



KRUUSE Suture

kruuse.com



KRUUSE Suture



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KRUUSE Suture

The KRUUSE suture range is specifically tailored to the veterinary market based on wishes and requirements from KRUUSE's own customers and key opinion leaders.

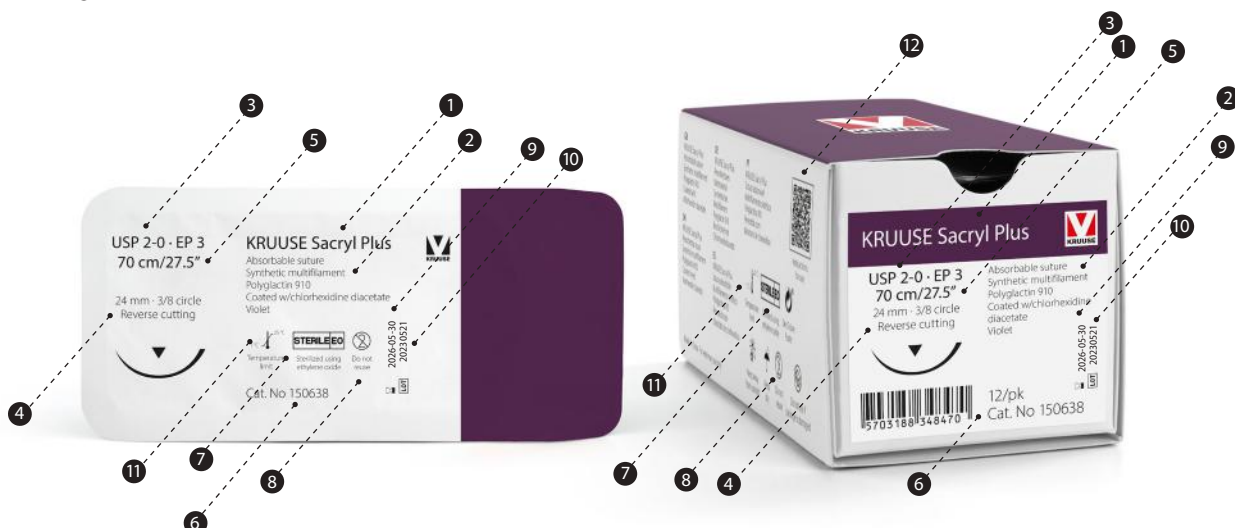
KRUUSE high quality sutures are easy to use, and you can choose from a wide range of lengths and sizes making daily life in veterinary practices so much easier.

The package labelling is clear and concise making it easy to choose the proper suture and needle. The competitive prices and smaller packages enable small practices to have a wider range of sutures without making huge investments.

KRUUSE Suture

Package labelling

1. Product name
2. Chemical composition and suture description
3. Suture size
4. Needle characteristics and symbol
5. Suture length
6. Catalogue number
7. Sterilisation method
8. Do not reuse
9. Expiry date
10. Batch number
11. Storage temperature
12. Instructions for use







Pharmacopoeia

American and European Pharmacopoeia

The European Pharmacopoeia (EP) uses the metric system for classifying suture size, whereas the American Pharmacopoeia classifies sutures in USP.

In the chart below you will find both USP and EP as well as the suture diameter range in mm.

All KRUUSE Sutures comply with the requirements of USP and EP.



American Pharmacopoeia USP	European Pharmacopoeia EP	Suture diameter
Absorbable and non-absorbable sutures	Absorbable and non-absorbable sutures	mm range
USP size	EP/metric size	mm
8-0	0.4	0.04-0.049
7-0	0.5	0.05-0.069
6-0	0.7	0.07-0.099
5-0	1	0.1-0.149
4-0	1.5	0.15-0.199
3-0	2	0.2-0.249
2-0	3	0.25-0.349
0	3.5	0.35-0.399
1	4	0.4-0.499
2	5	0.5-0.599
3+4	6	0.6-0.699
5	7	0.7-0.799
6	8	0.8-0.899
7	9	0.9-0.999
8	10	1.0-1.099

Needles

All KRUUSE suture needles are made of high-quality steel. They are specifically selected with focus on high bending force and low penetration force to give the user optimal conditions for performing surgical procedures.

