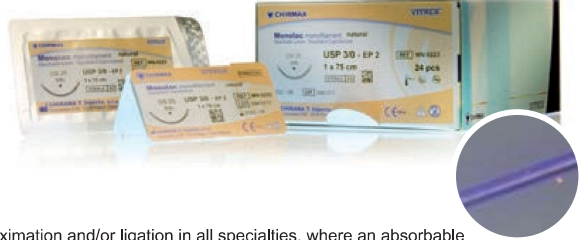


## MONOLAC monofilament

MONOLAC monofilament is a mid-term absorbable, synthetic suture made of glycolide and  $\epsilon$ -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

<b>Profile:</b>	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

Pre-cut threads








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
<b>HR: ½ circle, round body needle</b>						
 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	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	
 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
<b>HR: ½ circle, round body needle</b>						
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	
<b>HR s: ½ circle, round body needle - slim</b>						
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

UK04  
56

Absorbable - Monolac monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HRX: ½ circle, round body needle - extra strong</b>						
HRX 35 	3	2/0	1 x 75 cm	Violet	MV 0280	
	3 3.5	2/0 0	1 x 90 cm 1 x 90 cm	Violet Violet	MV 0380 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	
HRX 50 	3.5 4	0 1	1 x 90 cm 1 x 90 cm	Violet Violet	MV 0394 MV 0395	
	4	1	1 x 150 cm	Violet	MV 4540	Loop
<b>HRT: ½ circle, round body needle - tapercut</b>						
HRT 17 	1.5	4/0	1 x 75 cm	Violet	MV 0561	
HRT 25 	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Violet Violet	MV 0581 MV 0582	
HRT 37 	4	1	1 x 90 cm	Violet	MV 1594	
<b>HRN: ½ circle, round body needle - blunt point</b>						
HRN 50 	4	1	1 x 90 cm	Violet	MV 0686	









## MONOLAC monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HRF: ½ circle, flattened body needle, taper point</b>						
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	
<b>DR: 3/8 circle, round body needle</b>						
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	
<b>DRT: 3/8 circle, round body needle - tapercut</b>						
DRT 13 	0.7	6/0	1 x 45 cm	Violet	MV 0544	
<b>FR: 5/8 circle, round body needle</b>						
FR 27 	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Violet Violet	MV 0609 MV 0610	
<b>GR: Straight, round body needle</b>						
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	
<b>HS: ½ circle, reverse cutting needle</b>						
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

