

CHIRASORB Plus braided

Antibacterial

CHIRASORB Plus braided is a mid-term absorbable, antibacterial coated, synthetic, multifilament suture made of 90% glycolide and 10% L-lactide. The braided suture is covered with antibacterial coating, which consists of copolymer glycolide and lactide, calcium stearate and chlorhexidine diacetate.

Chlorhexidine is a cationic antiseptic with a wide range of antimicrobial effects. It is effective on both Gram-positive and Gram-negative bacteria; the mechanism of action is cytoplasmic membrane disruption.

Sterile Chirasorb Plus braided is available in violet or natural. The product elicits a minimal acute inflammatory reaction in tissues.

Progressive loss of tensile strength and absorption of Chirasorb Plus braided occurs by hydrolysis, when the polymer is degraded to glycolic and lactic acids, which are subsequently absorbed and metabolised by the body.



Indication: General soft tissue approximation and/or ligation in all specialities.

Contraindication: Chirasorb Plus braided should not be used in tissues subject to expansion, stretching or distension, or which might require long-term mechanical support. Chirasorb Plus braided should not be used in patients with known allergic reactions to Chlorhexidine.

Sizes: 5/0 to 4 USP

Structure: Multifilament

Absorption method: Hydrolysis

Strength Retention

Profile: MID-TERM HEALING (35 days)

1 Day	100%
14 Days	75%
21 Days	50%

Mass Absorption

profile: 56 - 70 days

CHIRASORB Plus braided violet ligatures



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Pre-cut threads

EP	USP	Length	Cat. No
1	5/0	3 x 45 cm	CV 0012
1.5	4/0	3 x 45 cm	CV 0013
2	3/0	3 x 45 cm	CV 0014
3	2/0	3 x 45 cm	CV 0015
3.5	0	3 x 45 cm	CV 0016
4	1	3 x 45 cm	CV 0017
5	2	3 x 45 cm	CV 0018
1	5/0	6 x 45 cm	CV 0042
1.5	4/0	6 x 45 cm	CV 0043
2	3/0	6 x 45 cm	CV 0044
3	2/0	6 x 45 cm	CV 0045
3.5	0	6 x 45 cm	CV 0046
4	1	6 x 45 cm	CV 0047
5	2	6 x 45 cm	CV 0048
2	3/0	10 x 45 cm	CV 0064
3	2/0	10 x 45 cm	CV 0065
3.5	0	10 x 45 cm	CV 0066
4	1	10 x 45 cm	CV 0067
5	2	10 x 45 cm	CV 0068
1	5/0	2 x 75 cm	CV 0022
1.5	4/0	2 x 75 cm	CV 0023
2	3/0	2 x 75 cm	CV 0024
3	2/0	2 x 75 cm	CV 0025
3.5	0	2 x 75 cm	CV 0026
4	1	2 x 75 cm	CV 0027
5	2	2 x 75 cm	CV 0028
1.5	4/0	5 x 75 cm	CV 0053
2	3/0	5 x 75 cm	CV 0054
3	2/0	5 x 75 cm	CV 0055






Pre-cut threads

EP	USP	Length	Cat. No
3.5	0	5 x 75 cm	CV 0056
4	1	5 x 75 cm	CV 0057
5	2	5 x 75 cm	CV 0058
1.5	4/0	1 x 150 cm	CV 0083
2	3/0	1 x 150 cm	CV 0084
3	2/0	1 x 150 cm	CV 0085
3.5	0	1 x 150 cm	CV 0089
4	1	1 x 150 cm	CV 0087
5	2	1 x 150 cm	CV 0090

Chirapack - 20 pcs./box

EP	USP	Length	Cat. No
2	3/0	1 x 250 cm	CV 1004
3	2/0	1 x 250 cm	CV 1005
3.5	0	1 x 250 cm	CV 1006
4	1	1 x 250 cm	CV 1007
5	2	1 x 250 cm	CV 1008
1.5	4/0	1 x 300 cm	CV 0003
2	3/0	1 x 300 cm	CV 0004
3	2/0	1 x 300 cm	CV 0005
3.5	0	1 x 300 cm	CV 0006
4	1	1 x 300 cm	CV 0007
5	2	1 x 300 cm	CV 0008
6	3 + 4	1 x 300 cm	CV 0009

