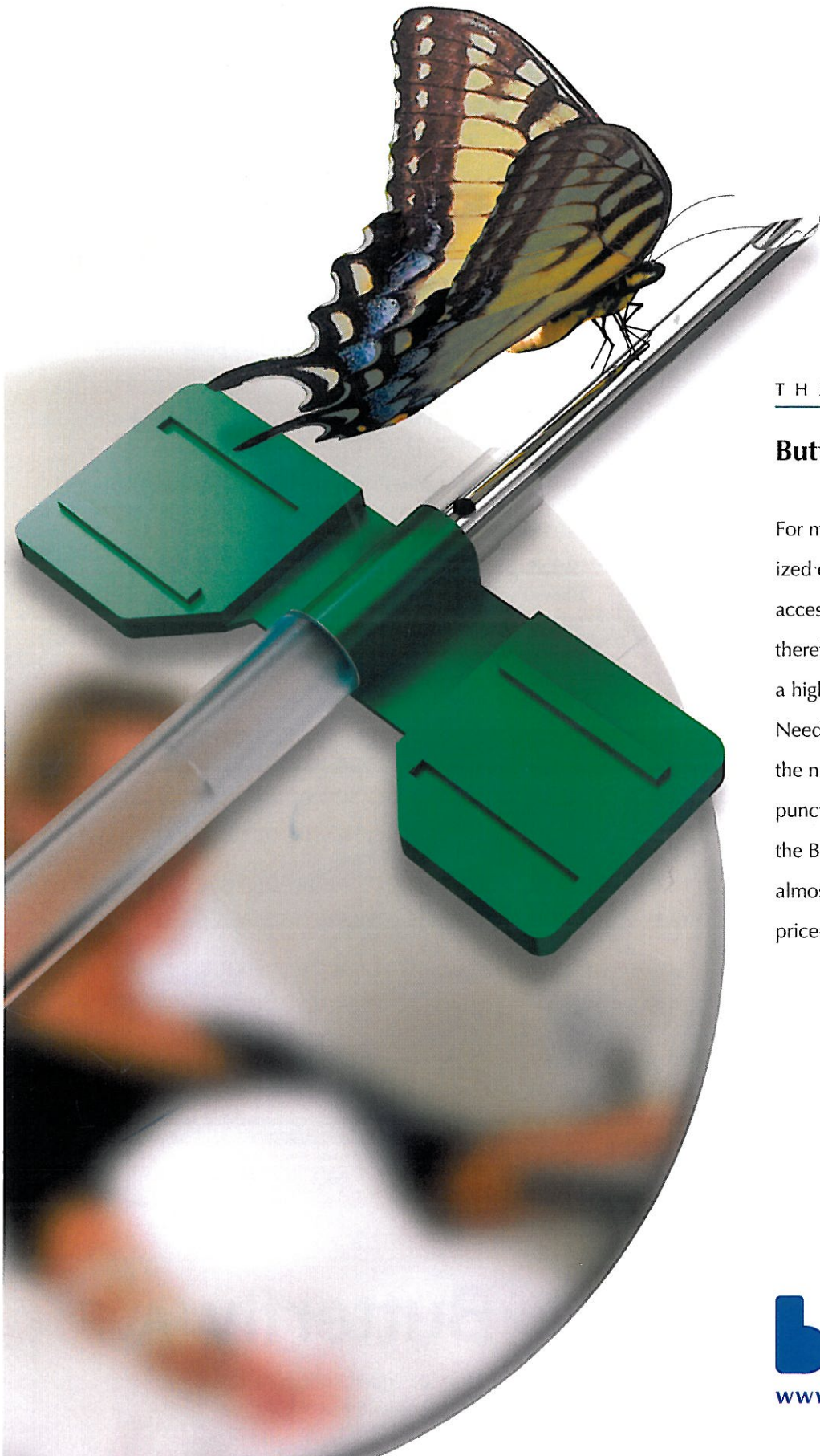


Butterfly[®] AVF[®]



