

The background is a solid light orange color. In the lower half, there are several overlapping, semi-transparent circular shapes of varying shades of orange, creating a layered, organic effect. The text is centered within this area.

Monolac monofilament

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Monolac monofilament is a monofilament sterile absorbable surgical suture composed of a copolymer of glycolide and ϵ -caprolactone. Monolac monofilament is available in dyed, violet or in undyed natural colour. Monolac monofilament is available in a range of gauge sizes and lengths; without needles or attached to stainless steel needles of varying types and sizes.

The material is degraded into adipic acid, which is completely metabolised in the body. The process begins with a loss of tensile strength, followed by a loss of mass at a later stage.

- Indication:** Monolac monofilament is indicated for a wide variety of medical procedures to approximation soft tissues, such as wound closure after surgery or injury, ligation, and repair of various tissues, and to prevent bleeding from vessels during and after surgical procedure.
- Contraindication:** Monolac monofilament should not be used in tissues subject to expansion, stretching or distension, or which might require long-term mechanical support.
- Sizes:** 6/0 to 2 USP
- Structure:** Monofilament
- Absorption method:** Hydrolysis
- Strength Retention Profile:**











MID-TERM HEALING (30 days)	
1 Day	100%
7 Days	50 - 60%
14 Days	20 - 30%
- Mass Absorption profile:** 90 - 120 days

Monolac monofilament violet ligatures













Pre-cut threads

EP	USP	Length	Colour	Article No.	Pcs./box
3	2/0	1 x 150 cm	Violet	MV0085	24
3.5	0	1 x 150 cm	Violet	MV0086	24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
HR: ½ circle, round body needle						
 HR 13	0.7	6/0	1 x 75 cm	Violet	MV0251	24
	1	5/0	1 x 75 cm	Violet	MV0252	24
	1.5	4/0	1 x 75 cm	Violet	MV0253	24
	2	3/0	1 x 75 cm	Violet	MV0249	24
 HR 17	1.5	4/0	1 x 75 cm	Violet	MV0254	24
 HR 18	1	5/0	1 x 75 cm	Violet	MV0256	24
	1.5	4/0	1 x 75 cm	Violet	MV0257	24
	2	3/0	1 x 75 cm	Violet	MV0258	24
 2 x HR 18	2	3/0	1 x 34 cm	Violet	MV1356	24
 HR 22	1.5	4/0	1 x 75 cm	Violet	MV0261	24
	2	3/0	1 x 75 cm	Violet	MV0262	24
	3	2/0	1 x 75 cm	Violet	MV0263	24
 2 x HR 22	3	2/0	1 x 45 cm	Violet	MV0963	24
	1.5	4/0	1 x 75 cm	Violet	MV0965	24
	2	3/0	1 x 90 cm	Violet	MV0964	24
 HR 26	2	3/0	1 x 75 cm	Violet	MV0166	24
	3	2/0	1 x 75 cm	Violet	MV0167	24
 HR 27	1	5/0	1 x 75 cm	Violet	MV0264	24
	1.5	4/0	1 x 75 cm	Violet	MV0265	24
	2	3/0	1 x 75 cm	Violet	MV0266	24
	3	2/0	1 x 75 cm	Violet	MV0267	24
	2	3/0	1 x 90 cm	Violet	MV0366	24
	3	2/0	1 x 90 cm	Violet	MV0367	24
 2 x HR 27	2	3/0	1 x 75 cm	Violet	MV2266	24
 HR 27	1.5	4/0	1 x 90 cm	Violet	MV2275	24
	2	3/0	1 x 90 cm	Violet	MV2276	24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
HR: ½ circle, round body needle						
HR 30 	2	3/0	1 x 75 cm	Violet	MV0269	24
	3	2/0	1 x 75 cm	Violet	MV0273	24
	3.5	0	1 x 75 cm	Violet	MV0274	24
2 x HR 30 	3	2/0	1 x 90 cm	Violet	MV1373	24
HR 35 	3	2/0	1 x 75 cm	Violet	MV0271	24
	3.5	0	1 x 75 cm	Violet	MV0272	24
	2	3/0	1 x 90 cm	Violet	MV0373	24
	4	1	1 x 90 cm	Violet	MV0376	24
HR 40 	3.5	0	1 x 75 cm	Violet	MV0276	24
	4	1	1 x 75 cm	Violet	MV0277	24
	2	3/0	1 x 90 cm	Violet	MV0377	24
	4	1	1 x 90 cm	Violet	MV0397	24
	5	2	1 x 90 cm	Violet	MV0398	24
HRs: ½ circle, round body needle - slim						
HRs 18 	1.5	4/0	1 x 75 cm	Violet	MV1256	24
HRs 22 	1.5	4/0	1 x 75 cm	Violet	MV1261	24
	2	3/0	1 x 75 cm	Violet	MV1262	
HRs 22 Black 	2	3/0	1 x 75 cm	Violet	MV2262	24
HRs 27 	3	2/0	1 x 75 cm	Violet	MV1267	24
HRX: ½ circle, round body needle - extra strong						
HRX 27 	3	2/0	1 x 75 cm	Violet	MV0430	24
HRX 35 	3	2/0	1 x 75 cm	Violet	MV0280	24
	3	2/0	1 x 90 cm	Violet	MV0380	24
	3.5	0	1 x 90 cm	Violet	MV0381	24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
HRX 40	4	1	1 x 75 cm	Violet	MV0286	24
	4	1	1 x 90 cm	Violet	MV0386	24
	4	1	1 x 150 cm Loop	Violet	MV4530	12
HRX 45	4	1	1 x 90 cm	Violet	MV0390	24
HRX 50	3.5	0	1 x 90 cm	Violet	MV0394	24
	4	1	1 x 90 cm	Violet	MV0395	24
	4	1	1 x 150 cm, Loop	Violet	MV4540	12


