



# SURGICAL SUTURES





# Suture materials

## ABSORBABLE SUTURES

Loss of tensile strength over time:



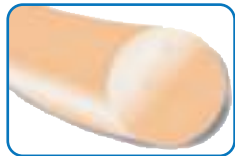
SYNTHETIC ABSORBABLE SURGICAL SUTURE  
**LUXCRYL 910**  
 POLYGLACTINE 910 BRAIDED



SYNTHETIC ABSORBABLE SURGICAL SUTURE  
**LUXCRYL PGA**  
 POLYGLYCOLIC ACID BRAIDED



SYNTHETIC ABSORBABLE SURGICAL SUTURE  
**LUXCRYL PDO**  
 POLYDIOXANONE MONOFILAMENT



ABSORBABLE SURGICAL SUTURE  
**CATGUT PLAIN**



ABSORBABLE SURGICAL SUTURE  
**CATGUT CHROM**



## NON-ABSORBABLE SUTURES



NONABSORBABLE SURGICAL SUTURE  
**LUXYLENE**  
 POLYPROPYLENE MONOFILAMENT



NONABSORBABLE SURGICAL SUTURE  
**LUXAMID**  
 NYLON BLUE



NONABSORBABLE SURGICAL SUTURE  
**LUXAMID**  
 NYLON BLACK



NONABSORBABLE SURGICAL SUTURE  
**SUPRAMID**  
 POLYAMID BLACK



NONABSORBABLE SURGICAL SUTURE  
**LUXPET**  
 POLYESTER BRAIDED



NONABSORBABLE SURGICAL SUTURE  
**SILK BRAIDED**  
 BLACK



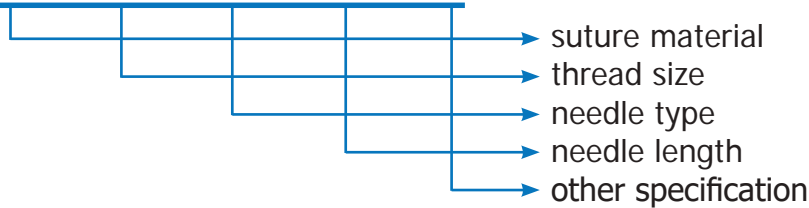
NONABSORBABLE SURGICAL SUTURE  
**STEEL**  
 STAINLESS STEEL MONOFILAMENT

# ORDER NUMBER SPECIFICATION -



## FOIL PACKS

### PL 30 HR 22 - X



#### SUTURE MATERIAL

PL	Luxcryl 910 polyglactine 910
PG	Luxcryl PGA polyglycolic acid
PD	Luxcryl PDO polydioxanone
CP	Catgut Plain
CC	Catgut Chrom
PP	Luxylene polypropylene
NY	Luxamid nylon
SB	Supramid polyamid
SI	Silk
PE	Luxpet polyester
ST	Steel

#### NEEDLE LENGTH

mm

#### THREAD SIZE

USP

#### OTHER SPECIFICATION

D	double needle
L	loop
P	premium needle
U	undyed suture
UP	undyed suture, premium needle

#### NEEDLE TYPE

●	HR	1/2 circle • round bodied • taper point
	DR	3/8 circle • round bodied • taper point
	VR	1/4 circle • round bodied • taper point
	FR	5/8 circle • round bodied • taper point
	GR	straight • round bodied • taper point
	JR	J-needle • round bodied • taper point
◐	HRT	1/2 circle • round bodied • tapercut point
	DRT	3/8 circle • round bodied • tapercut point
	JRT	J-needle • round bodied • tapercut point
▼	HS	1/2 circle • reverse cutting
	DS	3/8 circle • reverse cutting
▲	NH	1/2 circle • cutting
	NS	3/8 circle • cutting
	GS	straight • cutting
◓	HSP	1/2 circle • side cutting spatula
	DSP	3/8 circle • side cutting spatula
	VSP	1/4 circle • side cutting spatula
	GSP	straight • side cutting spatula
●	CC	3/8 circle • soft cutting point • coronary
●	DRB	3/8 circle • blunt needle
○	WN	without needle

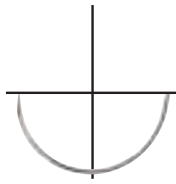
# NEEDLE TYPES



5/8 circle



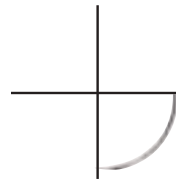
1/2 circle



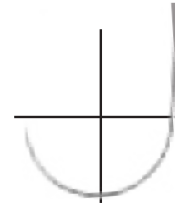
3/8 circle



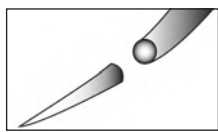
1/4 circle



J-needle

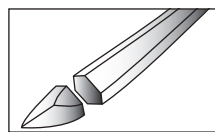


straight



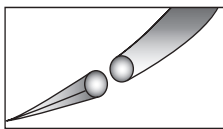
## ROUND BODIED TAPER POINT

A gradual taper to a round bodied needle.



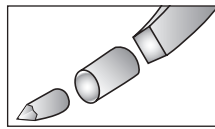
## SIDE CUTTING SPATULA NEEDLES

Needle with cutting edges on the two sides.



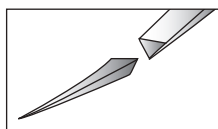
## ROUND BODIED TAPERCUT POINT

Balanced, cutting point-tapering into a round bodied needle.



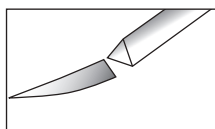
## SOFT CUTTING POINT - CORONARY

A minute point followed by a round body and a rectangular main body for better penetration in cardiovascular surgery.



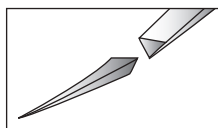
## REVERSE CUTTING

A triangular body offers a third cutting edge on the outer convex curvature.



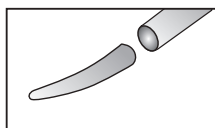
## CONVENTIONAL CUTTING

A triangular body offers a third cutting edge on the inside concave curvature.



## PREMIUM NEEDLE

Precision point with extra sharpening.



## BLUNT NEEDLE

Cylindrical bodied needle with a rounded point. For soft tissue such as in liver and kidneys. Reduced risk of needle stick injuries.

## SYNTHETIC ABSORBABLE SURGICAL SUTURE

# LUXCRYL 910

## POLYGLACTINE 910 BRAIDED

TYPE	Braided and coated multifilament	
COMPOSITION	Polyglactine 910, a copolymer made of 90% glycolide and 10%L-lactide	
COATING	Poly-glycolide-co-L-lactide and calcium stearate (<1%)	
TISSUE REACTION	Minimal	
ABSORPTION	The hydrolytic action by which the material is broken down results in total absorption between 56 and 70 days. Between 40% and 50% of tensile strength remain after 21 days.	
TENSILE STRENGTH	Post implantation	Approximate % original strength remaining
	14 days	75 %
	21 days	50 %
	28 days	20 %
SUTURE COLOUR	Violet	
RANGE	USP 10/0 - 2	
INDICATIONS	Luxcryl 910 sutures are intended for use in general soft tissue closing and/or ligation; especially in general surgery, skin closure, gastrointestinal surgery, plastic surgery, ophthalmic surgery, gynaecology, obstetrics, orthopaedics, urology	







