Chirasorb Plus braided

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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 specialties.
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:	50 - 70 days

Chirasorb Plus braided violet ligatures

Pre-cut threads

EP	USP	Length	Colour	Article No.	Pcs./box
2	3/0	3 x 45 cm	Violet	CV0014	24
3	2/0	3 x 45 cm	Violet	CV0015	24
3.5	0	3 x 45 cm	Violet	CV0016	24
4	1	3 x 45 cm	Violet	CV0017	24
1.5	4/0	6 x 45 cm	Violet	CV0043	24
2	3/0	6 x 45 cm	Violet	CV0044	24
3	2/0	6 x 45 cm	Violet	CV0045	24
3.5	0	6 x 45 cm	Violet	CV0046	24
4	1	6 x 45 cm	Violet	CV0047	24
5	2	6 x 45 cm	Violet	CV0048	24
3	2/0	10 x 45 cm	Violet	CV0065	24
3.5	0	10 x 45 cm	Violet	CV0066	24
4	1	10 x 45 cm	Violet	CV0067	24
5	2	10 x 45 cm	Violet	CV0068	24
1.5	4/0	2 x 75 cm	Violet	CV0023	24
2	3/0	2 x 75 cm	Violet	CV0024	24
3	2/0	2 x 75 cm	Violet	CV0025	24
3.5	0	2 x 75 cm	Violet	CV0026	24
4	1	2 x 75 cm	Violet	CV0027	24
5	2	2 x 75 cm	Violet	CV0028	24
1.5	4/0	5 x 75 cm	Violet	CV0053	24
2	3/0	5 x 75 cm	Violet	CV0054	24
3	2/0	5 x 75 cm	Violet	CV0055	24
3.5	0	5 x 75 cm	Violet	CV0056	24
4	1	5 x 75 cm	Violet	CV0057	24
2	3/0	1 x 150 cm	Violet	CV0084	24
3	2/0	1 x 150 cm	Violet	CV0085	24
3.5	0	1 x 150 cm	Violet	CV0089	24
4	1	1 x 150 cm	Violet	CV0087	24

Chirapack

EP	USP	Length	Colour	Article No.	Pcs./box
2	3/0	1 x 300 cm	Violet	CV0004	20
3	2/0	1 x 300 cm	Violet	CV0005	20
3.5	0	1 x 300 cm	Violet	CV0006	20