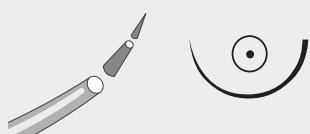


Choose the proper needle

Round needles

Round bodied taper point needle

Taper point provides easy and tissue-preserving penetration



Round bodied taper cut needle

Cutting provides smooth and easy penetration in tough tissues for less tissue trauma



Cutting needles

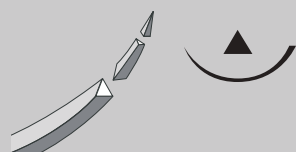
Reverse cutting needle

Triangular cross section shape with outside apex cutting edge to facilitate tissue penetration



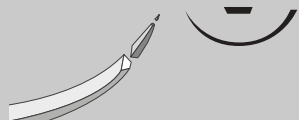
Conventional cutting needle

Triangular cross section shape. Cuts with the inner curve



Micropoint spatula needle

Perfect for ophthalmic surgery. Extremely sharp cutting edge



Needle shapes

3/8 circle



1/2 circle



Compound curved



Straight



Tensile strength overview

Type	Suture	Instructions for use	Remaining tensile strength, postoperative days					Complete mass absorption
			7 days	14 days	21 days	28 days	42 days	
Monofilament	 KRUUSE Monofast		65%	40%				90-120 days
	 KRUUSE Monofast Plus		65%	40%				90-120 days
	 KRUUSE PD-X			75%		65%	50%	180-220 days
	 KRUUSE PD-X Plus			75%		65%	50%	180-220 days
Multifilament	 KRUUSE Sacryl			75%	40%	20%		56-70 days
	 KRUUSE Sacryl Plus			75%	40%	20%		56-70 days
	 KRUUSE Sacryl Rapid		55%	20%	5%			42-56 days
	 KRUUSE PGA			75%	40%			60-90 days
Monofilament	 KRUUSE Promilene		-	-	-	-	-	-
	 KRUUSE Nylon		-	-	-	-	-	-
Multi-filament	 KRUUSE Silk		-	-	-	-	-	-
Pseudo-monofilament	 KRUUSE Krupramid		-	-	-	-	-	-

Shelf life and package size

Type	Suture	Shelf life	Packaging	
			Peel pack 12/pk	Casette 1/pk
Absorbable	 KRUUSE Monofast	3 years		
	 KRUUSE Monofast Plus	3 years		
	 KRUUSE PD-X	5 years		
	 KRUUSE PD-X Plus	5 years		
	 KRUUSE Sacryl	5 years		
	 KRUUSE Sacryl Plus	5 years		
	 KRUUSE Sacryl Rapid	3 years		
	 KRUUSE PGA	Peel pack: 5 years Casette: 3 years		
Non-absorbable	 KRUUSE Promilene	5 years		
	 KRUUSE Nylon	5 years		
	 KRUUSE Silk	Peel pack: 5 years Casette: 3 years		
	 KRUUSE Krupramid	Peel pack: 5 years Casette: 3 years		

Absorbable Sutures

Monofilament



KRUUSE Monofast

Description

KRUUSE Monofast Suture is a synthetic, absorbable, monofilament, sterile suture composed of polyglycolide-co-caprolactone.

KRUUSE Monofast Suture is available undyed and violet.

Days post surgery	Remaining tensile strength
7 days	65%
14 days	40%

Complete mass absorption in approximately 90-120 days.

Indications

KRUUSE Monofast is commonly used in soft tissues and ligation where absorbable sutures are indicated, including:

- Blood vessel ligation
- Ductus ligation
- Intradermal closure
- Oral mucosa/gingival approximation
- Subcutaneous approximation
- Urological surgery

Contraindications

- Where prolonged support from suturing is required

Range

- USP 5-0 to 1
- EP 1 to 4

Sterilisation method

- EO

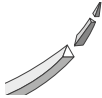
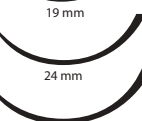
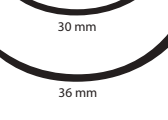


