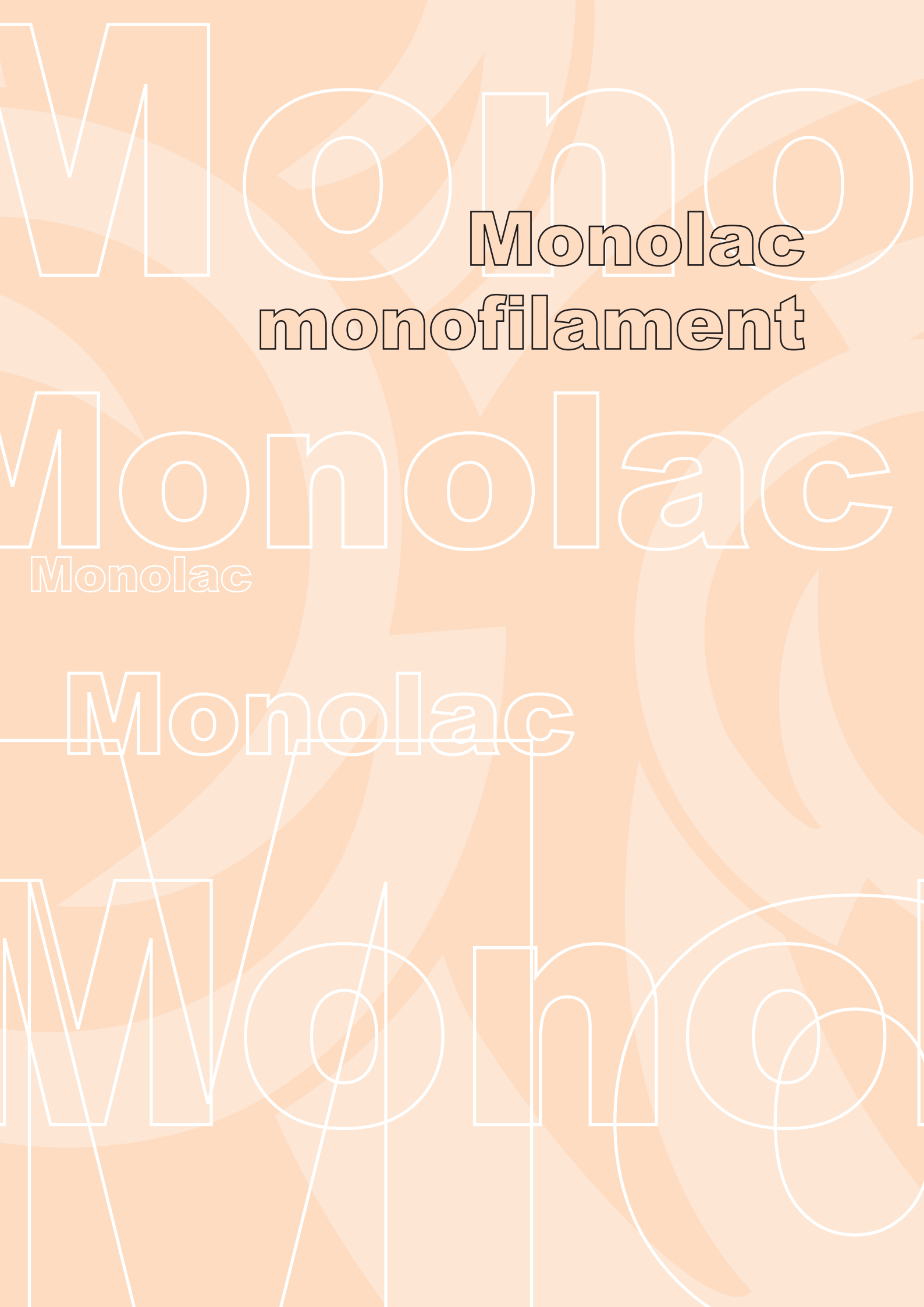


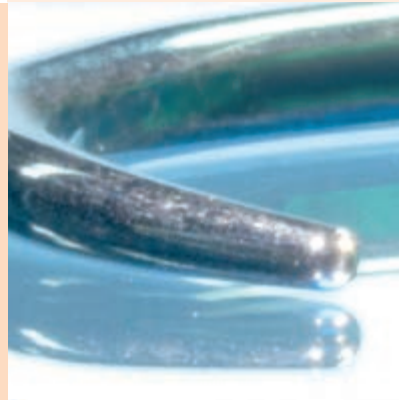


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Monolac
monofilament

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MONOLAC monofilament

MONOLAC monofilament is a mid-term absorbable, synthetic suture made of glycolide and ϵ -Caprolactone, available in natural colour for the closure of superficial wounds and in violet for all other indications, when a mid-term monofilament is needed.

