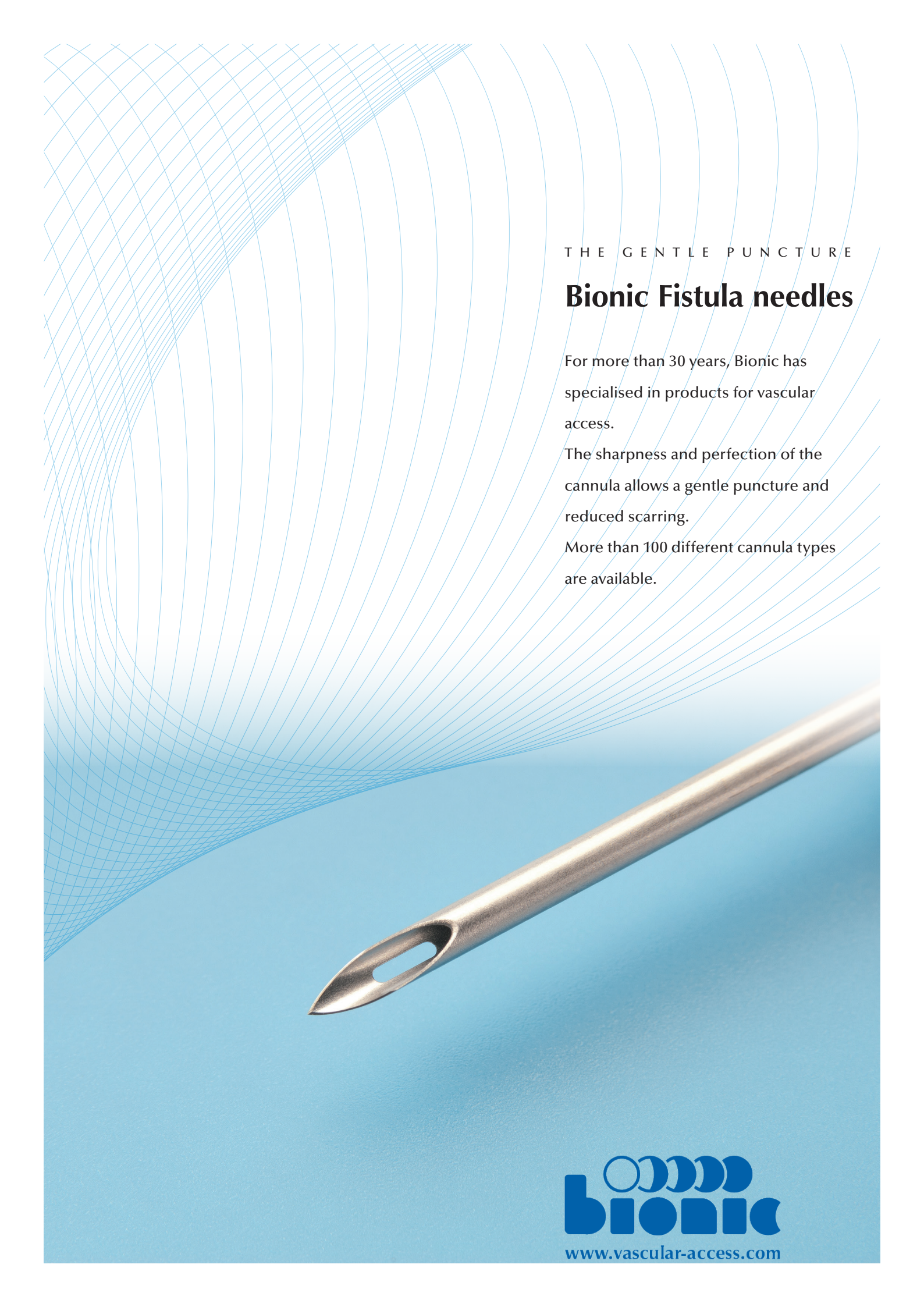




THE GENTLE PUNCTURE

Bionic Fistula needles

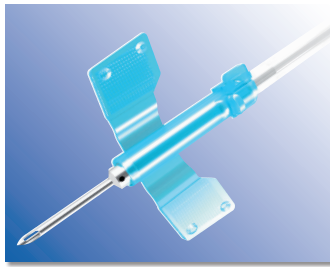
For more than 30 years, Bionic has specialised in products for vascular access.