KRUUSE Monofast

Cat. No	Shape of needle	USP	EP	Suture length	Needle length	Colour	Package
150616	1/2 circle, reverse cutting 	0	3.5	90 cm / 35.5"	36 mm	● Violet	12/pk
150607	1/2 circle, round bodied, taper cut 	5-0	1	70 cm / 27.5"	17 mm	● Violet	12/pk
150623		4-0	1.5	70 cm / 27.5"	17 mm	● Violet	12/pk
150612		3-0	2	70 cm / 27.5"	26 mm	● Violet	12/pk
150596	1/2 circle, round bodied, taper point 	4-0	1.5	70 cm / 27.5"	17 mm	● Violet	12/pk
150595		4-0	1.5	70 cm / 27.5"	24 mm	● Violet	12/pk
150620		3-0	2	70 cm / 27.5"	22 mm	● Violet	12/pk
150583		3-0	2	70 cm / 27.5"	26 mm	● Violet	12/pk
150602		2-0	3	70 cm / 27.5"	26 mm	● Violet	12/pk
150621		0	3.5	70 cm / 27.5"	30 mm	● Violet	12/pk



KRUUSE Monofast

Cat. No	Shape of needle	USP	EP	Suture length	Needle length	Colour	Package
150586	3/8 circle, reverse cutting       	5-0	1	45 cm / 18"	13 mm	● Violet	12/pk
150594		5-0	1	45 cm / 18"	13 mm	○ Undyed	12/pk
150584		5-0	1	70 cm / 27.5"	13 mm	● Violet	12/pk
150593		5-0	1	70 cm / 27.5"	16 mm	● Violet	12/pk
150598		4-0	1.5	45 cm / 18"	13 mm	● Violet	12/pk
150622		4-0	1.5	45 cm / 18"	13 mm	○ Undyed	12/pk
150615		4-0	1.5	45 cm / 18"	16 mm	○ Undyed	12/pk
150599		4-0	1.5	45 cm / 18"	16 mm	● Violet	12/pk
150604		4-0	1.5	45 cm / 18"	19 mm	○ Undyed	12/pk
150585		4-0	1.5	70 cm / 27.5"	19 mm	● Violet	12/pk
150587		4-0	1.5	70 cm / 27.5"	19 mm	○ Undyed	12/pk
150597		4-0	1.5	90 cm / 35.5"	19 mm	● Violet	12/pk
150610		3-0	2	45 cm / 18"	19 mm	○ Undyed	12/pk
150618		3-0	2	45 cm / 18"	19 mm	● Violet	12/pk
150580		3-0	2	70 cm / 27.5"	19 mm	● Violet	12/pk
150588		3-0	2	70 cm / 27.5"	19 mm	○ Undyed	12/pk
150590		3-0	2	70 cm / 27.5"	24 mm	○ Undyed	12/pk
150591		3-0	2	70 cm / 27.5"	24 mm	● Violet	12/pk
150592		3-0	2	90 cm / 35.5"	24 mm	● Violet	12/pk
150581		3-0	2	70 cm / 27.5"	26 mm	● Violet	12/pk
150589		2-0	3	70 cm / 27.5"	24 mm	● Violet	12/pk
150603		2-0	3	70 cm / 27.5"	24 mm	○ Undyed	12/pk
150601		2-0	3	90 cm / 35.5"	24 mm	● Violet	12/pk
150582		2-0	3	70 cm / 27.5"	26 mm	● Violet	12/pk
150605		2-0	3	70 cm / 27.5"	26 mm	○ Undyed	12/pk
150606		0	3.5	70 cm / 27.5"	26 mm	● Violet	12/pk
150609		0	3.5	70 cm / 27.5"	30 mm	● Violet	12/pk
150611		1	4	70 cm / 27.5"	36 mm	● Violet	12/pk

KRUUSE Monofast

Cat. No	Shape of needle	USP	EP	Suture length	Needle length	Colour	Package
	3/8 circle, round bodied, taper point						
150608	  16 mm	4-0	1.5	70 cm / 27.5"	16 mm	● Violet	12/pk
	Compound curve, round bodied, taper cut						
150600	  13 mm	5-0	1	45 cm / 18"	13 mm	● Violet	12/pk
150613	  13 mm	5-0	1	45 cm / 18"	13 mm	○ Undyed	12/pk





KRUUSE Monofast Plus

Description

KRUUSE Monofast Plus Suture is a synthetic, absorbable, monofilament, sterile, surgical suture composed of polyglycolide-co-caprolactone.