During absorption the material elicited only a very slight inflammation.

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: General soft tissue approximation and/or ligation in all specialties, where an absorbable material is indicated.

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	60% violet/50% natural
14 Days	30% violet/20% natural

Mass Absorption

profile:

90 - 120 days

MONOLAC monofilament violet ligatures

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Pre-cut threads

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EP	USP	Length	Cat. No
3	2/0	1 x 150 cm	MV 0085
3.5	0	1 x 150 cm	MV 0086



MONOLAC monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: ½ circle, round body needle						
 HR 13	0.7	6/0	1 x 75 cm	Violet	MV 0251	
	1	5/0	1 x 75 cm	Violet	MV 0252	
	1.5	4/0	1 x 75 cm	Violet	MV 0253	
 HR 17	1.5	4/0	1 x 75 cm	Violet	MV 0254	
 HR 18	1	5/0	1 x 75 cm	Violet	MV 0256	
	1.5	4/0	1 x 75 cm	Violet	MV 0257	
	2	3/0	1 x 75 cm	Violet	MV 0258	
 HR 22	1.5	4/0	1 x 75 cm	Violet	MV 0261	
	2	3/0	1 x 75 cm	Violet	MV 0262	
	3	2/0	1 x 75 cm	Violet	MV 0263	
 2 x HR 22	3	2/0	1 x 45 cm	Violet	MV 0963	
	1.5	4/0	1 x 75 cm	Violet	MV 0965	
	2	3/0	1 x 90 cm	Violet	MV 0964	
 HR 26	2	3/0	1 x 75 cm	Violet	MV 0166	
	3	2/0	1 x 75 cm	Violet	MV 0167	
 HR 27	1	5/0	1 x 75 cm	Violet	MV 0264	
	1.5	4/0	1 x 75 cm	Violet	MV 0265	
	2	3/0	1 x 75 cm	Violet	MV 0266	
	3	2/0	1 x 75 cm	Violet	MV 0267	
 2 x HR 27	2	3/0	1 x 90 cm	Violet	MV 0366	
	3	2/0	1 x 90 cm	Violet	MV 0367	
 2 x HR 27	2	3/0	1 x 75 cm	Violet	MV 2266	
	1.5	4/0	1 x 90 cm	Violet	MV 2275	
	2	3/0	1 x 90 cm	Violet	MV 2276	
 HR 30	2	3/0	1 x 75 cm	Violet	MV 0269	
	3	2/0	1 x 75 cm	Violet	MV 0273	
	3.5	0	1 x 75 cm	Violet	MV 0274	

MONOLAC monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: ½ circle, round body needle						
2 x HR 30 	3	2/0	1 x 90 cm	Violet	MV 1373	
HR 35 	3	2/0	1 x 75 cm	Violet	MV 0271	
	3.5	0	1 x 75 cm	Violet	MV 0272	
	2	3/0	1 x 90 cm	Violet	MV 0373	
	4	1	1 x 90 cm	Violet	MV 0376	
HR 40 	3.5	0	1 x 75 cm	Violet	MV 0276	
	4	1	1 x 75 cm	Violet	MV 0277	
	2	3/0	1 x 90 cm	Violet	MV 0377	
	4	1	1 x 90 cm	Violet	MV 0397	
	5	2	1 x 90 cm	Violet	MV 0398	
HR s: ½ circle, round body needle - slim						
HR s 18 	1.5	4/0	1 x 75 cm	Violet	MV 1256	Slim needle
HR s 22 	1.5	4/0	1 x 75 cm	Violet	MV 1261	Slim needle
	2	3/0	1 x 75 cm	Violet	MV 1262	
HR s 22 Black 	2	3/0	1 x 75 cm	Violet	MV 2262	Slim, black needle
HR s 27 	3	2/0	1 x 75 cm	Violet	MV 1267	Slim needle