Without needles

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
	2	3/0	12 x 45 cm	violet		PL30WN45-12
	3	2/0	12 x 45 cm	violet		PL20WN45-12
	3.5	0	12 x 45 cm	violet		PL00WN45-12
	4	1	12 x 45 cm	violet		PL01WN45-12
	1.5	4/0	5 x 70 cm	violet	N17	PL40WN70-5
	2	3/0	5 x 70 cm	violet	N17	PL30WN70-5
	3	2/0	5 x 70 cm	violet	N17	PL20WN70-5
	3.5	0	5 x 70 cm	violet	N17	PL00WN70-5
	4	1	5 x 70 cm	violet	N17	PL01WN70-5
	1.5	4/0	150 cm	violet	N17	PL40WN150
	2	3/0	150 cm	violet	N17	PL30WN150
	3	2/0	150 cm	violet	N17	PL20WN150
	3.5	0	150 cm	violet	N17	PL00WN150
	4	1	150 cm	violet	N17	PL01WN150
	5	2	150 cm	violet	N17	PL02WN150
	2	3/0	250 cm	violet	N18	PL30WN250
	3	2/0	250 cm	violet	N18	PL20WN250
	3.5	0	250 cm	violet	N18	PL00WN250
	4	1	250 cm	violet	N18	PL01WN250









Round bodied needle – taper point – 1/2 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HR13 13 mm 	0.7	6/0	75 cm	violet		PL60HR13
	1	5/0	75 cm	violet	N17	PL50HR13
	1.5	4/0	75 cm	violet	N18	PL40HR13
HR17 17 mm 	1	5/0	75 cm	violet		PL50HR17
	1.5	4/0	75 cm	violet		PL40HR17
	2	3/0	75 cm	violet		PL30HR17
HR20 20 mm 	1.5	4/0	75 cm	violet	N18	PL40HR20
HR22 22 mm 	1.5	4/0	75 cm	violet		PL40HR22
	2	3/0	75 cm	violet		PL30HR22
	3	2/0	75 cm	violet	N17	PL20HR22




Round bodied needle – taper point – 1/2 circle









NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HR26 26 mm 	1.5	4/0	75 cm	violet		PL40HR26
	2	3/0	75 cm	violet		PL30HR26
	2	3/0	90 cm	violet	N20	PL30HR26-90
	3	2/0	75 cm	violet		PL20HR26
	3.5	0	75 cm	violet		PL00HR26
	4	1	75 cm	violet	N17	PL01HR26
HR30 30 mm 	2	3/0	75 cm	violet		PL30HR30
	3	2/0	75 cm	violet		PL20HR30
	3	2/0	90 cm	violet	N18	PL20HR30-90
	3.5	0	75 cm	violet		PL00HR30
	4	1	90 cm	violet		PL01HR30
HR36 36 mm 	2	3/0	75 cm	violet	N18	PL30HR36
	3	2/0	75 cm	violet	N17	PL20HR36
	3	2/0	90 cm	violet	N20	PL20HR36-90
	3.5	0	90 cm	violet		PL00HR36
	4	1	90 cm	violet		PL01HR36
	5	2	90 cm	violet		PL02HR36
HR40 40 mm 	3	2/0	75 cm	violet		PL20HR40
	3.5	0	90 cm	violet		PL00HR40
	4	1	90 cm	violet		PL01HR40
	4	1	75 cm	violet		PL01HR40-75
	5	2	90 cm	violet		PL02HR40
HR45 45 mm 	4	1	90 cm	violet	N17	PL01HR45
	5	2	90 cm	violet		PL02HR45
HR48 48 mm 	3.5	0	90 cm	violet	N18	PL00HR48
	4	1	90 cm	violet	N17	PL01HR48
	5	2	90 cm	violet		PL02HR48



Round bodied needle – blunt – 3/8 circle


NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DRB63 63 mm 	4	1	100 cm	violet		PL01DRB63



Reverse cutting needle – 3/8 circle								
NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DS12	12 mm		0.7	6/0	45 cm	violet		PL60DS12
			1	5/0	45 cm	violet		PL50DS12
DS16	16 mm		0.7	6/0	45 cm	undyed	N20	PL60DS16-U
			1	5/0	75 cm	violet		PL50DS16
			1.5	4/0	75 cm	violet		PL40DS16
			1.5	4/0	75 cm	undyed	N18	PL40DS16-U
			2	3/0	75 cm	violet	N18	PL30DS16
DS19	19 mm		1	5/0	75 cm	violet		PL50DS19
			1	5/0	75 cm	undyed	N20	PL50DS19-U
			1.5	4/0	75 cm	violet		PL40DS19
			1.5	4/0	75 cm	undyed	N17	PL40DS19-U
			2	3/0	75 cm	violet		PL30DS19
DS24	24 mm		1.5	4/0	75 cm	violet		PL40DS24
			2	3/0	75 cm	violet		PL30DS24
			2	3/0	90 cm	violet	N20	PL30DS24-90
			3	2/0	75 cm	violet		PL20DS24
DS26	26 mm		3	2/0	90 cm	violet	N18	PL20DS26-90
DS30	30 mm		2	3/0	75 cm	violet	N18	PL30DS30
			3	2/0	75 cm	violet		PL20DS30
			3	2/0	90 cm	violet	N20	PL20DS30-90
			3.5	0	75 cm	violet		PL00DS30
			4	1	75 cm	violet		PL01DS30
DS36	36 mm		3	2/0	75 cm	violet		PL20DS36
			3	2/0	90 cm	violet	N20	PL20DS36-90
			4	1	75 cm	violet		PL01DS36
DS40	40 mm		3.5	0	75 cm	violet		PL00DS40
			3.5	0	90 cm	violet	N20	PL00DS40-90
			4	1	75 cm	violet		PL01DS40
			4	1	90 cm	violet	N20	PL01DS40-90







Round bodied needle – tapercut point – 1/2 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HRT18 18 mm 	1.5	4/0	75 cm	violet	N17	PL40HRT18






Reverse cutting needle – 1/2 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HS26 26 mm 	2	3/0	75 cm	violet	N17	PL30HS26
	3	2/0	75 cm	violet	N18	PL20HS26
HS36 36 mm 	3	2/0	75 cm	violet		PL20HS36
	3.5	0	90 cm	violet	N18	PL00HS36
HS40 40 mm 	3.5	0	90 cm	violet		PL00HS40
	4	1	90 cm	violet	N18	PL01HS40
HS48 48 mm 	3.5	0	90 cm	violet	N18	PL00HS48
	4	1	90 cm	violet		PL01HS48
	5	2	90 cm	violet	N17	PL02HS48





Side cutting spatula – 1/2 circle – double needle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HSP060 6 mm 200 µm 	0.4	8/0	45 cm	violet	N20	PL80HSP060-D
HSP080 8 mm 200 µm 	0.5	7/0	45 cm	violet	N20	PL70HSP080-D
HSP080 8 mm 300 µm 	0.7	6/0	45 cm	violet	N20	PL60HSP080-D





Side cutting spatula – 3/8 circle – double needle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DSP060 6 mm 200 µm 	0.4	8/0	45 cm	violet	N20	PL80DSP060-D
	0.5	7/0	45 cm	violet	N20	PL70DSP060-D
DSP065 6.5 mm 200 µm 	0.4	8/0	45 cm	violet	N20	PL80DSP065-D
	0.5	7/0	45 cm	violet	N20	PL70DSP065-D