The sharpness and perfection of the cannula allows a gentle puncture and reduced scarring.

More than 100 different cannula types are available.

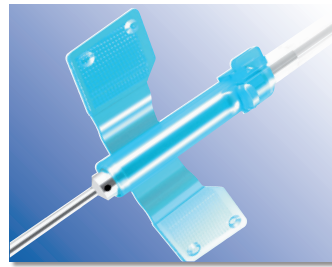

www.vascular-access.com

SysLoc® – the safety cannula



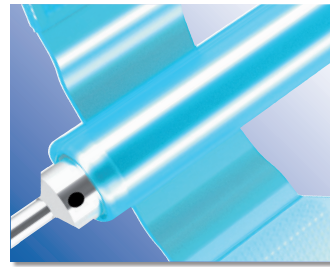
Bevel

The optimized bevel area minimizes pain perception as well as scarring. The slit-shaped back eye of the arterial needle prevents lesions of the vessel's inner surface.



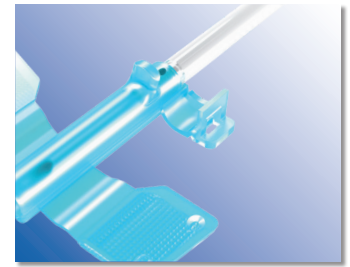
Rotating wings

The shorter and transparent needle wing is ergonomically shaped, provides a strong grip and prevents the needle from rotating while puncturing.



Markers

Red and black markers on the hub show the exact position of the bevel every time at first glance during dialysis treatment.



Signal

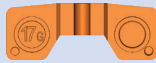
The audible click ensures that the needle is securely locked and reduces the risk of needle stick injuries.

Dimensions Gauge Ø	Ø x Length mm x mm	Wing colour	Order no for		
			15 cm tubing	30 cm tubing	50 cm tubing
17 G, arterial	1,5 x 20 mm		S8621700	S8621707	-
17 G, venous	1,5 x 20 mm		S8621701	S8621708	-
17 G, arterial	1,5 x 25 mm		S8621711	S8621712	-
17 G, venous	1,5 x 25 mm		S8621713	S8621714	-
16 G, arterial	1,6 x 15 mm		-	S8621617	-
16 G, venous	1,6 x 15 mm		-	S8621618	-
16 G, arterial	1,6 x 20 mm		S8621606	S8621609	S8621619
16 G, venous	1,6 x 20 mm		S8621607	S8621610	S8621620
16 G, arterial	1,6 x 25 mm		S8621613	S8621614	-
16 G, venous	1,6 x 25 mm		S8621615	S8621616	-
15 G, arterial	1,8 x 20 mm		S8621506	S8621510	S8621519
15 G, venous	1,8 x 20 mm		S8621507	S8621513	S8621518
15 G, arterial	1,8 x 25 mm		S8621511	S8621512	-
15 G, venous	1,8 x 25 mm		-	S8621515	-

Arterial with back eye and red clamp, venous without back eye and with blue clamp

STERILE R

Dialysis cannula 31 mm in length for sonographically guided, deep shunt puncture

Dimensions Gauge Ø	Ø x Length mm x mm	Wing colour	Order no 30 cm tubing
16 G, venous	1,6 x 31 mm		S8231633
16 G, arterial	1,6 x 31 mm		S8231634
15 G, venous	1,8 x 31 mm		S8231534
15 G, arterial	1,8 x 31 mm		S8231535

Arterial with back eye and red clamp, venous without back eye and with blue clamp

STERILE R

Bionic dialysis needles with rotating wing

Sharpness and perfection of the needle's bevel area minimize pain perception and scarring. The edges of the bevel are carefully rounded so that a smooth insertion is assured and tissue coring is prevented. The silicone coating of the Bionic Fistula Needles combines many important characteristics. It avoids an allergic reaction, blood clotting and provides the desired characteristics for puncturing and withdrawing.