MONOLAC monofilament

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Absorbable - Monolac monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
HRX: ½ circle, round body needle - extra strong						
HRX 35	3	2/0	1 x 75 cm	Violet	MV 0280	
	3	2/0	1 x 90 cm	Violet	MV 0380	
	3.5	0	1 x 90 cm	Violet	MV 0381	
HRX 40	4	1	1 x 75 cm	Violet	MV 0286	
	4	1	1 x 90 cm	Violet	MV 0386	
	4	1	1 x 150 cm	Violet	MV 4530	Loop
HRX 45	4	1	1 x 90 cm	Violet	MV 0390	
	3.5	0	1 x 90 cm	Violet	MV 0394	
	4	1	1 x 90 cm	Violet	MV 0395	
	4	1	1 x 150 cm	Violet	MV 4540	Loop
HRT: ½ circle, round body needle - tapercut						
HRT 17	1.5	4/0	1 x 75 cm	Violet	MV 0561	
	2	3/0	1 x 75 cm	Violet	MV 0581	
	3	2/0	1 x 75 cm	Violet	MV 0582	
HRT 37	4	1	1 x 90 cm	Violet	MV 1594	
						
HRN: ½ circle, round body needle - blunt point						
HRN 50	4	1	1 x 90 cm	Violet	MV 0686	
						

MONOLAC monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
HRF: ½ circle, flattened body needle, taper point						
HRF 17 	1.5	4/0	1 x 75 cm	Violet	MV 9257	
HRF 22 	2	3/0	1 x 75 cm	Violet	MV 9262	
DR: 3/8 circle, round body needle						
DR 8 	0.7	6/0	1 x 45 cm	Violet	MV 0703	
DR 20 	2	3/0	1 x 75 cm	Violet	MV 0726	
DRT: 3/8 circle, round body needle - tapercut						
DRT 13 	0.7	6/0	1 x 45 cm	Violet	MV 0544	
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	MV 0609 MV 0610	
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	MV 0405 MV 0406 MV 0407	
HS: ½ circle, reverse cutting needle						
HS 12 	0.7 1	6/0 5/0	1 x 45 cm 1 x 45 cm	Violet Violet	MV 0301 MV 0302	
HS 18 	1 1.5	5/0 4/0	1 x 75 cm 1 x 75 cm	Violet Violet	MV 0312 MV 0313	
HS 25 	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Violet Violet	MV 0323 MV 0324	
2 x HS 25 	2	3/0	1 x 75 cm	Violet	MV 1619	

MONOLAC monofilament

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Absorbable - Monolac monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
DS: 3/8 circle, reverse cutting needle						
DS 12 	0.7	6/0	1 x 45 cm	Violet	MV 0201	
	1	5/0	1 x 45 cm	Violet	MV 0202	
DS 13 	1	5/0	1 x 75 cm	Violet	MV 0203	
DS 15 	1	5/0	1 x 45 cm	Violet	MV 0205	
	1.5	4/0	1 x 45 cm	Violet	MV 0206	
DS 16 	1.5	4/0	1 x 45 cm	Violet	MV 1206	
DS 19 	1	5/0	1 x 45 cm	Violet	MV 0214	
	1.5	4/0	1 x 45 cm	Violet	MV 0215	
DS 25 	2	3/0	1 x 45 cm	Violet	MV 0216	
DS 30 	1	5/0	1 x 75 cm	Violet	MV 0210	
	1.5	4/0	1 x 75 cm	Violet	MV 0211	
DS 35 	2	3/0	1 x 75 cm	Violet	MV 0212	
DS 35 	2	3/0	1 x 45 cm	Violet	MV 0122	
DS 35 	2	3/0	1 x 75 cm	Violet	MV 0223	
	3	2/0	1 x 75 cm	Violet	MV 0224	
DS 35 	2	3/0	1 x 90 cm	Violet	MV 1223	
DS 35 	2	3/0	1 x 75 cm	Violet	MV 0227	
	3	2/0	1 x 75 cm	Violet	MV 0228	
DS 35 	3.5	0	1 x 75 cm	Violet	MV 0229	
DS 35 	4	1	1 x 75 cm	Violet	MV 1240	