### Side cutting spatula – 1/4 circle – double needle

NEEDLE				EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
VSP080	8 mm	300 µm		0.7	6/0	45 cm	violet	N20	PL60VSP080-D
				0.7	6/0	45 cm	undyed	N20	PL60VSP080-DU
VSP080	8 mm	350 µm		1	5/0	45 cm	violet	N20	PL50VSP080-D

## SYNTHETIC ABSORBABLE SURGICAL SUTURE

# LUXCRYL PGA

POLYGLYCOLIC ACID BRAIDED

TYPE	Braided and coated multifilament	
COMPOSITION	Polyglycolic acid	
COATING	Polycaprolactone and calcium stearate (1%)	
TISSUE REACTION	Minimal	
ABSORPTION	The hydrolytic action by which the material is broken down results in total absorption in approximately 60 to 90 days. Approximately 50% of tensile strength remain after 21 days.	
TENSILE STRENGTH	Post implantation	Approximate % original strength remaining
	14 days	70 %
	21 days	50 %
	28 days	20 %
SUTURE COLOUR	Violet, beige - undyed	
RANGE	USP 10/0 - 2	
INDICATIONS	Luxcryl PGA sutures are intended for use in general soft tissue closing and/or ligation; especially in general surgery, skin closure, gastrointestinal surgery, gynaecology, obstetrics, plastic surgery, urology, ophthalmic surgery, orthopaedics	











Without needles

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
	2	3/0	150 cm	violet		PG30WN150
	3	2/0	150 cm	violet		PG20WN150
	3.5	0	150 cm	violet		PG00WN150
	4	1	150 cm	violet		PG01WN150
	5	2	150 cm	violet		PG02WN150
	2	3/0	250 cm	violet	N18	PG30WN250
	3	2/0	250 cm	violet	N18	PG20WN250
	3.5	0	250 cm	violet	N18	PG00WN250
	4	1	250 cm	violet	N18	PG01WN250



Round bodied needle – taper point – 1/2 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HR13 13 mm 	0.7	6/0	75 cm	violet		PG60HR13
HR17 17 mm 	1	5/0	75 cm	violet		PG50HR17
	1.5	4/0	75 cm	violet	N17	PG40HR17
HR22 22 mm 	1.5	4/0	75 cm	violet		PG40HR22
	3	2/0	75 cm	violet		PG20HR22
	2	3/0	75 cm	violet	N17	PG30HR22
HR26 26 mm 	1.5	4/0	75 cm	violet		PG40HR26
	2	3/0	75 cm	violet		PG30HR26
	3	2/0	75 cm	violet		PG20HR26
HR30 30 mm 	3	2/0	75 cm	violet		PG20HR30
	3.5	0	75 cm	violet	N18	PG00HR30
HR36 36 mm 	2	3/0	75 cm	violet		PG30HR36
	3	2/0	75 cm	violet		PG20HR36
	3.5	0	90 cm	violet		PG00HR36
HR40 40 mm 	3.5	0	90 cm	violet		PG00HR40
	4	1	75 cm	violet	N18	PG01HR40-75
	4	1	90 cm	violet		PG01HR40
	5	2	90 cm	violet		PG02HR40
HR48 48 mm 	3.5	0	90 cm	violet		PG00HR48
	4	1	90 cm	violet		PG01HR48
	5	2	90 cm	violet		PG02HR48







### Reverse cutting needle – 3/8 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DS12 12 mm 	0.7	6/0	45 cm	violet		PG60DS12
	1	5/0	45 cm	violet		PG50DS12
DS16 16 mm 	1	5/0	75 cm	violet		PG50DS16
	1.5	4/0	75 cm	violet		PG40DS16
	2	3/0	75 cm	violet		PG30DS16
DS19 19 mm 	1	5/0	75 cm	violet		PG50DS19
	1.5	4/0	75 cm	violet		PG40DS19
	1.5	4/0	75 cm	undyed		PG40DS19-U
	2	3/0	75 cm	violet		PG30DS19
	2	3/0	75 cm	undyed		PG30DS19-U
	3	2/0	75 cm	violet		PG20DS19
DS24 24 mm 	2	3/0	75 cm	violet		PG30DS24
	3	2/0	75 cm	violet		PG20DS24
DS30 30 mm 	3	2/0	75 cm	violet		PG20DS30
	3.5	0	75 cm	violet		PG00DS30
	4	1	75 cm	violet		PG01DS30
DS40 40 mm 	3.5	0	75 cm	violet		PG00DS40
	4	1	75 cm	violet		PG01DS40




### Reverse cutting needle – 1/2 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HS26 26 mm 	3	2/0	75 cm	violet	N17	PG20HS26
HS36 36 mm 	3.5	0	90 cm	violet	N18	PG00HS36
HS40 40 mm 	3.5	0	90 cm	violet		PG00HS40
	4	1	90 cm	violet		PG01HS40
	5	2	90 cm	violet		PG02HS40
HS48 48 mm 	3.5	0	90 cm	violet		PG00HS48
	4	1	90 cm	violet		PG01HS48
	5	2	90 cm	violet		PG02HS48



### Reverse cutting needle – straight

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
GS60 60 mm 	3	2/0	75 cm	violet		PG20GS60








## SYNTHETIC ABSORBABLE SURGICAL SUTURE



# LUXCRYL PDO

## POLYDIOXANONE MONOFILAMENT







TYPE	Monofilament	
COMPOSITION	Polydioxanone, a polymer made from polyester poly (p-dioxanone)	
COATING	None	
TISSUE REACTION	Minimal	
ABSORPTION	The hydrolytic action by which the material is broken down results in total absorption in approximately 180 to 210 days. Approximately 50% of tensile strength remain after 42 days.	
TENSILE STRENGTH	Post implantation	Approximate % original strength remaining
	28 days	70 %
	42 days	50 %
	56 days	20 %
SUTURE COLOUR	Violet	
RANGE	USP 6/0 - 3&4	
INDICATIONS	Luxcryl PDO sutures are intended for use in general soft tissue closing; especially in general surgery, gastrointestinal surgery, ophthalmic surgery, orthopaedics, abdominal wall closure, gynaecology, plastic surgery, urology	




 Round bodied needle – taper point – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HR17 17 mm 	1	5/0	75 cm	violet	N17	PD50HR17	
HR22 22 mm 	1.5	4/0	75 cm	violet		PD40HR22	
	2	3/0	75 cm	violet		PD30HR22	
HR26 26 mm 	1	5/0	75 cm	violet	N17	PD50HR26	
	1.5	4/0	75 cm	violet		PD40HR26	
	2	3/0	75 cm	violet		PD30HR26	
	3	2/0	75 cm	violet		PD20HR26	
HR30 30 mm 	3.5	0	75 cm	violet		PD00HR30	
HR36 36 mm 	3.5	0	75 cm	violet		PD00HR36	
HR40 40 mm 	5	2	75 cm	violet		PD02HR40	
	4	1	90 cm	violet	N17	PD01HR40	

 Round bodied needle – taper point – 1/2 circle – loop							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HR50 50 mm 	4	1	150 cm	violet	N18	PD01HR50-L	