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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	Violet	CV0254	24
	1.5	4/0	1 x 75 cm	Violet	CV0255	24
HR 18	1.5	4/0	1 x 45 cm	Violet	CV0258	24
	2	3/0	1 x 45 cm	Violet	CV0259	24
	1	5/0	1 x 75 cm	Violet	CV0242	24
	1.5	4/0	1 x 75 cm	Violet	CV0256	24
	2	3/0	1 x 75 cm	Violet	CV0257	24
	3	2/0	1 x 75 cm	Violet	CV0260	24
HR 22	1.5	4/0	6 x 45 cm	Violet	CV0526	24
	1.5	4/0	1 x 75 cm	Violet	CV0261	24
	2	3/0	1 x 75 cm	Violet	CV0262	24
	3	2/0	1 x 75 cm	Violet	CV0263	24
	2	3/0	4 x 75 cm	Violet	CV0322	24
	3	2/0	4 x 75 cm	Violet	CV0323	24
HR 27	1.5	4/0	1 x 75 cm	Violet	CV0265	24
	2	3/0	1 x 75 cm	Violet	CV0266	24
	3	2/0	1 x 75 cm	Violet	CV0267	24
	2	3/0	1 x 90 cm	Violet	CV0366	24
	3	2/0	1 x 90 cm	Violet	CV0367	24
2 x HR 27	3	2/0	1 x 90 cm	Violet	CV2467	24
HR 30	2	3/0	1 x 75 cm	Violet	CV0269	24
	3	2/0	1 x 75 cm	Violet	CV0273	24
	3.5	0	1 x 75 cm	Violet	CV0274	24
	4	1	1 x 75 cm	Violet	CV1275	24
2 x HR 30	4	1	1 x 75 cm	Violet	CV1276	24
HR 35	2	3/0	1 x 75 cm	Violet	CV0270	24
	3	2/0	1 x 75 cm	Violet	CV0271	24
	3.5	0	1 x 75 cm	Violet	CV0272	24
	4	1	1 x 75 cm	Violet	CV1273	24
	3	2/0	1 x 90 cm	Violet	CV0374	24
	3.5	0	1 x 90 cm	Violet	CV0375	24
	4	1	1 x 90 cm	Violet	CV0376	24
HR 40	3	2/0	1 x 75 cm	Violet	CV0275	24
	3.5	0	1 x 75 cm	Violet	CV0276	24
	4	1	1 x 75 cm	Violet	CV0277	24
	3	2/0	1 x 90 cm	Violet	CV1475	24
	3.5	0	1 x 90 cm	Violet	CV1476	24
	4	1	1 x 90 cm	Violet	CV1477	24
	5	2	1 x 90 cm	Violet	CV1478	24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
HR 48	3.5	0	1 x 75 cm	Violet	CV1402	24
	3	2/0	1 x 75 cm	Violet	CV1404	24
	4	1	1 x 75 cm	Violet	CV1396	24
	5	2	1 x 75 cm	Violet	CV1400	24
	3.5	0	1 x 90 cm	Violet	CV1403	24
	4	1	1 x 90 cm	Violet	CV1401	24
	5	2	1 x 90 cm	Violet	CV1399	24
HR 50	3.5	0	1 x 90 cm	Violet	CV1392	24
HR 60	3	2/0	1 x 75 cm	Violet	CV0278	24
	3.5	0	1 x 75 cm	Violet	CV0279	24
HR 65	4	1	1 x 75 cm	Violet	CV1285	24
HR 75	5	2	1 x 75 cm	Violet	CV0496	24
HRs: ½ circle, round body needle - slim						
HRs 18	1.5	4/0	1 x 75 cm	Violet	CV1256	24
HRX: ½ circle, round body needle - extra strong						
HRX 22	2	3/0	1 x 75 cm	Violet	CV0420	24
HRX 27	3.5	0	1 x 75 cm	Violet	CV0431	24
	3	2/0	1 x 75 cm	Violet	CV0430	24
	4	1	1 x 75 cm	Violet	CV0432	24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
HRX 30	4	1	1 x 90 cm	Violet	CV1438	24
HRX 35	3 3.5 4	2/0 0 1	1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	CV0280 CV0281 CV0282	24 24 24
HRX 35 take-off needle	4	1	4 x 45 cm	Violet	CV0760	24
HRX 40	3.5 4	0 1	1 x 75 cm 1 x 75 cm	Violet Violet	CV0285 CV0286	24 24
	3.5 4	0 1	1 x 90 cm 1 x 90 cm	Violet Violet	CV0385 CV0386	24 24
	3.5 4	0 1	1 x 150 cm, Loop 1 x 150 cm, Loop	Violet Violet	CV4035 CV4040	12 12
HRX 45	4	1	1 x 75 cm	Violet	CV0290	24
	4 5	1 2	1 x 90 cm 1 x 90 cm	Violet Violet	CV0390 CV0391	24 24
HRX 50	4	1	1 x 75 cm	Violet	CV0295	24
	4 5	1 2	1 x 90 cm 1 x 90 cm	Violet Violet	CV0395 CV0396	24 24
	4	1	1 x 150 cm, Loop	Violet	CV4540	12
HRX 80	4	1	1 x 100 cm	Violet	CV0392	24
HRT: ½ circle, round body needle - tapercut						
HRT 17	1.5 2	4/0 3/0	1 x 45 cm 1 x 75 cm	Violet Violet	CV0566 CV0562	24 24
HRT 25	3.5	0	1 x 75 cm	Violet	CV0583	24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
HRT 30	3.5	0	1 x 75 cm	Violet	CV0586	24
	4	1	1 x 75 cm	Violet	CV0587	24
HRT 31	3	2/0	1 x 75 cm	Violet	CV0606	24
HRT 37	3	2/0	1 x 75 cm	Violet	CV0592	24
	3.5	0	1 x 75 cm	Violet	CV0593	24
	4	1	1 x 75 cm	Violet	CV0601	24
	3	2/0	1 x 90 cm	Violet	CV0597	24
	3.5	0	1 x 90 cm	Violet	CV0598	24
	4	1	1 x 90 cm	Violet	CV0599	24
2x HRT 37	4	1	1 x 75 cm	Violet	CV0602	24
	4	1	1 x 90 cm	Violet	CV0600	24
HRT 40	3.5	0	1 x 75 cm	Violet	CV0653	24
	4	1	1 x 90 cm	Violet	CV0651	24
HRT 45	5	2	1 x 75 cm	Violet	CV0665	24
	5	2	1 x 90 cm	Violet	CV1661	24
HRT 48	3	2/0	1 x 75 cm	Violet	CV1671	24
	5	2	1 x 75 cm	Violet	CV1668	24
HRN: ½ circle, round body needle - blunt point						
HRN 50	4	1	1 x 90 cm	Violet	CV0686	24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
HRF: ½ circle, flattened body needle, taper point						
HRF 17	1	5/0	1 x 75 cm	Violet	CV9242	24
	1.5	4/0	1 x 75 cm	Violet	CV9256	24
HRF 20	1.5	4/0	1 x 75 cm	Violet	CV9344	24
	2	3/0	1 x 75 cm	Violet	CV9343	24
HRF 26	2	3/0	1 x 75 cm	Violet	CV9266	24
	3	2/0	1 x 75 cm	Violet	CV9267	24
	2	3/0	1 x 90 cm	Violet	CV9366	24
HRF 31	3	2/0	1 x 75 cm	Violet	CV9269	24
	2	3/0	1 x 75 cm	Violet	CV9273	24
HRF 36	2	3/0	1 x 75 cm	Violet	CV9577	24
	3	2/0	1 x 75 cm	Violet	CV9236	24
	3.5	0	1 x 75 cm	Violet	CV9235	24
DR: 3/8 circle, round body needle						
DR 15	1.5	4/0	1 x 75 cm	Violet	CV0724	24
DR 21	3	2/0	1 x 75 cm	Violet	CV0744	24
DR 30	2	3/0	1 x 75 cm	Violet	CV0746	24
DRN: 3/8 circle, round body needle - blunt point						
DRN 60	4	1	1 x 100 cm	Violet	CV0699	24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
FR: 5/8 circle, round body needle						
FR 27	3	2/0	1 x 75 cm	Violet	CV0610	24
FR 35	3	2/0	1 x 75 cm	Violet	CV0618	24
FR 38	3	2/0	1 x 75 cm	Violet	CV0620	24
JRT: Hook shaped, round body needle - tapercut						
JRT 30	4	1	1 x 75 cm	Violet	CV0694	24
HS: ½ circle, reverse cutting needle						
HS 18	2	3/0	1 x 75 cm	Violet	CV0424	24
HS 25	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Violet Violet	CV0441 CV0442	24 24
HS 30	3 3.5	2/0 0	1 x 75 cm 1 x 75 cm	Violet Violet	CV0445 CV0446	24 24
HS 37	3.5 4	0 1	1 x 75 cm 1 x 75 cm	Violet Violet	CV1451 CV1452	24 24
	3.5 5	0 2	1 x 90 cm 1 x 90 cm	Violet Violet	CV0451 CV0453	24 24
HS 40	3 3.5 4	2/0 0 1	1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	CV0455 CV0456 CV0457	24 24 24
	4	1	1 x 90 cm	Violet	CV0461	24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
HS 48	3.5	0	1 x 75 cm	Violet	CV0466	24
	4	1	1 x 90 cm	Violet	CV0469	24
	5	2	1 x 90 cm	Violet	CV0470	24
DS: 3/8 circle, reverse cutting needle						
DS 12	1	5/0	1 x 45 cm	Violet	CV0202	24
	1.5	4/0	1 x 45 cm	Violet	CV0203	24
DS 15	1	5/0	1 x 45 cm	Violet	CV0205	24
	1.5	4/0	1 x 45 cm	Violet	CV0206	24
DS 19	1	5/0	1 x 45 cm	Violet	CV0214	24
	1.5	4/0	1 x 45 cm	Violet	CV0215	24
	2	3/0	1 x 45 cm	Violet	CV0216	24
	1.5	4/0	1 x 75 cm	Violet	CV0211	24
	2	3/0	1 x 75 cm	Violet	CV0212	24
	3	2/0	1 x 75 cm	Violet	CV0213	24
DS 25	1.5	4/0	1 x 75 cm	Violet	CV0222	24
	2	3/0	1 x 75 cm	Violet	CV0223	24
	3	2/0	1 x 75 cm	Violet	CV0224	24
DS 30	3	2/0	1 x 75 cm	Violet	CV0234	24
	3.5	0	1 x 75 cm	Violet	CV0235	24