MONOLAC monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
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	MV 0230 MV 0231	Advanced cutting needle
DSM 15 	1 1.5	5/0 4/0	1 x 45 cm 1 x 45 cm	Violet Violet	MV 0234 MV 0235	Advanced cutting needle
DSM 19 	1.5 2	4/0 3/0	1 x 45 cm 1 x 45 cm	Violet Violet	MV 0237 MV 0238	Advanced cutting needle
DSM 25 	2	3/0	1 x 75 cm	Violet	MV 0242	Advanced cutting needle
	1.5	4/0	1 x 90 cm	Violet	MV 0240	
GS: Straight, reverse cutting needle						
GS 50  	2	3/0	1 x 75 cm	Violet	MV 0456	
GS 60  	2	3/0	1 x 75 cm	Violet	MV 0466	
	3	2/0	1 x 75 cm	Violet	MV 0467	



MONOLAC monofilament natural

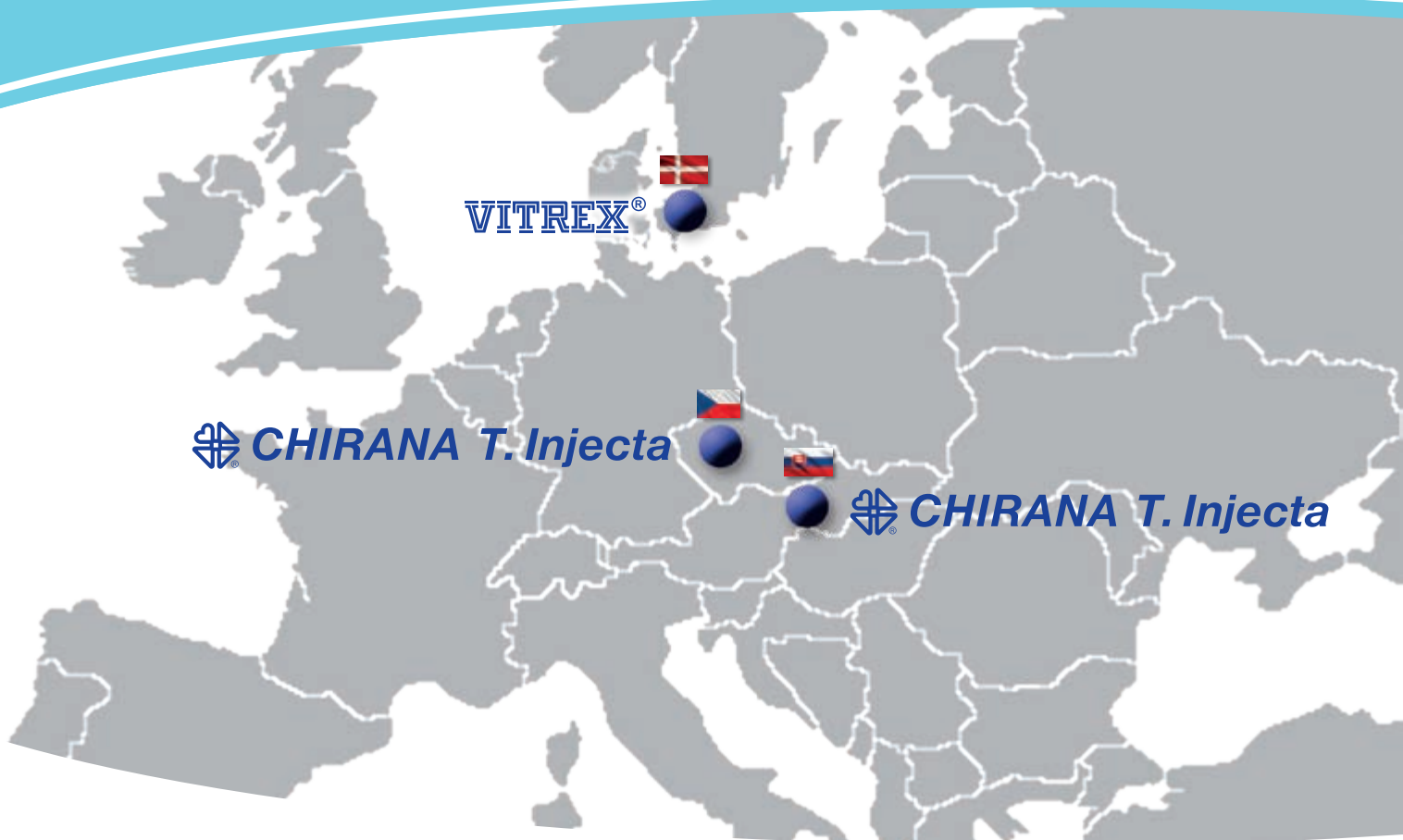
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Absorbable - Monolac monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: ½ circle, round body needle						
HR 13 	1	5/0	1 x 75 cm	Natural	MN 0252	
HR 18 	1 1.5	5/0 4/0	1 x 75 cm 1 x 75 cm	Natural Natural	MN 0256 MN 0257	
HR 22 	2	3/0	1 x 75 cm	Natural	MN 0262	
HR 35 	3.5	0	1 x 75 cm	Natural	MN 0275	
FR: 5/8 circle, round body needle						
FR 27 	3	2/0	1 x 75 cm	Natural	MN 0610	
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	MN 0201 MN 0202	
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	MN 0204 MN 0205 MN 0206	
DS 19 	1 1.5 2	5/0 4/0 3/0	1 x 75 cm 1 x 75 cm	Natural Natural	MN 0208 MN 0209	
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	MN 0213 MN 0214 MN 0215 MN 0216	
DS 25 	1.5 2 3	4/0 3/0 2/0	1 x 75 cm 1 x 75 cm 1 x 75 cm	Natural Natural Natural	MN 0222 MN 0223 MN 0224	
DS 30 	2	3/0	1 x 75 cm	Natural	MN 0227	