Reverse cutting needle – 3/8 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DS12 12 mm 	0.7	6/0	45 cm	violet	N17	PD60DS12	
	1	5/0	75 cm	violet		PD50DS12	
DS19 19 mm 	1	5/0	75 cm	violet	N18	PD50DS19	
	1.5	4/0	75 cm	violet		PD40DS19	
	2	3/0	75 cm	violet		PD30DS19	
DS24 24 mm 	2	3/0	75 cm	violet		PD30DS24	
	3	2/0	75 cm	violet		PD20DS24	
	3.5	0	75 cm	violet		PD00DS24	
DS26 26 mm 	2	3/0	75 cm	violet		PD30DS26	
DS30 30 mm 	3	2/0	75 cm	violet		PD20DS30	
	3.5	0	75 cm	violet		PD00DS30	
DS40 40 mm 	4	1	90 cm	violet		PD01DS40	




Reverse cutting needle – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HS36 36 mm 	3.5	0	75 cm	violet		PD00HS36	





# ABSORBABLE SURGICAL SUTURE

# CATGUT PLAIN

TYPE	Twisted multifilament with a monofilament appearance	
COMPOSITION	Strands of purified collagen taken from the serosal layer of selected bovines. Origin from BSE-free classified countries.	
COATING	None	
TISSUE REACTION	Moderate	
ABSORPTION	By phagocytosis. Complete mass absorption in approximately 63 days. Approximately 50% of tensile strength remain after 7 days. When used in infected tissues or in tissues with increased levels of proteolytic enzymes (stomach, cervix, vagina) it is more quickly absorbed.	
TENSILE STRENGTH	<b>Post implantation</b>	<b>Approximate % original strength remaining</b>
	7 days	50 %
	14 days	20 %
SUTURE COLOUR	Ivory	
RANGE	USP 6/0 - 2	
INDICATIONS	Catgut plain sutures are intended for use in general soft tissue closing and/or ligation; especially in general surgery, gastrointestinal surgery, gynaecology, obstetrics, urology, ophthalmic surgery	



 <b>Round bodied needle – taper point – 1/2 circle</b>							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HR26 26 mm 	3	3/0	75 cm	ivory	N17	CP30HR26	
HR37 37 mm 	3.5	2/0	75 cm	ivory		CP20HR37	







 <b>Reverse cutting needle – 3/8 circle</b>							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DS16 16 mm 	1.5	5/0	75 cm	ivory	N17	CP50DS16	
	2	4/0	75 cm	ivory	N17	CP40DS16	
DS19 19 mm 	3	3/0	75 cm	ivory	N17	CP30DS19	
DS24 24 mm 	3	3/0	75 cm	ivory	N17	CP30DS24	
	3.5	2/0	75 cm	ivory	N17	CP20DS24	




# ABSORBABLE SURGICAL SUTURE





# CATGUT CHROM

TYPE	Twisted multifilament with a monofilament appearance	
COMPOSITION	Strands of purified collagen taken from the serosal layer of selected bovines, tanned with chrome salts. Origin from BSE-free classified countries.	
COATING	None	
TISSUE REACTION	Moderate	
ABSORPTION	By phagocytosis. The rate of absorption is slowed down by chromizing. Complete mass absorption in approximately 90 days. Approximately 50% of tensile strength remain after 14 days. When used in infected tissues or in tissues with increased levels of proteolytic enzymes (stomach, cervix, vagina) it is more quickly absorbed.	
TENSILE STRENGTH	Post implantation	Approximate % original strength remaining
	14 days	50 %
	28 days	20 %
SUTURE COLOUR	Dark brown	
RANGE	USP 6/0 - 4	
INDICATIONS	Catgut chrom sutures are intended for use in general soft tissue closing and/or ligation; especially in general surgery, gastrointestinal surgery, gynaecology, obstetrics, urology, ophthalmic surgery	



 <b>Round bodied needle – taper point – 1/2 circle</b>								
NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HR20	20 mm		1.5	5/0	75 cm	brown	N17	CC50HR20
			2	4/0	75 cm	brown		CC40HR20
			3	3/0	75 cm	brown		CC30HR20
			3.5	2/0	75 cm	brown		CC20HR20
HR26	26 mm		2	4/0	75 cm	brown		CC40HR26
			3	3/0	75 cm	brown		CC30HR26
			3.5	2/0	75 cm	brown		CC20HR26
HR30	30 mm		3.5	2/0	75 cm	brown		CC20HR30
HR40	40 mm		3.5	2/0	75 cm	brown	N17	CC20HR40
			4	0	75 cm	brown		CC00HR40
			5	1	75 cm	brown		CC01HR40
			6	2	75 cm	brown		CC02HR40
HR48	48 mm		6	2	75 cm	brown	N18	CC02HR48

 <b>Round bodied needle – taper point – 3/8 circle</b>								
NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DR30	30 mm		4	0	75 cm	brown	N18	CC00DR30
DR45	45 mm		5	1	75 cm	brown	N18	CC01DR45

 <b>Reverse cutting needle – 3/8 circle</b>								
NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DS12	12 mm		1	6/0	75 cm	brown	N18	CC60DS12-75
			1.5	5/0	75 cm	brown	N18	CC50DS12-75
DS19	19 mm		1.5	5/0	75 cm	brown	N17	CC50DS19
			2	4/0	75 cm	brown	N17	CC40DS19
			3	3/0	75 cm	brown	N17	CC30DS19
DS37	37 mm		4	0	75 cm	brown	N17	CC00DS37












NONABSORBABLE SURGICAL SUTURE




# LUXYLENE




POLYPROPYLENE MONOFILAMENT









TYPE	Monofilament
COMPOSITION	Polypropylene, a polymer of propylene
COATING	None
TISSUE REACTION	Minimal
ABSORPTION	Non absorbable
SUTURE COLOUR	Blue
RANGE	USP 10/0 - 2
INDICATIONS	Luxylene sutures are intended for use in general soft tissue closing and/or ligation; especially in ophthalmic surgery, plastic surgery, skin closure, orthopaedics, hernias (also as a mesh), gastrointestinal surgery, general surgery, gynaecology, obstetrics




 <b>Round bodied needle – taper point – 1/2 circle</b>								
NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HR08	8 mm		0.4	8/0	60 cm	blue	double armed needle	PP80HR08-D
HR10	10 mm		0.5	7/0	45 cm	blue	N17	PP70HR10
			0.5	7/0	60 cm	blue	double armed needle	PP70HR10-D
			0.7	6/0	60 cm	blue	double armed needle	PP60HR10-D
HR13	13 mm		0.7	6/0	45 cm	blue	N17	PP60HR13
			0.7	6/0	60 cm	blue	double armed needle	PP60HR13-D
			1	5/0	60 cm	blue	double armed needle	PP50HR13-D
HR15	15 mm		1	5/0	75 cm	blue		PP50HR15
HR16	16 mm		1	5/0	90 cm	blue	double armed needle	PP50HR16-D
			1.5	4/0	75 cm	blue	N18	PP40HR16
			1.5	4/0	90 cm	blue	double armed needle	PP40HR16-D
HR20	20 mm		1.5	4/0	75 cm	blue		PP40HR20
			1.5	4/0	90 cm	blue	double armed needle	PP40HR20-D
			2	3/0	75 cm	blue		PP30HR20
HR25	25 mm		1.5	4/0	75 cm	blue		PP40HR25
			2	3/0	75 cm	blue		PP30HR25
			2	3/0	90 cm	blue	double armed needle	PP30HR25-D
			3	2/0	75 cm	blue		PP20HR25
			3	2/0	90 cm	blue	double armed needle	PP20HR25-D
			3.5	0	75 cm	blue		PP00HR25
HR30	30 mm		2	3/0	75 cm	blue		PP30HR30
			3	2/0	75 cm	blue		PP20HR30
			3.5	0	75 cm	blue		PP00HR30
HR35	35 mm		3	2/0	75 cm	blue		PP20HR35
			3.5	0	75 cm	blue		PP00HR35
			4	1	75 cm	blue		PP01HR35
HR40	40 mm		3.5	0	75 cm	blue	N18	PP00HR40
			4	1	90 cm	blue	N18	PP01HR40
			5	2	75 cm	blue	N18	PP02HR40