The suture contains chlorhexidine diacetate, a broad-spectrum antibacterial agent, at no more than 60µg/m. The suture is available dyed violet.

Days post surgery	Remaining tensile strength
7 days	65%
14 days	40%

Complete mass absorption in approximately 90-120 days.

Indications

KRUUSE Monofast is commonly used in soft tissues and ligation where absorbable sutures are indicated, including:

- Blood vessel ligation
- Ductus ligation
- Intradermal closure
- Oral mucosa/gingival approximation
- Subcutaneous approximation
- Urological surgery

Contraindications

This suture, being absorbable, should not be used where extended approximation of tissues under stress is required. KRUUSE Monofast Plus Suture should not be used in patients with known allergic reactions to chlorhexidine diacetate.

Range

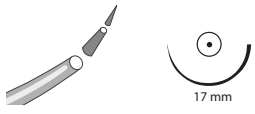
- USP 5-0 to 2-0
- EP 1 to 3

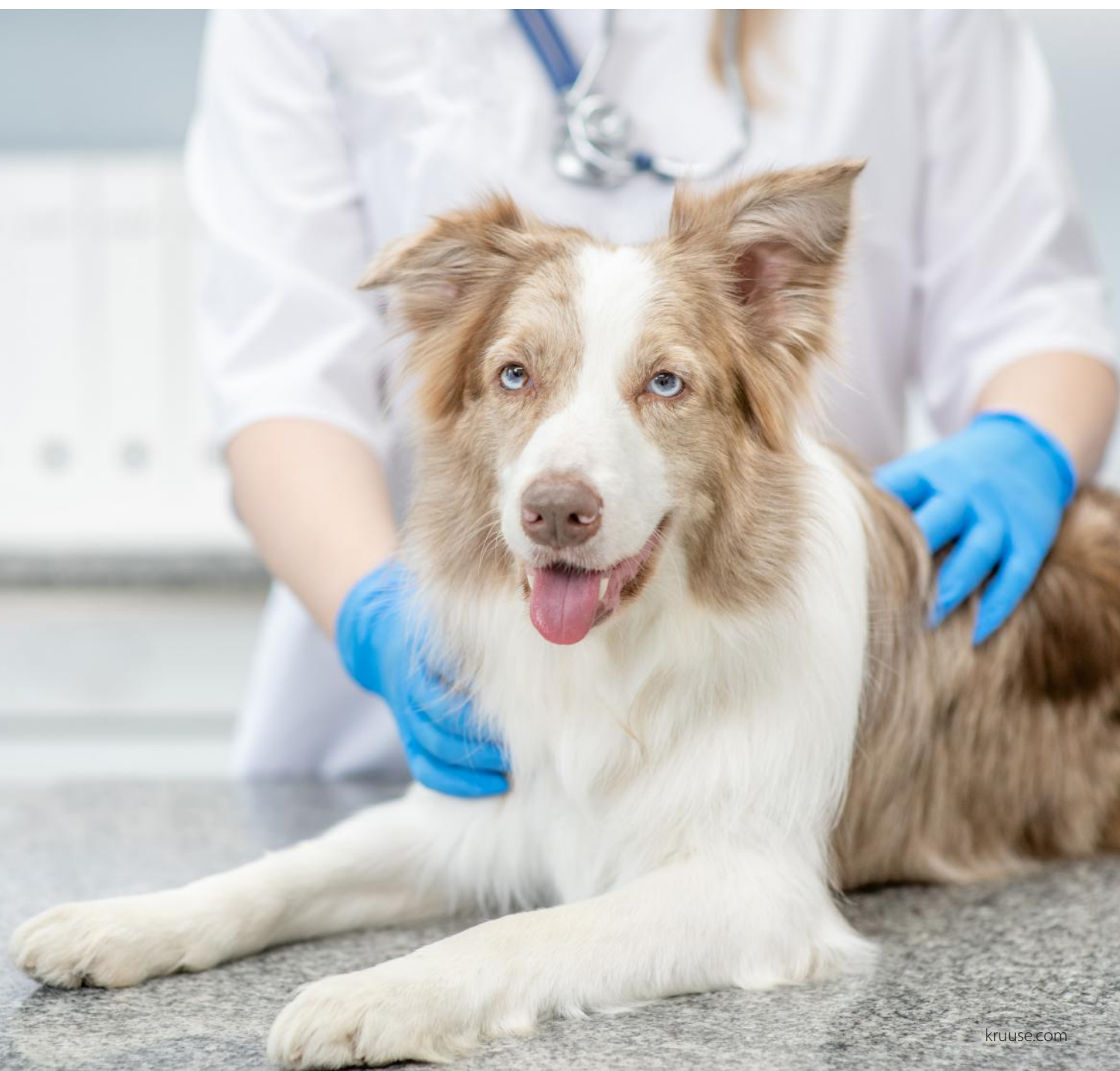
Sterilisation method

- EO



KRUUSE Monofast Plus

Cat. No	Shape of needle	USP	EP	Suture length	Needle length	Colour	Package
150626	1/2 circle, round bodied, taper point 	5-0	1	70 cm / 27.5"	17 mm	● Violet	12/pk
150624		4-0	1.5	70 cm / 27.5"	17 mm	● Violet	12/pk
150617	3/8 circle, reverse cutting 	4-0	1.5	70 cm / 27.5"	19 mm	● Violet	12/pk
150579		3-0	2	70 cm / 27.5"	19 mm	● Violet	12/pk
150614		3-0	2	70 cm / 27.5"	24 mm	● Violet	12/pk