CHIRASORB Plus braided





Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: ½ circle, round body needle						
 HR 10	1	5/0	1 x 75 cm	Violet	CV 0248	
	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	CV 0252 CV 0253 CV 0250	
 HR 13	1 1.5	5/0 4/0	1 x 75 cm 1 x 75 cm	Violet Violet	CV 0254 CV 0255	
	1.5 2	4/0 3/0	1 x 45 cm 1 x 45 cm	Violet Violet	CV 0258 CV 0259	
 HR 18	1 1.5 2 3	5/0 4/0 3/0 2/0	1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet Violet	CV 0242 CV 0256 CV 0257 CV 0260	
	1.5 2	4/0 3/0	6 x 45 cm 6 x 45 cm	Violet Violet	CV 0526 CV 0527	
	1.5 2 3	4/0 3/0 2/0	1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	CV 0261 CV 0262 CV 0263	
	2 3	3/0 2/0	4 x 75 cm 4 x 75 cm	Violet Violet	CV 0322 CV 0323	
 HR 22	1.5	4/0	1 x 45 cm	Violet	CV 0245	
	2 3	3/0 2/0	6 x 45 cm 6 x 45 cm	Violet Violet	CV 0537 CV 0538	
	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	CV 0265 CV 0266 CV 0267 CV 0268	
	2 3	3/0 2/0	1 x 90 cm 1 x 90 cm	Violet Violet	CV 0366 CV 0367	
	2 3	3/0 2/0	1 x 90 cm 1 x 90 cm	Violet Violet	CV 2466 CV 2467	
 2 x HR 27	2 3	3/0 2/0	1 x 90 cm 1 x 90 cm	Violet Violet	CV 2466 CV 2467	

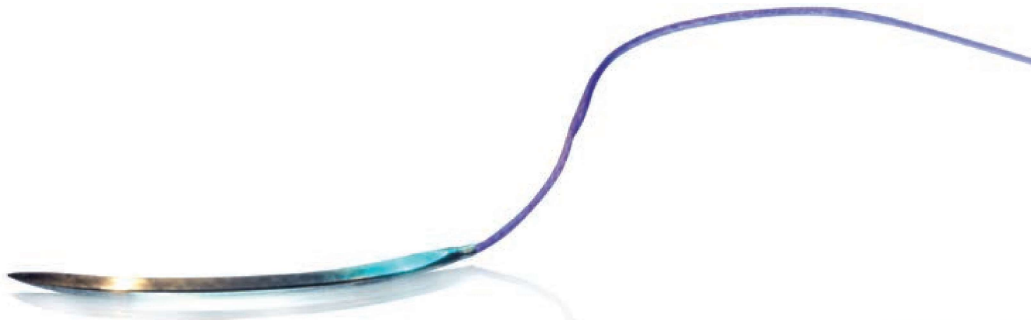


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Absorbable – Chirasorb Plus braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: ½ circle, round body needle						
 <p>HR 30</p>	2	3/0	1 x 45 cm	Violet	CV 0169	
	2	3/0	1 x 75 cm	Violet	CV 0269	
	3	2/0	1 x 75 cm	Violet	CV 0273	
	3.5	0	1 x 75 cm	Violet	CV 0274	
	4	1	1 x 75 cm	Violet	CV 1275	
	3.5	0	1 x 90 cm	Violet	CV 0371	
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 <p>HR 35</p>	2	3/0	1 x 75 cm	Violet	CV 0270	
	3	2/0	1 x 75 cm	Violet	CV 0271	
	3.5	0	1 x 75 cm	Violet	CV 0272	
	4	1	1 x 75 cm	Violet	CV 1273	
	5	2	1 x 75 cm	Violet	CV 1272	
	3	2/0	1 x 90 cm	Violet	CV 0374	
	3.5	0	1 x 90 cm	Violet	CV 0375	
	4	1	1 x 90 cm	Violet	CV 0376	
<hr/>						
 <p>HR 40</p>	3	2/0	1 x 75 cm	Violet	CV 0275	
	3.5	0	1 x 75 cm	Violet	CV 0276	
	4	1	1 x 75 cm	Violet	CV 0277	
	3	2/0	1 x 90 cm	Violet	CV 1475	
	3.5	0	1 x 90 cm	Violet	CV 1476	
	4	1	1 x 90 cm	Violet	CV 1477	
	5	2	1 x 90 cm	Violet	CV 1478	
	<hr/>					
	 <p>HR 48</p>	3.5	0	1 x 75 cm	Violet	CV 1402
4		1	1 x 75 cm	Violet	CV 1396	
5		2	1 x 75 cm	Violet	CV 1400	
	3.5	0	1 x 90 cm	Violet	CV 1403	
	4	1	1 x 90 cm	Violet	CV 1401	
	5	2	1 x 90 cm	Violet	CV 1399	