 <b>Round bodied needle – tapercut point – 1/2 circle</b>								
NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HRT25	25 mm		3	2/0	90 cm	blue	double armed needle	PP20HRT25-D
HRT30	30 mm		2	3/0	90 cm	blue	double armed needle	PP30HRT30-D


 Round bodied needle – taper point – 3/8 circle – double armed needle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DR08 8 mm 	0.5	7/0	60 cm	blue	N17	PP70DR08-D	
DR13 13 mm 	0.7	6/0	60 cm	blue	N17	PP60DR13-D	
	1	5/0	75 cm	blue	N18	PP50DR13-D	

 Reverse cutting needle – 3/8 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DS12 12 mm 	0.7	6/0	45 cm	blue	N17	PP60DS12	
	1	5/0	45 cm	blue	N18	PP50DS12	
DS16 16 mm 	0.7	6/0	45 cm	blue	N17	PP60DS16	
	1	5/0	45 cm	blue		PP50DS16	
	1	5/0	75 cm	blue	N18	PP50DS16-75	
	1.5	4/0	45 cm	blue	N20	PP40DS16-45	
	1.5	4/0	75 cm	blue	N17	PP40DS16	
	2	3/0	75 cm	blue		PP30DS16	
DS19 19 mm 	1	5/0	45 cm	blue	N20	PP50DS19-45	
	1	5/0	75 cm	blue		PP50DS19	
	1.5	4/0	45 cm	blue	N20	PP40DS19-45	
	1.5	4/0	75 cm	blue		PP40DS19	
	2	3/0	75 cm	blue		PP30DS19	
	3	2/0	75 cm	blue		PP20DS19	
DS24 24 mm 	1.5	4/0	75 cm	blue		PP40DS24	
	2	3/0	75 cm	blue		PP30DS24	
	3	2/0	75 cm	blue		PP20DS24	
	4	1	75 cm	blue		PP01DS24	
DS30 30 mm 	2	3/0	75 cm	blue		PP30DS30	
	3	2/0	75 cm	blue		PP20DS30	
	3.5	0	75 cm	blue		PP00DS30	
DS36 36 mm 	3.5	2	75 cm	blue		PP00DS36	
	4	1	75 cm	blue		PP01DS36	
DS40 40 mm 	3	2/0	75 cm	blue		PP20DS40	
	3.5	0	75 cm	blue		PP00DS40	
	4	1	90 cm	blue		PP01DS40	



Reverse cutting needle – straight						
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
GS60 60 mm 	2	3/0	75 cm	blue		PP30GS60
	3	2/0	75 cm	blue		PP20GS60

Side cutting spatula – 3/8 circle – double needle						
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DSP064 6.4 mm 200 µm 	0.2	10/0	30 cm	blue	N20	PP10DSP064-D






Side cutting spatula – straight						
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
GSP16 16.15 mm 150 µm 	0.2	10/0	20 cm	blue	N20	PP10GSP16-D


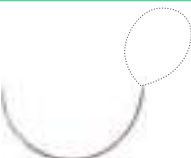



# LUXAMID

NONABSORBABLE SURGICAL SUTURE  
NYLON BLUE

TYPE	Monofilament
COMPOSITION	Extrusion of polyamide 6.0 or 6.6
COATING	None
TISSUE REACTION	Minimal
ABSORPTION	Non absorbable, gradually encapsulated by connective tissue. The thread mass diminishes, approximately 10% a year by rupture of chemical links (hydrolytic action).
SUTURE COLOUR	Blue, black
RANGE	USP 12/0 - 2
INDICATIONS	Luxamid sutures are intended for use in general soft tissue closing and/or ligation; especially in Luxamid blue: skin closure, general surgery, plastic surgery, gastrointestinal surgery, gynaecology, obstetrics, orthopaedics Luxamid black: plastic surgery, ophthalmic surgery















 Round bodied needle – taper point – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HR20 20 mm 	2	3/0	75 cm	blue	N18	NY30HR20	
HR26 26 mm 	3	2/0	75 cm	blue		NY20HR26	
HR30 30 mm 	3	2/0	75 cm	blue		NY20HR30	
HR40 40 mm 	3	2/0	75 cm	blue		NY20HR40	
	3.5	0	75 cm	blue		NY00HR40	
	4	1	75 cm	blue		NY01HR40	
	5	2	75 cm	blue		NY02HR40	


 Round bodied needle – taper point – 1/2 circle – loop							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HR30 30 mm 	3.5	0	150 cm	blue	loop	NY00HR30-L	
HR35 35 mm 	4	1	150 cm	blue	loop	NY01HR35-L	
HR40 40 mm 	3.5	0	150 cm	blue	loop	NY00HR40-L	
	4	1	150 cm	blue	loop	NY01HR40-L	
HR50 50 mm 	4	1	150 cm	blue	loop	NY01HR50-L	








Reverse cutting needle – 3/8 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DS12 12 mm 	0.7	6/0	75 cm	black		NY60DS12
	1	5/0	75 cm	black		NY50DS12
DS16 16 mm 	0.7	6/0	75 cm	black		NY60DS16
	1	5/0	45 cm	black	N20	NY50DS16-45
	1	5/0	75 cm	black		NY50DS16
	1.5	4/0	45 cm	blue	N20	NY40DS16-45
	1.5	4/0	75 cm	blue		NY40DS16
	2	3/0	75 cm	blue		NY30DS16
DS19 19 mm 	1	5/0	75 cm	black		NY50DS19
	1.5	4/0	45 cm	blue	N20	NY40DS19-45
	1.5	4/0	75 cm	blue		NY40DS19
	2	3/0	75 cm	blue		NY30DS19
	3	2/0	75 cm	blue		NY20DS19
DS24 24 mm 	1.5	4/0	75 cm	blue		NY40DS24
	1.5	4/0	45 cm	blue		NY40DS24-45
	2	3/0	75 cm	blue		NY30DS24
	3	2/0	75 cm	blue		NY20DS24
	3.5	0	75 cm	blue		NY00DS24
DS26 26 mm 	2	3/0	75 cm	blue		NY30DS26
	3	2/0	75 cm	blue		NY20DS26
DS30 30 mm 	2	3/0	75 cm	blue		NY30DS30
	3	2/0	75 cm	blue		NY20DS30
	3.5	0	75 cm	blue		NY00DS30
	4	1	75 cm	blue		NY01DS30
DS36 36 mm 	3	2/0	75 cm	blue		NY20DS36
	3.5	0	75 cm	blue	N18	NY00DS36
	4	1	75 cm	blue	N18	NY01DS36
DS40 40 mm 	3	2/0	75 cm	blue	N17	NY20DS40
	3.5	0	75 cm	blue		NY00DS40
	4	1	75 cm	blue		NY01DS40
	5	2	90 cm	blue		NY02DS40
DS90 90 mm 	3	2/0	90 cm	blue		NY20DS90
	4	1	90 cm	blue		NY01DS90