MONOLAC monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
DSM: 3/8 circle, reverse cutting needle - micropoint						
DSM 12 	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	MN 0230 MN 0231 MN 0232	Advanced cutting needle
DSM 15 	1 1.5	5/0 4/0	1 x 45 cm 1 x 45 cm	Natural Natural	MN 0234 MN 0235	
DSM 19 	1.5 2	4/0 3/0	1 x 45 cm 1 x 45 cm	Natural Natural	MN 0237 MN 0238	Advanced cutting needle
	1.5	4/0	1 x 75 cm	Natural	MN 0240	
DSM 25 	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Natural Natural	MN 0248 MN 0249	Advanced cutting needle
GS: Straight, reverse cutting needle						
GS 50 	2	3/0	1 x 75 cm	Natural	MN 0456	
GS 60 	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Natural Natural	MN 0465 MN 0466	



The CTI group

A constellation of 3 European manufacturers of high quality products for the healthcare sector

The CTI group consists of: CHIRANA T. Injecta in Slovakia, CHIRANA T. Injecta in the Czech Republic and Vitrex Medical in Denmark.

The intention of CTI group is to serve as an “umbrella-organization”, where the individual companies collaborate to be “Committed to Innovation” and reach the joint goal:
- to develop, produce and distribute high quality, healthcare products.





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The CTI group

CHIRANA T. Injecta, Slovakia

CHIRANA T. Injecta is a global, state of the art manufacturer of healthcare products, which was founded in 1935.

In 1947 CHIRANA T. Injecta started manufacturing glass syringes and they have ever since focused on development and production of high quality, disposable products for the healthcare sector. Through continuously updating production facilities and expanding their product range, they are today supplying:

- Hypodermic syringes
- Perfusion syringes
- Pen and Blood collection needles
- Insulin syringes
- Cannula and lancet needles

CHIRANA T. Injecta, Czech Republic

CHIRANA T. Injecta was founded in 1930. Since the early 1990s they have made substantial investments in upgrading the production resources, enabling the company to offer products in an unique quality.

Their more than 85 years of experience with manufacturing sutures has resulted in top priority within quality control, product development and sutures manufactured in line with state of the art technology. Their present range consist of:

- Surgical Sutures, Ligatures and Meshes
- Veterinary bottles and Eye needles
- Microsurgery and Cardiovascular sutures
- Antibacterial sutures

VITREX Medical, Denmark

Vitrex Medical was founded in 1965 and has since the 1970s mainly focused on supplying to the laboratory and analytical sector.

With more than 50 years of experience Vitrex Medical has become the largest manufacturer of capillary tubes in the world today by developing equipment, establishing technologies, and optimizing production processes. Vitrex Medical currently supplies:

- Capillary tubes and Micro-Hematocrit tubes
- Micro-pipettes
- Safety lancets
- Vacuum tubes and Blood collection needles
- Pen needles and Diabetic lancets



Version UK07

Designed by Vitrex Medical A/S

2023-02 Rev.007

CHIRANA T. Injecta, s.r.o.

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Czech Republic**

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