CHIRASORB Plus braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: ½ circle, round body needle						
HR 50 	3.5	0	1 x 90 cm	Violet	CV 1392	
HR 60 	3 3.5	2/0 0	1 x 75 cm 1 x 75 cm	Violet Violet	CV 0278 CV 0279	
HR 65 	4 5	1 2	1 x 75 cm 1 x 75 cm	Violet Violet	CV 1285 CV 1286	
HR 75 	5	2	1 x 75 cm	Violet	CV 0496	
HR s: ½ circle, round body needle - slim						
HR s 18 	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Violet Violet	CV 1256 CV 1257	Slim needle
HR s 27 Black 	3	2/0	1 x 75 cm	Violet	CV 2267	Slim, black needle









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Needle	EP	USP	Length	Colour	Cat. No	Other information
HRX: ½ circle, round body needle - extra strong						
HRX 22 	2	3/0	1 x 75 cm	Violet	CV 0420	
HRX 27 	2	3/0	1 x 75 cm	Violet	CV 0429	
	3	2/0	1 x 75 cm	Violet	CV 0430	
	3.5	0	1 x 75 cm	Violet	CV 0431	
	4	1	1 x 75 cm	Violet	CV 0432	
HRX 30 	2	3/0	1 x 75 cm	Violet	CV 0426	
	4	1	1 x 90 cm	Violet	CV 1438	
HRX 35 	3	2/0	1 x 75 cm	Violet	CV 0280	
	3.5	0	1 x 75 cm	Violet	CV 0281	
	4	1	1 x 75 cm	Violet	CV 0282	
	3.5	0	1 x 90 cm	Violet	CV 0381	
HRX 40 	3.5	0	1 x 75 cm	Violet	CV 0285	
	4	1	1 x 75 cm	Violet	CV 0286	
	3.5	0	1 x 90 cm	Violet	CV 0385	
	4	1	1 x 90 cm	Violet	CV 0386	
HRX 45 	3.5	0	1 x 90 cm	Violet	CV 0387	
	4	1	1 x 150 cm	Violet	CV 4035	Loop
	4	1	1 x 150 cm	Violet	CV 4040	Loop
	5	2	1 x 90 cm	Violet	CV 0387	
HRX 50 	4	1	1 x 75 cm	Violet	CV 0290	
	5	2	1 x 75 cm	Violet	CV 0291	
	4	1	1 x 90 cm	Violet	CV 0390	
	5	2	1 x 90 cm	Violet	CV 0391	
HRX 50 	3.5	0	1 x 75 cm	Violet	CV 0294	
	4	1	1 x 75 cm	Violet	CV 0295	
	5	2	1 x 75 cm	Violet	CV 0296	
	4	1	1 x 90 cm	Violet	CV 0395	
HRX 50 	5	2	1 x 90 cm	Violet	CV 0396	
	5	2	1 x 110 cm	Violet	CV 0393	
	4	1	1 x 150 cm	Violet	CV 4540	Loop

Absorbable - Chirasorb Plus braided

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Needle	EP	USP	Length	Colour	Cat. No	Other information
HRT: ½ circle, round body needle - tapercut						
HRT 17 	1.5	4/0	1 x 45 cm	Violet	CV 0566	
	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Violet Violet	CV 0561 CV 0562	
HRT 25 	2	3/0	1 x 75 cm	Violet	CV 0581	
	3	2/0	1 x 75 cm	Violet	CV 0582	
	3.5	0	1 x 75 cm	Violet	CV 0583	
HRT 30 	3.5 4	0 1	1 x 75 cm 1 x 75 cm	Violet Violet	CV 0586 CV 0587	
	4	1	1 x 90 cm	Violet	CV 0589	
HRT 31 	3	2/0	1 x 75 cm	Violet	CV 0606	
HRT 37 	3 3.5	2/0 0	1 x 75 cm 1 x 75 cm	Violet Violet	CV 0592 CV 0593	
	3	2/0	1 x 90 cm	Violet	CV 0597	
	3.5	0	1 x 90 cm	Violet	CV 0598	
	4	1	1 x 90 cm	Violet	CV 0599	
HRT 40 	3.5	0	1 x 75 cm	Violet	CV 0653	
	4	1	1 x 90 cm	Violet	CV 0651	
HRT 45 	3	2/0	1 x 75 cm	Violet	CV 0663	
	5	2	1 x 75 cm	Violet	CV 0665	
HRT 48 	3	2/0	1 x 75 cm	Violet	CV 1671	
	5	2	1 x 90 cm	Violet	CV 1668	

