

T H E G E N T L E P U N C T U R E

## **Bionic Fistula needles**

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

More than 100 different cannula types are available.



  
**bionic**  
[www.vascular-access.com](http://www.vascular-access.com)

# SysLoc® – the safety cannula



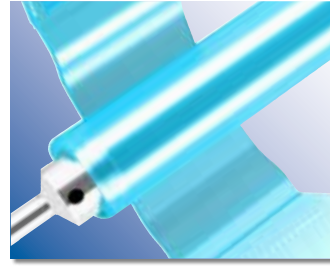
## Bevel

The cannula has an optimized bevel. The slit-shaped back eye of the arterial needle prevents aspiration.



## 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 cut are a matter of course with Bionic needles. The edges of the rear bevel area are carefully rounded.



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		-	346-AGAM • 346-VGAM	-
17 G	1,5 x 15 mm		533-AGAM • 533-VGAM • 533-AV-G	-	-
17 G	1,5 x 20 mm		543-AGAM • 543-VGAM • 543-AV-G • 543-AA-G	546-AGAM • 546-VGAM	-
17 G	1,5 x 25 mm		553-AGAM • 553-VGAM • 553-AV-G	-	-
16 G	1,6 x 15 mm		633-AGAM • 633-VGAM • 633-AV-G	636-AGAM • 636-VGAM	-
16 G	1,6 x 20 mm		643-AGAM • 643-VGAM • 643-AV-G • 643-AA-G	646-AGAM • 646-VGAM • 646-AV-G	640-AGAM • 640-VGAM
16 G	1,6 x 25 mm		653-AGAM • 653-VGAM • 653-AV-G	656-AGAM • 656-VGAM	-
15 G	1,8 x 15 mm		833-AGAM • 833-VGAM • 833-AV-G	-	-
15 G	1,8 x 20 mm		843-AGAM • 843-VGAM • 843-AV-G	846-AGAM • 846-VGAM • 846-AV-G	840-AGAM • 840-VGAM
15 G	1,8 x 25 mm		853-AGAM • 853-VGAM • 853-AV-G	856-AGAM • 856-VGAM	850-AGAM • 850-VGAM
14 G	2,0 x 20 mm		043-AGAM • 043-VGAM • 043-AV-G	046-AGAM	-
14 G	2,0 x 25 mm		053-AGAM • 053-VGAM	-	-

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

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## 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		542-HR
16 G	1,6 x 15 mm		632-HR
16 G	1,6 x 20 mm		642-HR
16 G	1,6 x 25 mm		652-HR
15 G	1,8 x 15 mm		832-HR
15 G	1,8 x 20 mm		842-HR
15 G	1,8 x 25 mm		852-HR

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# 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.

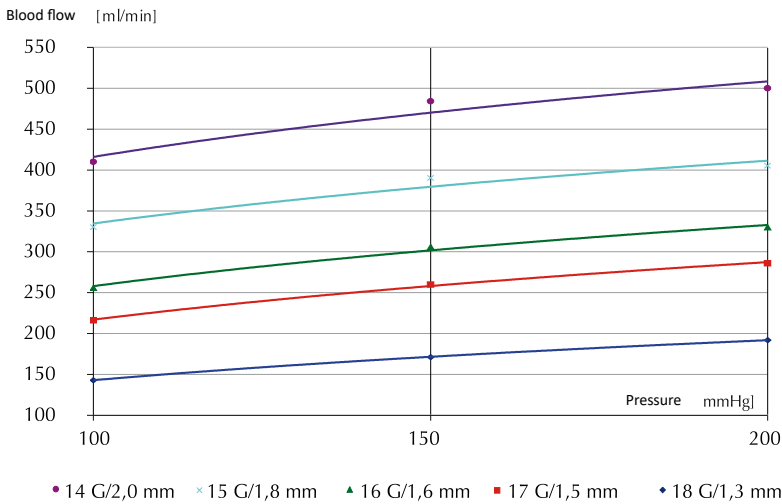
The Bionic Buttonhole Needle which is especially developed for the Buttonhole Technique is a reasonable alternative particularly for home dialysis patients and patients who do self-puncturing.



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			646-AGAM-BH-S 646-VGAM-BH-S
16 G	1,6 x 25 mm			656-AGAM-BH-S 656-VGAM-BH-S
15 G	1,8 x 20 mm			846-AGAM-BH-S 846-VGAM-BH-S
15 G	1,8 x 25 mm			856-AGAM-BH-S 856-VGAM-BH-S
14 G	2,0 x 20 mm		043-AGAM-BH-S	046-AGAM-BH-S 046-VGAM-BH-S
14 G	2,0 x 25 mm			056-AGAM-BH-S

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

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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.