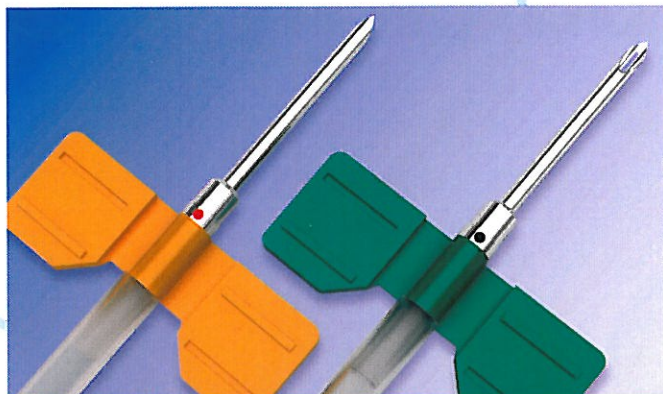
THE GENTLE PUNCTURE

Butterfly AVF[®] Fistula Needles

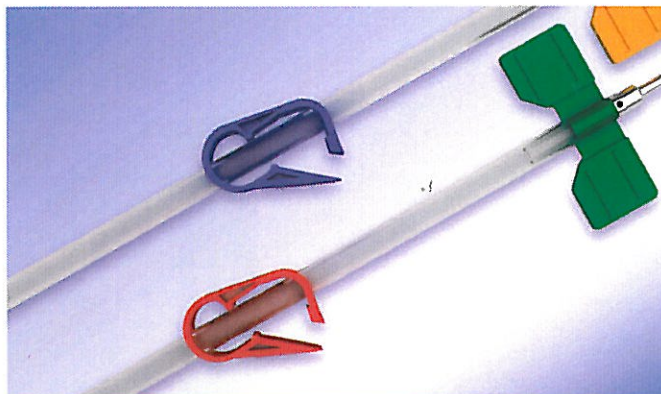
For more than 30 years Bionic is specialized on products around the vascular access. The Butterfly AVF[®] provides therefore the well-known advantages and a high quality standard of Bionic Fistula Needles. Sharpness and perfection of the needle's bevel area offer a gentle puncture and minimize scarring. Within the Butterfly AVF[®] product line there are almost 50 needle types with an optimized price-performance ratio.


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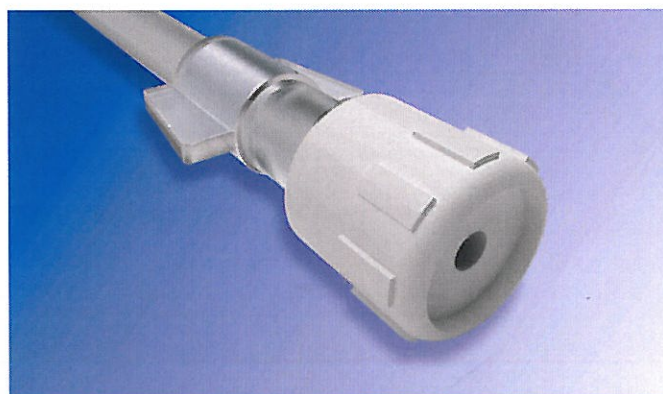
Butterfly AVF® – Quality which satisfies your patients



Rotating wings and coloured markers for the perfect puncturing



Red and blue tube clamps are easy to handle



Luer Lock connector for a safe treatment procedure

The advantages at a glance:

- Sharpness and perfection of the needle's bevel minimize pain perception and scarring
- Silicone coating provides lubrication desired for puncturing and withdrawing.
- Red and black markers show the exact bevel's position
- Colour coded light-weight clamps for safe handling
- Rotating wing and a slit-shaped back eye assure high blood flows by allowing adjustments of the needle position also during treatment.