Reverse cutting needle – 1/2 circle									
NEEDLE				EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HS16	16 mm			1	5/0	75 cm	black	N18	NY50HS16
HS17	17 mm			1.5	4/0	75 cm	blue	N18	NY40HS17
HS36	36 mm			4	1	75 cm	blue	N20	NY01HS36

Side cutting spatula – 1/2 circle – double needle									
NEEDLE				EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HSP062	6.2 mm	150 µm		0.2	10/0	30 cm	black	N20	NY10HSP062-D

Side cutting spatula – 3/8 circle – double needle									
NEEDLE				EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DSP060	6 mm	200 µm		0.2	10/0	30 cm	black	N20	NY10DSP060-D
DSP062	6.2 mm	150 µm		0.2	10/0	30 cm	black	N20	NY10DSP062-D
				0.3	9/0	30 cm	black	N20	NY90DSP062-D
				0.4	8/0	30 cm	black	N20	NY80DSP062-D
DSP064	6.4 mm	200 µm		0.2	10/0	30 cm	black	N20	NY10DSP064-D
DSP080	8 mm	300 µm		0.7	6/0	45 cm	black	N20	NY60DSP080-D

Side cutting spatula – 3/8 circle									
NEEDLE				EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DSP062	6.2 mm	150 µm		0.2	10/0	15 cm	black	N20	NY10DSP062



NONABSORBABLE SURGICAL SUTURE



# SUPRAMID



POLYAMID BLACK






<b>TYPE</b>	Twisted and coated multifilament, sizes 5/0 and 6/0 monofilament
<b>COMPOSITION</b>	Polyamide 6.6 strands enclosed in a polyamide 6 sheet
<b>COATING</b>	None
<b>TISSUE REACTION</b>	Minimal
<b>ABSORPTION</b>	Non absorbable, gradually encapsulated by connective tissue
<b>SUTURE COLOUR</b>	Black
<b>RANGE</b>	USP 4/0 - 1
<b>INDICATIONS</b>	Supramid sutures are intended for use in general soft tissue closing and/or ligation; especially in skin closure








 <b>Round bodied needle – taper point – straight</b>							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
GR22 22 mm 	1.5	4/0	50 cm	black	N18	SB40GR22	

 <b>Round bodied needle – tapercut point – 3/8 circle</b>							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DRT18 18 mm 	1.5	4/0	75 cm	black		SB40DRT18	
	2	3/0	75 cm	black		SB30DRT18	

 <b>Round bodied needle – tapercut point – 1/2 circle</b>							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HRT18 18 mm 	1.5	4/0	75 cm	black		SB40HRT18	
	2	3/0	75 cm	black		SB30HRT18	

 <b>Reverse cutting needle – 3/8 circle</b>							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DS12 12 mm 	0.7	6/0	75 cm	black		SB60DS12	
DS16 16 mm 	0.7	6/0	75 cm	black		SB60DS16	
	1	5/0	45 cm	black	N20	SB50DS16-45	
	1	5/0	75 cm	black		SB50DS16	
	1.5	4/0	75 cm	black		SB40DS16-75	
DS19 19 mm 	0.7	6/0	75 cm	black		SB60DS19	
	1	5/0	75 cm	black		SB50DS19	
	1.5	4/0	75 cm	black		SB40DS19	
	2	3/0	75 cm	black		SB30DS19	
DS24 24 mm 	3	2/0	75 cm	black		SB20DS24	
	3.5	0	75 cm	black		SB00DS24	

 Reverse cutting needle – 1/2 circle								
NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HS17	17 mm		1.5	4/0	75 cm	black	N17	SB40HS17
HS20	20 mm		1	5/0	75 cm	black		SB50HS20
			1.5	4/0	75 cm	black		SB40HS20
			2	3/0	75 cm	black		SB30HS20
HS22	22 mm		1.5	4/0	75 cm	black		SB40HS22
HS26	26 mm		2	3/0	75 cm	black		SB30HS26



## NONABSORBABLE SURGICAL SUTURE

# LUXPET

## POLYESTER BRAIDED

TYPE	Braided multifilament
COMPOSITION	Polyester - a polymer of polyethylene terephthalate
COATING	Silicone
TISSUE REACTION	Minimal
ABSORPTION	Non absorbable, gradually encapsulated by connective tissue
SUTURE COLOUR	Green White
RANGE	USP 4/0 - 2
INDICATIONS	Luxpet sutures are intended for use in general soft tissue closing and/or ligation; especially in ophthalmic surgery, general surgery, skin closure, orthopaedics, gastrointestinal surgery, obstetrics









Without needles

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
	3.5	0	75 cm	green	N18	PE00WN150
	4	1	75 cm	green	N18	PE01WN150
	5	2	150 cm	green	N18	PE02WN150
	2	3/0	250 cm	green	N18	PE30WN250
	3	2/0	250 cm	green	N18	PE20WN250




Round bodied needle – taper point – 1/2 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HR16 16 mm 	1.5	4/0	75 cm	green	N18	PE40HR16
HR20 20 mm 	2	3/0	75 cm	green	N17	PE30HR20
HR26 26 mm 	2	3/0	75 cm	green	N18	PE30HR26
	3	2/0	75 cm	green	N17	PE20HR26
HR30 30 mm 	3	2/0	75 cm	green	N18	PE20HR30
	3.5	0	75 cm	green		PE00HR30
HR36 36 mm 	3.5	0	75 cm	green		PE00HR36
	4	1	75 cm	green		PE01HR36
HR40 40 mm 	4	1	75 cm	green		PE01HR40
	5	2	75 cm	green		PE02HR40



Round bodied needle – tapercut point – 1/2 circle

NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
HRT18 18 mm 	1.5	4/0	75 cm	green	N17	PE40HRT18
	2	3/0	75 cm	green	N17	PE30HRT18



Reverse cutting needle – 3/8 circle

NEEDLE				EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DS16	16 mm			1	5/0	75 cm	green	N20	PE50DS16
				1.5	4/0	75 cm	green	N20	PE40DS16
DS19	19 mm			1.5	4/0	75 cm	green		PE40DS19
				2	3/0	75 cm	green		PE30DS19
DS24	24 mm			2	3/0	75 cm	green		PE30DS24
				3	2/0	75 cm	green		PE20DS24
DS30	30 mm			3	2/0	75 cm	green		PE20DS30
				3.5	0	75 cm	green		PE00DS30
				4	1	75 cm	green		PE01DS30



Side cutting spatula – 1/4 circle – double needle

NEEDLE				EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
VSP080	8 mm	350 µm		1	5/0	45 cm	white	N20	PE50VSP080-D

NONABSORBABLE SURGICAL SUTURE

# SILK BRAIDED

BLACK

NONABSORBABLE SURGICAL SUTURE

# SILK VIRGIN

BLUE

TYPE	Braided multifilament (Silk braided) Twisted multifilament (Silk virgin)
COMPOSITION	Braided / twisted fibres from the cocoon of the silkworm
COATING	Waxes, Silicone (Silk braided) None (Silk virgin)
TISSUE REACTION	Moderate
ABSORPTION	Silk suture elicits an initial inflammatory reaction in tissues, which is followed by gradual encapsulation of the suture by fibrous connective tissues
SUTURE COLOUR	Black (Silk braided) Blue (Silk virgin)
RANGE	USP 7/0 - 3&4
INDICATIONS	Silk sutures are intended for use in general soft tissue closing and/or ligation; especially in general surgery, skin closure, ophthalmic surgery, oral surgery, gastrointestinal surgery, gynaecology, obstetrics