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Absorbable – Chirasorb Plus braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
HRN: ½ circle, round body needle - blunt point						
HRN 50 	4	1	1 x 90 cm	Violet	CV 0686	
HRF: ½ circle, flattened body needle, taper point						
HRF 17 	1 1.5	5/0 4/0	1 x 75 cm 1 x 75 cm	Violet Violet	CV 9242 CV 9256	
HRF 22 	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Violet Violet	CV 9344 CV 9343	
HRF 26 	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Violet Violet	CV 9266 CV 9267	
	2	3/0	1 x 90 cm	Violet	CV 9366	
HRF 31 	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Violet Violet	CV 9269 CV 9273	
HRF 36 	2 3 3.5	3/0 2/0 0	1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	CV 9577 CV 9236 CV 9235	
DR: 3/8 circle, round body needle						
DR 15 	1.5	4/0	1 x 75 cm	Violet	CV 0724	
DR 21 	3	2/0	1 x 75 cm	Violet	CV 0744	
DR 30 	2	3/0	1 x 75 cm	Violet	CV 0746	

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Needle	EP	USP	Length	Colour	Cat. No	Other information
DRN: 3/8 circle, round body needle - blunt point						

DRN 60



4

1

1 x 100 cm

Violet

CV 0699

FR: 5/8 circle, round body needle						
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FR 27


 3
3.5

 2/0
0

 1 x 75 cm
1 x 75 cm

 Violet
Violet

 CV 0610
CV 0611

FR 38


 3
3.5

 2/0
0

 1 x 75 cm
1 x 75 cm

 Violet
Violet

 CV 0620
CV 0621

GR: Straight, round body needle						
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 1.5
2

 4/0
3/0

 1 x 45 cm
1 x 45 cm

 Violet
Violet

 CV 0406
CV 0407

GR 20



1.5

4/0

1 x 75 cm

Violet

CV 0402

3

2/0

1 x 90 cm

Violet

CV 0399

ART: Asymmetric, round body needle - tapercut						
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ART 30 Black



1.5

4/0

1 x 45 cm

Violet

CV 0630

Black needle

JRT: Hook shaped, round body needle - tapercut						
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JRT 30



4

1












1 x 75 cm

Violet








CV 0694

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Needle	EP	USP	Length	Colour	Cat. No	Other information
KR: Ski, round body needle						
KR 27 	2	3/0	1 x 40 cm	Violet	CV 4630	Loop
HS: ½ circle, reverse cutting needle						
HS 18 	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Violet Violet	CV 0424 CV 0425	
HS 21 	1.5	4/0	1 x 75 cm	Violet	CV 0300	
HS 25 	2 3 3.5	3/0 2/0 0	1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	CV 0441 CV 0442 CV 0443	
HS 30 	3 3.5 4	2/0 0 1	1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	CV 0445 CV 0446 CV 0447	
HS 37 	3.5 4	0 1	1 x 75 cm 1 x 75 cm	Violet Violet	CV 1451 CV 1452	
	3.5 5	0 2	1 x 90 cm 1 x 90 cm	Violet Violet	CV 0451 CV 0453	
HS 40 	3 3.5 4 5	2/0 0 1 2	1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet Violet	CV 0455 CV 0456 CV 0457 CV 0458	
	3.5 4	0 1	1 x 90 cm 1 x 90 cm	Violet Violet	CV 0460 CV 0461	
HS 48 	3.5	0	1 x 75 cm	Violet	CV 0466	
	4 5	1 2	1 x 90 cm 1 x 90 cm	Violet Violet	CV 0469 CV 0470	