Dimensions Gauge Ø	Ø x Length mm x mm	Wing colour	Order no for		
			15 cm tubing	30 cm tubing	50 cm tubing
18 G	1,3 x 20 mm		-	346A 346V	-
17 G	1,5 x 15 mm		533A 533V 533AV	-	-
17 G	1,5 x 20 mm		543A 543V 543AV 543AA	546A 546V 546AV	-
17 G	1,5 x 25 mm		553A 553V 553AV	556A 556V	-
16 G	1,6 x 15 mm		633A 633V 633AV	636A 636V	-
16 G	1,6 x 20 mm		643A 643V 643AV 643AA	646A 646V 646AV	640A 640V
16 G	1,6 x 25 mm		653A 653V 653AV 653AA	656A 656V	-
15 G	1,8 x 15 mm		833A 833V 833AV	-	-
15 G	1,8 x 20 mm		843A 843V 843AV	846A 846V 846AV	840A 840V
15 G	1,8 x 25 mm		853A 853V 853AV	856A 856V	850A 850V
14 G	2,0 x 20 mm		043A 043V 043AV	046A	-
14 G	2,0 x 25 mm		053A 053V	-	-

A = Arterial with back eye, red clamp
AV = Double pack arterial and venous
Other special sizes on request

V = Venous without back eye, blue clamp
AA = Double pack arterial and arterial

STERILE R

Hy-Flo needles for single-needle dialysis with rotating wing

Dimensions Gauge Ø	Ø x Length mm x mm	Wing colour	Order no 10 cm tubing
17 G	1,5 x 20 mm		542HR
16 G	1,6 x 15 mm		632HR
16 G	1,6 x 20 mm		642HR
16 G	1,6 x 25 mm		652HR
15 G	1,8 x 15 mm		832HR
15 G	1,8 x 20 mm		842HR
15 G	1,8 x 25 mm		852HR

STERILE R

Buttonhole-needle with scab remover

Besides the known advantages of the Bionic Fistula Needles, for example the unique design of the Bionic hub, the silicone coating, the low flow resistance and the slit-shaped back eye the Bionic Buttonhole Needle offers the perfect balance between a pointed and a blunt needle.

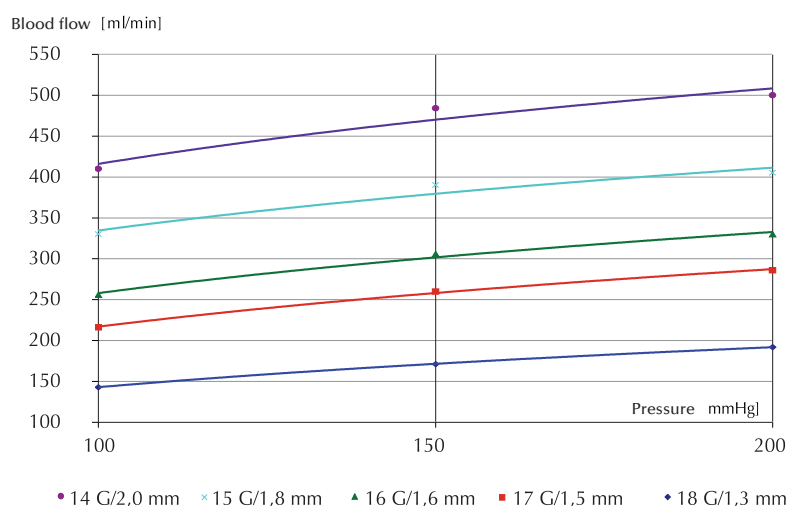
The Bionic Buttonhole Needle which is especially developed for the Buttonhole Technique is a reasonable alternative particularly for home dialysis patients and patients who do self-puncturing.



Dimensions Gauge Ø	Ø x Length mm x mm	Wing colour	Order no for 15 cm tubing	Order no for 30 cm tubing
16 G	1,6 x 20 mm			646AGAM-BH-S
16 G	1,6 x 25 mm			646VGAM-BH-S 656AGAM-BH-S 656VGAM-BH-S
15 G	1,8 x 20 mm			846AGAM-BH-S
15 G	1,8 x 25 mm			846VGAM-BH-S 856AGAM-BH-S 856VGAM-BH-S
14 G	2,0 x 20 mm		043AGAM-BH-S	046AGAM-BH-S
14 G	2,0 x 25 mm			046VGAM-BH-S 056AGAM-BH-S

A = arterial with back eye, red clamp, V = venous without back eye, blue clamp
Other special sizes on request

STERILE R



Low flow resistance is a special feature of Bionic Fistula Needles. Extracorporeal blood flows of up to 350 ml / min are within the range of standard 15 G (1.8 mm) needles. For blood flows of 250 ml/min, 16 G (1.6 mm) needles are recommended.