**Without needles**



NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
	2	3/0	13 x 60 cm	black		SI30WN60-13
	3	2/0	13 x 60 cm	black		SI20WN60-13
	3.5	0	13 x 60 cm	black		SI00WN60-13
	4	1	13 x 60 cm	black		SI01WN60-13
	5	2	13 x 60 cm	black	N17	SI02WN60-13
	6	3&4	13 x 60 cm	black	N17	SI03WN60-13
	2	3/0	12 x 75 cm	black		SI30WN75-12
	3	2/0	12 x 75 cm	black		SI20WN75-12
	3.5	0	12 x 75 cm	black	N17	SI00WN75-12
	4	1	12 x 75 cm	black	N17	SI01WN75-12
	5	2	12 x 75 cm	black	N17	SI02WN75-12
	2	3/0	150 cm	black	N18	SI30WN150
	3	2/0	150 cm	black	N18	SI20WN150
	3.5	0	150 cm	black	N18	SI00WN150
	4	1	150 cm	black	N18	SI01WN150







**Round bodied needle – taper point – 1/2 circle**








NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HR13 13 mm 	1	5/0	75 cm	black		SI50HR13	
HR16 16 mm 	1	5/0	75 cm	black	N18	SI50HR16	
	1.5	4/0	75 cm	black		SI40HR16	
HR20 20 mm 	1	5/0	75 cm	black	N17	SI50HR20	
	1.5	4/0	75 cm	black	N17	SI40HR20	
	2	3/0	75 cm	black		SI30HR20	
HR26 26 mm 	3	2/0	75 cm	black		SI20HR20	
	1.5	4/0	75 cm	black	N17	SI40HR26	
	2	3/0	75 cm	black		SI30HR26	
	3	2/0	75 cm	black		SI20HR26	
HR26 26 mm 	3.5	0	75 cm	black		SI00HR26	
	4	1	75 cm	black		SI01HR26	
	HR30 30 mm 	2	3/0	75 cm	black	N17	SI30HR30
		3	2/0	75 cm	black	N18	SI20HR30
3.5		0	75 cm	black	N17	SI00HR30	
4		1	75 cm	black	N17	SI01HR30	





 Round bodied needle – taper point – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HR37 37 mm 	3.5	0	75 cm	black		SI00HR37	
	4	1	75 cm	black	N18	SI01HR37	
HR40 40 mm 	5	2	75 cm	black	N17	SI02HR40	




 Round bodied needle – taper point – straight							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
GR22 22 mm 	1.5	4/0	50 cm	black	N18	SI40GR22	

 Round bodied needle – tapercut point – 3/8 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DRT18 18 mm 	1.5	4/0	75 cm	black		SI40DRT18	
	2	3/0	75 cm	black		SI30DRT18	



 Round bodied needle – tapercut point – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HRT18 18 mm 	1.5	4/0	75 cm	black		SI40HRT18	
	2	3/0	75 cm	black		SI30HRT18	

Reverse cutting needle – 3/8 circle								
NEEDLE			EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DS12	12 mm		1	5/0	45 cm	black	N17	SI50DS12
DS16	16 mm		0.7	6/0	75 cm	black		SI60DS16
			1	5/0	75 cm	black		SI50DS16
			1.5	4/0	75 cm	black		SI40DS16
			2	3/0	75 cm	black		SI30DS16
			3	2/0	75 cm	black		SI20DS16
DS19	19 mm		1	5/0	75 cm	black		SI50DS19
			1.5	4/0	75 cm	black		SI40DS19
			2	3/0	75 cm	black		SI30DS19
DS24	24 mm		3	2/0	75 cm	black		SI20DS24
			3.5	0	75 cm	black		SI00DS24
			2	3/0	75 cm	black		SI30DS24
DS30	30 mm		1.5	4/0	75 cm	black		SI40DS30
			2	3/0	75 cm	black		SI30DS30
			3	2/0	75 cm	black		SI20DS30
			3.5	0	75 cm	black		SI00DS30
			4	1	75 cm	black		SI01DS30
DS37	37 mm		2	3/0	75 cm	black	N18	SI30DS37
			3	2/0	75 cm	black	N18	SI20DS37
			3.5	0	75 cm	black		SI00DS37
			4	1	75 cm	black		SI01DS37
			5	2	75 cm	black		SI02DS37
DS45	45 mm		3.5	0	75 cm	black		SI00DS45
			4	1	75 cm	black		SI01DS45
			5	2	75 cm	black		SI02DS45

Reverse cutting needle – 1/2 circle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HS17 17 mm 	1.5	4/0	75 cm	black		SI40HS17	
	2	3/0	75 cm	black		SI30HS17	
HS20 20 mm 	1.5	4/0	75 cm	black		SI40HS20	
	2	3/0	75 cm	black		SI30HS20	
HS22 22 mm 	1	5/0	75 cm	black		SI50HS22	
	1.5	4/0	75 cm	black		SI40HS22	
	2	3/0	75 cm	black		SI30HS22	
	3	2/0	75 cm	black		SI20HS22	
HS26 26 mm 	2	3/0	75 cm	black		SI30HS26	
	3	2/0	75 cm	black		SI20HS26	
	3.5	0	75 cm	black	N17	SI00HS26	
	4	1	75 cm	black	N17	SI01HS26	

Side cutting spatula – 3/8 circle – double needle							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
DSP065 6.5 mm 200 µm 	0.4	8/0	45 cm	black	N20	SI80DSP065-D	
DSP065 6.5 mm 250 µm 	0.5	7/0	45 cm	black	N20	SI70DSP065-D	
	0.7	6/0	45 cm	black	N20	SI60DSP065-D	
DSP080 8 mm 350 µm 	1	5/0	30 cm	black	N20	SI50DSP080-D	



 Side cutting spatula – 3/8 circle – double needle									
NEEDLE				EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER
DSP065	6.5 mm	200 µm		0.4	8/0	45 cm	blue	N20	SV80DSP065-D




## NONABSORBABLE SURGICAL SUTURE






# STEEL



## STAINLESS STEEL MONOFILAMENT

TYPE	Monofilament
COMPOSITION	Iron, nickel and chromium alloy
COATING	None
TISSUE REACTION	Minimal
ABSORPTION	Non absorbable
SUTURE COLOUR	Metal
RANGE	USP 0 - 7
INDICATIONS	Steel sutures are intended for use in closure of sternum, orthopaedics, abdominal wall closure and hernia repair



 <b>Round bodied needle – tapercut point – 1/2 circle</b>							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HRT40 40 mm 	6	3 & 4	4 x 45 cm	metal		ST03HRT40	
HRT48 48 mm 	7	5	4 x 45 cm	metal		ST05HRT48	

 <b>Reverse cutting needle – 1/2 circle</b>							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
HS40 40 mm 	4	1	4 x 45 cm	metal		ST01HS40	
	5	2	4 x 45 cm	metal		ST02HS40	
HS48 48 mm 	6	3 & 4	4 x 45 cm	metal		ST03HS48	
HS50 50 mm 	7	5	4 x 45 cm	metal		ST05HS50	
	8	6	4 x 45 cm	metal		ST06HS50	
HS58 58 mm 	7	5	4 x 45 cm	metal		ST05HS58	
	8	6	4 x 45 cm	metal		ST06HS58	