Chirasorb Plus braided natural ligatures

Pre-cut threads

EP	USP	Length	Colour	Article No.	Pcs./box
3.5	0	5 x 75 cm	Natural	CN0056	24

Chirapack

EP	USP	Length	Colour	Article No.	Pcs./box
3.5	0	1 x 300 cm	Natural	CN0006	20

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
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	CN0252 CN0253	24 24
HR 18	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Natural Natural	CN0256 CN0257	24 24
HR 26	1.5	4/0	1 x 75 cm	Natural	CN0363	24
HR 27	2	3/0	1 x 75 cm	Natural	CN0266	24
HRT: ½ circle, round body needle - tapercut						
HRT 40	3.5	0	1 x 75 cm	Natural	CN0653	24

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Needle	EP	USP	Length	Colour	Article No.	Pcs./box
HRF: ½ circle, flattened body needle, taper point						
HRF 13	1	5/0	1 x 45 cm	Natural	CN9252	24
DS: 3/8 circle, reverse cutting needle						
DS 12	1	5/0	1 x 45 cm	Natural	CN1202	24
DS 15	1.5	4/0	1 x 45 cm	Natural	CN1206	24
DS 19	1	5/0	1 x 45 cm	Natural	CN1215	24
	1.5	4/0	1 x 45 cm	Natural	CN1216	24
	2	3/0	1 x 45 cm	Natural	CN1217	24
	1.5	4/0	1 x 75 cm	Natural	CN1211	24
	2	3/0	1 x 75 cm	Natural	CN1212	24
	3	2/0	1 x 75 cm	Natural	CN1213	24
DSM: 3/8 circle, reverse cutting needle - micropoint						
DSM 16	1.5	4/0	1 x 45 cm	Natural	CN0207	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

VMG Vitrex Medical Group

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