HRT: ½ circle, round body needle - tapercut

HRT 17	1.5	4/0	1 x 75 cm	Violet	MV0561	24
	2	3/0	1 x 75 cm	Violet	MV0581	24
	3	2/0	1 x 75 cm	Violet	MV0582	24
HRT 37	3.5	0	1 x 75 cm	Violet	MV0593	24
	4	1	1 x 90 cm	Violet	MV1594	24












HRN: ½ circle, round body needle - blunt point

HRN 50	4	1	1 x 90 cm	Violet	MV0686	24
						

HRF: ½ circle, flattened body needle, taper point











HRF 17	1.5	4/0	1 x 75 cm	Violet	MV9257	24
	1.5	4/0	1 x 75 cm	Violet	MV9261	24
	2	3/0	1 x 75 cm	Violet	MV9262	24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
DR: 3/8 circle, round body needle						
DR 8 	0.7	6/0	1 x 45 cm	Violet	MV0703	24
DR 10 	0.7	6/0	1 x 45 cm	Violet	MV0705	24
DR 12 	0.7	6/0	1 x 45 cm	Violet	MV0713	24
DR 20 	2	3/0	1 x 75 cm	Violet	MV0726	24
DRT: 3/8 circle, round body needle - tapercut						
DRT 13 	0.7	6/0	1 x 45 cm	Violet	MV0544	24
FR: 5/8 circle, round body needle						
FR 27 	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Violet Violet	MV0609 MV0610	24 24
GR: Straight, round body needle						
GR 20 	1 1.5 2	5/0 4/0 3/0	1 x 45 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	MV0405 MV0406 MV0407	24 24 24
HS: 1/2 circle, reverse cutting needle						
HS 12 	1 1.5 2	5/0 4/0 3/0	1 x 75 cm 1 x 75 cm 1 x 75 cm	violet violet violet	MV0312 MV0313 MV0314	24 24 24
HS 18 	1.5 2 3 3.5	4/0 3/0 2/0 0	1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm	violet violet violet violet	MV0323 MV0324 MV0325 MV0327	24 24 24 24
HS 25 	2	3/0	1 x 75 cm	violet	MV1619	24
DS: 3/8 circle, reverse cutting needle						
DS 12 	0.7 1 1	6/0 5/0 5/0	1 x 45 cm 1 x 45 cm 1 x 75 cm	Violet Violet Violet	MV0201 MV0202 MV0203	24 24 24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
DS 13 	1	5/0	1 x 45 cm	Violet	MV0103	24
DS 15 	0.7 1 1.5	6/0 5/0 4/0	1 x 45 cm 1 x 45 cm 1 x 45 cm	Violet Violet Violet	MV0204 MV0205 MV0206	24 24 24
DS 16 	1.5 1	4/0 5/0	1 x 45 cm 1 x 75 cm	Violet Violet	MV1206 MV1205	24 24
DS 19 	1 1.5 2	5/0 4/0 3/0	1 x 45 cm 1 x 45 cm 1 x 45 cm	Violet Violet Violet	MV0214 MV0215 MV0216	24 24 24
	1 1.5 2	5/0 4/0 3/0	1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	MV0210 MV0211 MV0212	24 24 24
DS 25 	2 2 3 3.5	3/0 3/0 2/0 0	1 x 45 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet Violet	MV0122 MV0223 MV0224 MV0225	24 24 24 24
	2	3/0	1 x 90 cm	Violet	MV1223	24
DS 30 	2 3 3.5	3/0 2/0 0	1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	MV0227 MV0228 MV0229	24 24 24
	2	3/0	1 x 90 cm	Violet	MV0226	24
DS 35 	4	1	1 x 75 cm	Violet	MV1240	24
DSM: 3/8 circle, reverse cutting needle - micropoint						
DSM 12 	0.7 1	6/0 5/0	1 x 45 cm 1 x 45 cm	Violet Violet	MV0230 MV0231	24 24
DSM 15 	1 1.5	5/0 4/0	1 x 45 cm 1 x 45 cm	Violet Violet	MV0234 MV0235	24 24
DSM 19 	1.5 2	4/0 3/0	1 x 45 cm 1 x 45 cm	Violet Violet	MV0237 MV0238	24 24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
 DSM 25	2	3/0	1 x 75 cm	Violet	MV0242	24
	1.5	4/0	1 x 90 cm	Violet	MV0240	24
GS: Straight, reverse cutting needle						
 GS 50	2	3/0	1 x 75 cm	Violet	MV0456	24
	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Violet Violet	MV0466 MV0467	24 24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
HR: ½ circle, round body needle						