 <b>Reverse cutting needle – 1/2 circle – PATELLA SET</b>							
NEEDLE	EP	USP	LENGTH	SUTURE COLOUR	OTHER INFORMATION	ORDER NUMBER	
NH120 120 mm 	9	7	60 cm	metal	N17  PATELLA SET	ST07HS120	

# OTHER PRODUCTS



## SURGICAL BLADES



N° 10    N° 11    N° 12    N° 12D    N° 15    N° 15C    N° 20    N° 21    N° 22    N° 23    N° 24    N° 25  
LUSB10    LUSB11    LUSB12    LUSB12D    LUSB15    LUSB15C    LUSB20    LUSB21    LUSB22    LUSB23    LUSB24    LUSB25

### Surgical blades with plastic handle



N° 10    N° 11    N° 15    N° 20    N° 22    N° 23  
LUSD10    LUSD11    LUSD15    LUSD20    LUSD22    LUSD23

**COMPOSITION:**  
Carbon steel

Individual sterile foil packs  
without handle        100 / box  
with plastic handle    10 / box

## STITCH CUTTER



**LUSC**

**COMPOSITION:**  
Carbon steel

Individual sterile foil packs    100 / box

**BONEWAX** 2.5 g  
SURGICAL HAEMOSTATIC



12 x 2.5 g    **LUBW**

**COMPOSITION:**  
Refined white beeswax, paraffin and isopropyl palmitate

**INDICATIONS:**  
Used in the control of bleeding from bone surfaces by acting as a mechanical barrier.

## SURGICAL MESHES

Polypropylene hernia mesh

15 x 15 cm	<b>LUMP1515</b>
30 x 30 cm	<b>LUMP3030</b>
6 x 11 cm	<b>LUMP0611</b>
10 x 15 cm	<b>LUMP1015</b>
7,5 x 15 cm	<b>LUMP7515</b>

**COMPOSITION:**

Monofilament polypropylene knitted into an elastic, durable mesh

**INDICATIONS:**

Reinforcement of the abdominal wall  
 - hernia  
 - eventration  
 via celioscopy or laparotomy



## PILOMAT

Tablet crusher **Z045**



Tablet Splitter **Z044**



## SKIN STAPLER

Skin stapler 35 W	<b>LUSS</b>	10 pc.
Skin stapler Remover	<b>LUSR</b>	20 pc.

## SUTURE RACK



Rack to join 125 mm x 72 mm x 143 mm  
**Z070** 1 pc.

Drawer for rack  
**Z071** 1 pc.

# SURGICAL NEEDLES

1/2 CIRCLE

12 in one box



Reverse cutting needle

Round bodied needle

	Ordinary Eye GN	Spring Eye GF	Ordinary Eye GRN	Spring Eye GRF
90 mm N°00		1HS90-S		
80 mm N°1	1HS80-O	1HS80-S		1HR80-S
70 mm N°2	1SH70-O	1HS70-S		1HR70-S
65 mm N°3	1HS65-O			
60 mm N°4		1HS60-S		1HR60-S
55 mm N°6	1HS55-O	1HS55-S	1HR55-O	1HR55-S
50 mm N°7		1HS50-S	1HR50-O	1HR50-S
45 mm N°8		1HS45-S		1HR45-S
40 mm N°9	1HS40-O	1HS40-S	1HR40-O	1HR40-S
35 mm N°10		1HS35-S		1HR35-S
30 mm N°12		1HS30-S	1HR30-O	1HR30-S
25 mm N°13	1HS25-O	1HS25-S	1HR25-O	1HR25-S
20 mm N°15		1HS20-S		1HR20-S
16 mm N°16		1HS16-S		1HR16-S

SKI NEEDLES half curved

12 in one box



Reverse cutting needle

Ordinary Eye

Spring Eye

	Ordinary Eye	Spring Eye
80 mm N°1	1SKI80-O	
70 mm N°2	1SKI70-O	
65 mm N°3	1SKI65-O	
60 mm N°4	1SKI60-O	
57 mm N°5	1SKI57-O	
55 mm N°6	1SKI55-O	
50 mm N°7	1SKI50-O	
45 mm N°8	1SKI45-O	
40 mm N°9		1SKI40-S
35 mm N°10		1SKI35-S
30 mm N°12		1SKI30-S
25 mm N°13		1SKI25-S
20 mm N°15		1SKI20-S
16 mm N°16		1SKI16-S
12 mm N°20		1SKI12-S

SERPENTINE NEEDLES

12 in one box



Reverse cutting needle

Ordinary Eye

	Ordinary Eye
135 mm	1SERP135-O
145 mm	1SERP145-O

3/8 CIRCLE

12 in one box



Reverse cutting needle

Round bodied taper point

needle tapercut point

Ordinary Eye

Spring Eye

Ordinary Eye

Spring Eye

Ordinary Eye

	Ordinary Eye	Spring Eye	Ordinary Eye	Spring Eye	Ordinary Eye
130 mm N°6-0	1DS130-O		1DR130-O		
110 mm N°4-0			1DR110-O		
100 mm N°000	1DS100-O	1DS100-S		1DR100-S	
90 mm N°00	1DS90-O	1DS90-S	1DR90-O	1DR90-S	1DRT90-O
90 mm LIGHT N°00	1DS90-OL		1DR90-OL		
85 mm N°0			1DR85-O		
80 mm N°1	1DS80-O	1DS80-S	1DR80-O		1DRT80-O
70 mm N°2	1DS70-O	1DS70-S	1DR70-O	1DR70-S	
65 mm N°3			1DR65-O		
60 mm N°4	1DS60-O	1DS60-S		1DR60-S	
57 mm N°5	1DS57-O		1DR57-O		
55 mm N°6		1DS55-S			
50 mm N°7		1DS50-S	1DR50-O	1DR50-S	
45 mm N°8	1DS45-O	1DS45-S	1DR45-O	1DR45-S	
40 mm N°9	1DS40-O	1DS40-S	1DR40-O	1DR40-S	
35 mm N°10		1DS35-S		1DR35-S	
30 mm N°12	1DS30-O	1DS30-S	1DR30-O	1DR30-S	
25 mm N°13	1DS25-O	1DS25-S		1DR25-S	
20 mm N°15		1DS20-S		1DR20-S	
16 mm N°16	1DS16-O	1DS16-S		1DR16-S	
14 mm N°17		1DS14-S			
12 mm N°20		1DS12-S			

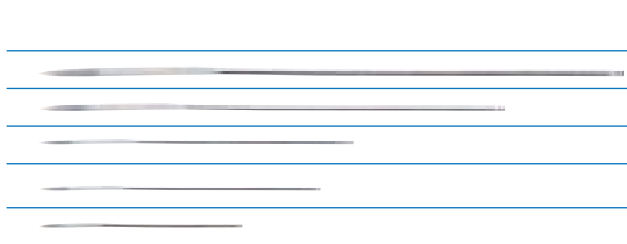
STRAIGHT NEEDLES

12 in one box

Reverse cutting needle

Ordinary Eye

Spring Eye



75 mm N° 1

60 mm N° 4

45 mm N° 8

40 mm N° 9

35 mm N° 10



1GS75-S

1GS60-S

1GS45-O

1GS40-S

1GS36-S

POST MORTEM NEEDLE 3/8 circle

12 in one box



Reverse cutting needle

Ordinary Eye



150 mm N°6"

130 mm N°5"

100 mm N°4"

1DS150-O

1DS130-O

1DS100-O



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