAM = Back eye, Red Clamp

STERILE R



Hy-Flo Needles for Single-Needle Dialysis with Rotating Wing

Designed for single-needle dialysis procedures. The ultra-thin-walled cannula and flow-optimised design support efficient blood flow within the system. Each needle is manufactured for consistency and reliability, with a rotating wing for alignment and secure positioning during use.

High Flow single-needle with rotating wing			Product code	
Gauge	Diam & Length	Wing Colour	Back Eye	15cm Tubing
16G	1,60mm x 25mm		Yes	K67/11/RW
15G	1,80mm x 20mm		Yes	K67/10/RW

STERILE R

Dialysis Needles with Extra-Long Tubing

Designed for increased tubing length to support extended reach and mobility during dialysis set-up and treatment.

Kimal dialysis needles with rotating wing and extra long tubing			Product code	
Gauge	Diam & Length	Wing Colour	Back Eye	50cm Tubing
16G	1,60mm x 20mm		Yes	640-AGAM
15G	1,80mm x 25mm		Yes	850-AGAM

AGAM = Back eye, Red Clamp

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Deep Shunt Needles

Designed for sonographically guided deep shunt access, these needles feature a 31mm length to accommodate deeper puncture sites.

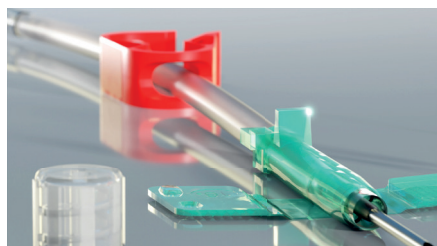
Dialysis Cannula 31mm in length			Product code	
Gauge	Diam & Length	Wing Colour	Back Eye	30cm Tubing
16G	1,60mm x 31mm		No	S8231633
15G	1,80mm x 31mm		No	S8231534

Blue Clamp

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SysLoc® Safety Dialysis Needles

Designed with an integrated safety mechanism that covers the needle after use to support safe disposal. The protection system provides visual and audible confirmation upon activation.



Ergonomic Rotating Wing

The short, transparent rotating wing of the SysLoc® Cannula is specially ergonomically shaped and non-slip to ensure particularly safe and precise handling. It can be easily folded, creating a stable and rigid unit that guarantees a gentle and vascular-friendly puncture. This well-thought-out design enhances handling and provides more comfort throughout the entire procedure.



Optimal Bevel

The optimised bevel of the cannula tube ensures a noticeably reduced pain sensation and minimizes scarring. Thanks to the oval opening of the arterial cannula, vessel suction is prevented, making the treatment even gentler. The high precision of the bevel contributes to an overall more comfortable dialysis experience and reduces the risk of complications.



Safe Disposal

The SysLoc® Cannula offers an additional safety feature: An audible click signals when the cannula has been fully retracted and is locked into the safe disposal position. This acoustic feedback gives the user confidence that the cannula can be disposed of correctly and safely, significantly reducing the risk of needle-stick injuries.

Sysloc -Safety Cannula			Product code		
Gauge	Diam & Length	Wing Colour	Back Eye	15cm Tubing	30cm Tubing
17G	1,50mm x 20mm		Yes	S8621700	S8621707
17G	1,50mm x 25mm		Yes	S-8621711	S8621712
16G	1,60mm x 20mm		Yes	S8621606	S8621609
16G	1,60mm x 25mm		Yes	S8621613	S8621614
15G	1,80mm x 20mm		Yes	S8621506	S8621510
15G	1,80mm x 25mm		Yes	S8621511	S8621512

Back eye, Red Clamp

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