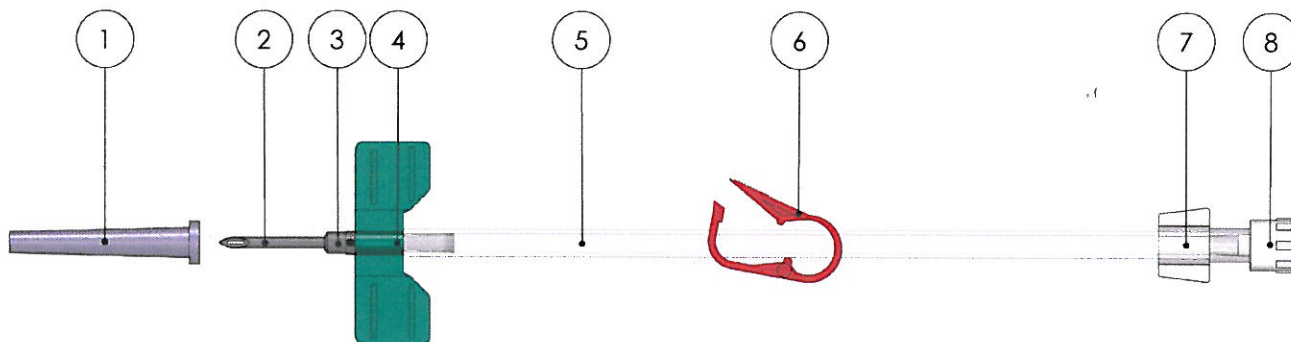
Butterfly AVF® Product Range

Dimensions Ø	Ø x Length	Wing Colour	Order Code for Tube Length, 15 cm			Order Code for Tube Length, 30 cm		
17 G	1.5 x 20 mm		D17A2015	D17V2015	D17AV2015	D17A2030	D17V2030	D17AV2030
17 G	1.5 x 25 mm		D17A2515	D17V2515	D17AV2515	D17A2530	D17V2530	D17AV2530
16 G	1.6 x 20 mm		D16A2015	D16V2015	D16AV2015	D16A2030	D16V2030	D16AV2030
16 G	1.6 x 25 mm		D16A2515	D16V2515	D16AV2515	D16A2530	D16V2530	D16AV2530
15 G	1.8 x 20 mm		D15A2015	D15V2015	D15AV2015	D15A2030	D15V2030	D15AV2030
15 G	1.8 x 25 mm		D15A2515	D15V2515	D15AV2515	D15A2530	D15V2530	D15AV2530
14 G	2.0 x 20 mm		D14A2015	D14V2015	D14AV2015	D14A2030	D14V2030	D14AV2030
14 G	2.0 x 25 mm		D14A2515	D14V2515	D14AV2515	D14A2530	D14V2530	D14AV2530

A = Arterial with back eye, red clamp V = Venous without back eye, blue clamp AV = Set Arterial and Venous Packaging Unit: 100 needles



Bionic Medizintechnik GmbH ... a JMS-corporation · Max-Planck-Straße 21 · D-61381 Friedrichsdorf/Germany
 Phone: +49(0)6172-75760 · Fax: +49(0)6172-757610 · info@bionic-jms.com · www.vascular-access.com



No.	Description	Material
1	Needle cover	PP
2	Needle	Stainless steel
3	Needle hub	PC
4	Rotating wing	PE

No.	Description	Material
5	Tube	PVC
6	Clamp	PP
7	Luer Lock connector	PVC
8	Connector cap	PP

Dimensions Gauge Ø	mm x mm Ø x Length	Wing colour	Order code for tube length 15 cm			Order code for tube length 30 cm		
17 G	1.5 x 20 mm		D17A2015	D17V2015	D17AV2015	D17A2030	D17V2030	D17AV2030
17 G	1.5 x 25 mm		D17A2515	D17V2515	D17AV2515	D17A2530	D17V2530	D17AV2530
16 G	1.6 x 20 mm		D16A2015	D16V2015	D16AV2015	D16A2030	D16V2030	D16AV2030
16 G	1.6 x 25 mm		D16A2515	D16V2515	D16AV2515	D16A2530	D16V2530	D16AV2530
15 G	1.8 x 20 mm		D15A2015	D15V2015	D15AV2015	D15A2030	D15V2030	D15AV2030
15 G	1.8 x 25 mm		D15A2515	D15V2515	D15AV2515	D15A2530	D15V2530	D15AV2530
14 G	2.0 x 20 mm		D14A2015	D14V2015	D14AV2015	D14A2030	D14V2030	D14AV2030
14 G	2.0 x 25 mm		D14A2515	D14V2515	D14AV2515	D14A2530	D14V2530	D14AV2530

A = arterial with back eye, red clamp

V = venous without back eye, blue clamp

AV = Set arterial and venous