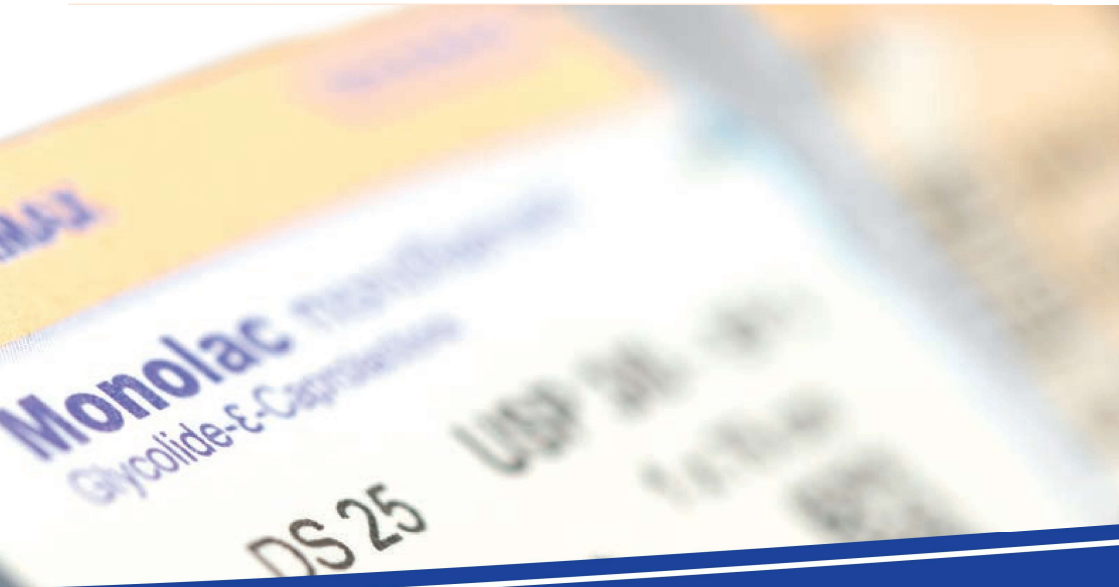
UK04  
58

Absorbable - Monolac monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information	
<b>DS: 3/8 circle, reverse cutting needle</b>							
DS 12 	0.7	6/0	1 x 45 cm	Violet	MV 0201		
	1	5/0	1 x 45 cm	Violet	MV 0202		
	1	5/0	1 x 75 cm	Violet	MV 0203		
DS 13 	1	5/0	1 x 45 cm	Violet	MV 0103		
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		
	2	3/0	1 x 45 cm	Violet	MV 0216		
	1	5/0	1 x 75 cm	Violet	MV 0210		
	1.5	4/0	1 x 75 cm	Violet	MV 0211		
	2	3/0	1 x 75 cm	Violet	MV 0212		
DS 25 	2	3/0	1 x 45 cm	Violet	MV 0122		
	2	3/0	1 x 75 cm	Violet	MV 0223		
	3	2/0	1 x 75 cm	Violet	MV 0224		
	2	3/0	1 x 90 cm	Violet	MV 1223		
	DS 30 	2	3/0	1 x 75 cm	Violet	MV 0227	
		3	2/0	1 x 75 cm	Violet	MV 0228	
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
<b>DSM: 3/8 circle, reverse cutting needle - micropoint</b>						
 DSM 12	0,7	6/0	1 x 45 cm	Violet	MV 0230	Advanced cutting needle
	1	5/0	1 x 45 cm	Violet	MV 0231	
 DSM 15	1	5/0	1 x 45 cm	Violet	MV 0234	Advanced cutting needle
	1,5	4/0	1 x 45 cm	Violet	MV 0235	
 DSM 19	1,5	4/0	1 x 45 cm	Violet	MV 0237	Advanced cutting needle
	2	3/0	1 x 45 cm	Violet	MV 0238	
 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	
<b>GS: Straight, reverse cutting needle</b>						
 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

UK04  
60







Absorbable - Monolac monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HR: ½ circle, round body needle</b>						
 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	
<b>FR: 5/8 circle, round body needle</b>						
 FR 27	3	2/0	1 x 75 cm	Natural	MN 0610	
<b>DS: 3/8 circle, reverse cutting needle</b>						
 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 25	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 30	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

 UK04  
61

Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>DSM: 3/8 circle, reverse cutting needle - micropoint</b>						
DSM 12 	0.7	6/0	1 x 45 cm	Natural	MN 0230	Advanced cutting needle
	1	5/0	1 x 45 cm	Natural	MN 0231	
	1.5	4/0	1 x 45 cm	Natural	MN 0232	
DSM 15 	1	5/0	1 x 45 cm	Natural	MN 0234	Advanced cutting needle
	1.5	4/0	1 x 45 cm	Natural	MN 0235	
DSM 19 	1.5	4/0	1 x 45 cm	Natural	MN 0237	Advanced cutting needle
	2	3/0	1 x 45 cm	Natural	MN 0238	
	1.5	4/0	1 x 75 cm	Natural	MN 0240	
DSM 25 	2	3/0	1 x 75 cm	Natural	MN 0248	Advanced cutting needle
	3	2/0	1 x 75 cm	Natural	MN 0249	
<b>GS: Straight, reverse cutting needle</b>						
GS 50 	2	3/0	1 x 75 cm	Natural	MN 0456	
GS 60 	1.5	4/0	1 x 75 cm	Natural	MN 0465	
	2	3/0	1 x 75 cm	Natural	MN 0466	