HR 13 	1	5/0	1 x 75 cm	Natural	MN0252	24
HR 18 	1 1.5	5/0 4/0	1 x 75 cm 1 x 75 cm	Natural Natural	MN0256 MN0257	24 24
HR 22 	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Natural Natural	MN0261 MN0262	24 24
HR 30 	2	3/0	1 x 75 cm	Natural	MN0272	24
HR 35 	3.5	0	1 x 75 cm	Natural	MN0275	24
HRF: ½ circle, flattened body needle, taper point						
HRF 26 	3	2/0	1 x 75 cm	Natural	MN9265	24
FR: 5/8 circle, round body needle						
FR 27 	3	2/0	1 x 75 cm	Natural	MN0610	24
DS: 3/8 circle, reverse cutting needle						
DS 12 	0.7 1	6/0 5/0	1 x 45 cm 1 x 45 cm	Natural Natural	MN0201 MN0202	24
	1	5/0	1 x 75 cm	Natural	MN0203	24
DS 15 	0.7 1 1.5	6/0 5/0 4/0	1 x 45 cm 1 x 45 cm 1 x 45 cm	Natural Natural Natural	MN0204 MN0205 MN0206	24 24 24
	1 1.5	5/0 4/0	1 x 75 cm 1 x 75 cm	Natural Natural	MN0208 MN0209	24 24
DS 19 	0.7 1 1.5 2	6/0 5/0 4/0 3/0	1 x 45 cm 1 x 45 cm 1 x 45 cm 1 x 45 cm	Natural Natural Natural Natural	MN0213 MN0214 MN0215 MN0216	24 24 24 24
	1 1.5 2	5/0 4/0 3/0	1 x 75 cm 1 x 75 cm 1 x 75 cm	Natural Natural Natural	MN0218 MN0211 MN0212	24 24 24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
 DS 25	1.5	4/0	1 x 75 cm	Natural	MN0222	24
	2	3/0	1 x 75 cm	Natural	MN0223	24
	3	2/0	1 x 75 cm	Natural	MN0224	24
 DS 30	2	3/0	1 x 75 cm	Natural	MN0227	24
	3	2/0	1 x 75 cm	Natural	MN0228	24
DSM: 3/8 circle, reverse cutting needle - micropoint						
 DSM 12	0.7	6/0	1 x 45 cm	Natural	MN0230	24
	1	5/0	1 x 45 cm	Natural	MN0231	24
	1.5	4/0	1 x 45 cm	Natural	MN0232	24
 DSM 15	1	5/0	1 x 45 cm	Natural	MN0234	24
	1.5	4/0	1 x 45 cm	Natural	MN0235	24
 DSM 19	1.5	4/0	1 x 45 cm	Natural	MN0237	24
	2	3/0	1 x 45 cm	Natural	MN0238	24
	1.5	4/0	1 x 75 cm	Natural	MN0240	24
 DSM 25	2	3/0	1 x 75 cm	Natural	MN0248	24
	3	2/0	1 x 75 cm	Natural	MN0249	24
HS: 1/2 circle, reverse cutting needle						
 HS 36	3.5	0	1 x 75 cm	Natural	MN0343	24
GS: Straight, reverse cutting needle						
 GS 50	2	3/0	1 x 75 cm	Natural	MN0456	24
 GS 60	1.5	4/0	1 x 75 cm	Natural	MN0465	24
	2	3/0	1 x 75 cm	Natural	MN0466	24



For different specialties, procedures and tissue types within human, veterinary and dental market, Chirmax Surgical provides state of the art, European quality surgical sutures and meshes to improve the lives of patients worldwide. Each individual production process is subject to strict scientific quality control.

Surgical Sutures

The choice of needle to be used must rest with the surgeon and may take several factors into account. Chirmax Surgical Sutures are manufactured in a wide range of types, shapes, lengths and diameters with high quality Mani Japanese needles to cover the most demanding requirements. Choose between more than 5.000 absorbable and non-absorbable sutures and special needle products. We also develop and produce custom made sutures.

Surgical Meshes

A standard for the permanent repair of abdominal wall hernias. A wide range of mesh implants are available, with two main functions: to stabilise and strengthen soft tissue defects, and to act as a sling to support prolapsed organs and viscera. It is most commonly used in pelvic organ prolapse, urinary stress incontinence and hernia repairs.

*Strengthening Healing,
Supporting Recovery*

