

Suture Indication Guide



Skin closure

B. Braun Suture	Structure	Composition	USP	Needle length	Needle angle	Needle body
Monosyn® Quick	Monofilament	Glyconate	3/0, 4/0, 5/0	16, 19, 24 mm	3/8	  
Novosyn® Quick	Braided	Polyglactin 910	3/0, 4/0, 5/0	16, 19, 24 mm	3/8, 1/2	 
Monosyn®	Monofilament	Glyconate	3/0, 4/0, 5/0	16, 19, 24 mm	3/8	  
Symmcora® MID	Monofilament Knotless	Glyconate	3/0, 4/0	16, 19, 24 mm	3/8	 
Symmcora® Permanent	Monofilament Knotless	Polypropylene	3/0, 4/0	16, 19, 24 mm	3/8	 
Dafilon®	Monofilament	Polyamide	3/0, 4/0, 5/0	16, 19, 24 mm	3/8	  
Optilene®	Monofilament	Polypropylene	3/0, 4/0, 5/0	16, 19, 24 mm	3/8	  

Comments

- The undyed version is recommended.
- For needle tips, the MP configuration is the preferred version.

*The information shown in this Suture Indication Guide represents the most common options for each indication.

Episiotomy repair

B. Braun Suture	Structure	Composition	USP	Needle length	Needle angle	Needle body
Novosyn® Quick	Braided	Polyglactin 910	0, 2/0, 3/0	37, 40 mm	1/2	

Comments

- In 3rd grade of episiotomies, the deep muscle layer of the perineal wound should be closed using Novosyn® 2/0 or 3/0.
- For needle tips, the short cutting point configuration is the preferred version.

Subcutaneous closure

B. Braun Suture	Structure	Composition	USP	Needle length	Needle angle	Needle body
Novosyn®	Braided	Polyglactin 910	0, 2/0	22, 26, 30 mm	3/8, 1/2	
Novosyn® CHD	Braided	Polyglactin 910 chlorhexidine diacetate	0, 2/0	22, 26, 30 mm	3/8, 1/2	
Symmcora® MID	Monofilament Knotless	Glyconate	0, 2/0, 3/0	22, 26, 30 mm	3/8, 1/2	



Muscular closure

B. Braun Suture	Structure	Composition	USP	Needle length	Needle angle	Needle body
Novosyn®	Braided	Polyglactin 910	1, 0	37, 40 mm	1/2	
Novosyn® CHD	Braided	Polyglactin 910 chlorhexidine diacetate	1, 0	37, 40 mm	1/2	
Symmcora® LONG	Barbed Monofilament	Polydioxanone	1, 0	37, 40 mm	1/2	

Fascia & trocar

B. Braun Suture	Structure	Composition	USP	Needle length	Needle angle	Needle body
Monomax®	Monofilament	Polyhydroxybutyrate	1, 0, 2/0	26, 30, 36, 40, 48 mm	1/2, hook	
MonoPlus®	Monofilament	Polydioxanone	1, 0	26, 30, 36, 40, 48 mm	1/2, hook	

Comments

- For fascia closure, a 1/2-circle needle is recommended, while the hook needle is used for trocar sites.
- For Monomax®, suture selection varies depending on the Surgical technique performed:
 - Traditional suturing technique: USP 1; HR 48 with loop.
 - Small bites suturing technique: USP 2/0; HR 26 with no loop.

Organs & peritoneum

B. Braun Suture	Structure	Composition	USP	Needle length	Needle angle	Needle body
Symmcora® LONG	Barbed Monofilament	Polydioxanone	0, 2/0, 3/0	30, 26, 22 mm	1/2	●

Vascular anastomosis

B. Braun Suture	Structure	Composition	USP	Needle length	Needle angle	Needle body
Optilene®	Monofilament	Polypropylene	3/0, 4/0, 5/0, 6/0, 7/0, 8/0, 9/0, 10/0	6, 8, 10, 13, 17, 20, 22, 26 mm	3/8, 1/2	● ⊗

Comments

- For vascular anastomosis, a bidirectional suture with two needles is used.
- Available also with black needles.
- For calcified vessels, use a short cutting point.
- Optilene® in USP sizes 9/0 and 10/0, or alternatively Dafilon® in USP sizes 8/0 to 11/0, can be used for microsurgical procedures.



Valves surgery

B. Braun Suture	Structure	Composition	USP	Needle length	Needle angle	Needle body
PremiCron®	Braided	Polyester	0, 2/0	17, 20, 22, 26 mm	1/2	

Comments

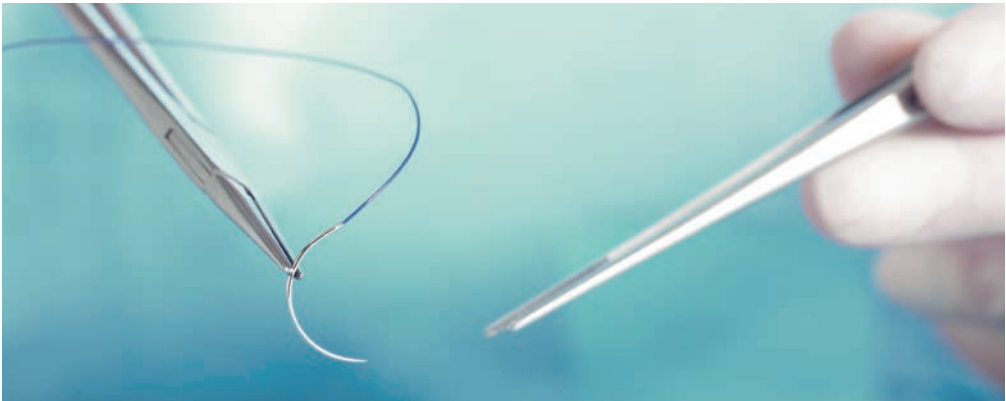
- For valve repair, specifically annuloplasty, PremiCron® without pledgets is used, whereas valve replacement requires PremiCron® with pledgets.
- For mitral valve procedures, a 26 mm needle is recommended, while a 17 mm needle is used for aortic valve surgery.

Capsule closure

B. Braun Suture	Structure	Composition	USP	Needle length	Needle angle	Needle body
Novosyn®	Braided	Polyglactin 910	2, 1	48 mm	1/2	
MonoPlus®	Monofilament	Polydioxanone	2, 1	48 mm	1/2	
Symmcora® LONG	Barbed Monofilament	Polydioxanone	2, 1, 0	48, 37 mm	1/2	

Ligatures

B. Braun Suture	Structure	Composition	USP	Needle length	Needle angle	Needle body
Novosyn®	Braided	Polyglactin 910	2, 1, 0, 2/0, 3/0, 4/0	-	-	-
Silkam®	Braided	Silk	2, 1, 0, 2/0, 3/0, 4/0	-	-	-



Dental & oral surgery

B. Braun Suture	Structure	Composition	USP	Needle length	Needle angle	Needle body
Elasyn®	Monofilament	Polytetrafluoroethylene (PTFE)	4/0, 5/0	12, 16, 18, 19 mm	1/2, 3/8	▼
Dafilon®	Monofilament	Polyamide	4/0, 5/0	19 mm	3/8	▼



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