CHIRASORB Plus braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
DS: 3/8 circle, reverse cutting needle						
DS 12 	1	5/0	1 x 45 cm	Violet	CV 0202	
	1.5	4/0	1 x 45 cm	Violet	CV 0203	
DS 15 	1	5/0	1 x 45 cm	Violet	CV 0205	
	1.5	4/0	1 x 45 cm	Violet	CV 0206	
	2	3/0	1 x 45 cm	Violet	CV 0207	
DS 19 	1	5/0	1 x 45 cm	Violet	CV 0214	
	1.5	4/0	1 x 45 cm	Violet	CV 0215	
	2	3/0	1 x 45 cm	Violet	CV 0216	
DS 25 	1.5	4/0	1 x 75 cm	Violet	CV 0222	
	2	3/0	1 x 75 cm	Violet	CV 0223	
	3	2/0	1 x 75 cm	Violet	CV 0224	
DS 30 	3	2/0	1 x 75 cm	Violet	CV 0234	
	3.5	0	1 x 75 cm	Violet	CV 0235	
DSM: 3/8 circle, reverse cutting needle - micropoint						
DSM 12 	1	5/0	1 x 45 cm	Violet	CV 0302	Advanced cutting needle
GS: Straight, reverse cutting needle						
GS 13 	1.5	4/0	1 x 45 cm	Violet	CV 1198	



CHIRASORB Plus braided natural ligatures



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Pre-cut threads

EP	USP	Length	Cat. No
1	5/0	3 x 45 cm	CN 0012
1.5	4/0	3 x 45 cm	CN 0013
2	3/0	3 x 45 cm	CN 0014
3	2/0	3 x 45 cm	CN 0015
3.5	0	3 x 45 cm	CN 0016
2	3/0	10 x 45 cm	CN 0064
3	2/0	10 x 45 cm	CN 0065
1	5/0	2 x 75 cm	CN 0022
1.5	4/0	2 x 75 cm	CN 0023
2	3/0	2 x 75 cm	CN 0024
3	2/0	2 x 75 cm	CN 0025
1.5	4/0	5 x 75 cm	CN 0053
2	3/0	5 x 75 cm	CN 0054
3	2/0	5 x 75 cm	CN 0055
3.5	0	5 x 75 cm	CN 0056
4	1	5 x 75 cm	CN 0057
5	2	5 x 75 cm	CN 0058

Chirapack - 20 pcs./box

EP	USP	Length	Cat. No
1.5	4/0	1 x 300 cm	CN 0003
2	3/0	1 x 300 cm	CN 0004
3	2/0	1 x 300 cm	CN 0005
3.5	0	1 x 300 cm	CN 0006








CHIRASORB Plus braided

Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: ½ circle, round body needle						
HR 13 	1 1.5	5/0 4/0	1 x 45 cm 1 x 45 cm	Natural Natural	CN 0252 CN 0253	
HR 18 	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Natural Natural	CN 0256 CN 0257	
HR 22 	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Natural Natural	CN 0262 CN 0263	
HR 27 	2	3/0	1 x 75 cm	Natural	CN 0266	
HR 30 	3.5	0	1 x 75 cm	Natural	CN 0274	
HRT: ½ circle, round body needle - tapercut						
HRT 17 	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Natural Natural	CN 0561 CN 0562	
HRT 22 	2	3/0	1 x 75 cm	Natural	CN 0572	
HRT 40 	3 3.5	2/0 0	1 x 75 cm 1 x 75 cm	Natural Natural	CN 0694 CN 0653	



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Needle	EP	USP	Length	Colour	Cat. No	Other information
HRF: 1/2 circle, flattened body needle, taper point						
 HRF 13	1	5/0	1 x 45 cm	Natural	CN 9252	
 HRF 22	2	3/0	1 x 75 cm	Natural	CN 9262	
 HRF 26	3	2/0	1 x 75 cm	Natural	CN 9267	
DS: 3/8 circle, reverse cutting needle						
 DS 12	1	5/0	1 x 45 cm	Natural	CN 1202	
 DS 15	1,5	4/0	1 x 45 cm	Natural	CN 1206	
	2	3/0	1 x 45 cm	Natural	CN 1207	
 DS 19	1	5/0	1 x 45 cm	Natural	CN 1215	
	1,5	4/0	1 x 45 cm	Natural	CN 1216	
	2	3/0	1 x 45 cm	Natural	CN 1217	
 DS 19	1,5	4/0	1 x 75 cm	Natural	CN 1211	
	2	3/0	1 x 75 cm	Natural	CN 1212	
	3	2/0	1 x 75 cm	Natural	CN 1213	