150619		2-0	3	70 cm / 27.5"	24 mm	● Violet	12/pk





KRUUSE PD-X

Description

KRUUSE PD-X Suture is a synthetic, absorbable, monofilament, sterile suture composed of polydioxanone.

KRUUSE PD-X Suture is available dyed violet.

Days post surgery	Remaining tensile strength
14 days	75%
28 days	65%
42 days	50%

Complete mass absorption in approximately 180-220 days.

Indications

KRUUSE PD-X is commonly used in soft tissues and ligation where absorbable sutures are indicated, including:

- Ductus ligation
- Gynaecology and obstetrics
- GI surgery
- Facia approximation
- Joint capsula closure
- Ligament ligation
- Linea alba
- Subcutaneous approximation
- Urological surgery

Contraindications

This suture, being absorbable, should not be used where prolonged (beyond 6 weeks) approximation of tissues under stress is required and is not to be used in conjunction with prosthetic devices, for example, heart valves or synthetic grafts.

Range

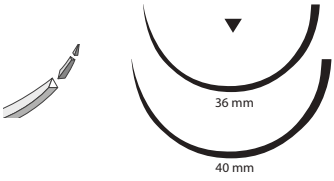
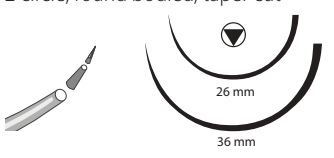
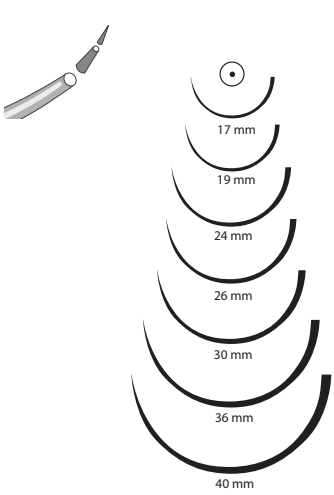
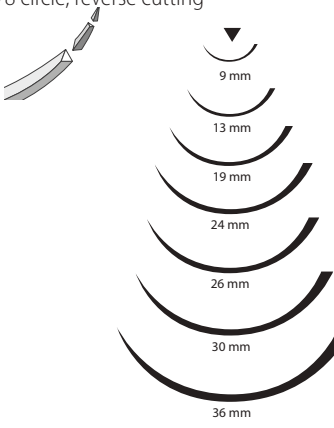
- USP 7-0 to 2
- EP 0.5 to 5

Sterilisation method

- EO



KRUUSE PD-X

Cat. No	Shape of needle	USP	EP	Suture length	Needle length	Colour	Package
150721	1/2 circle, reverse cutting 	2-0	3	70 cm / 27.5"	36 mm	● Violet	12/pk
150718		0	3.5	70 cm / 27.5"	36 mm	● Violet	12/pk
150725		1	4	70 cm / 27.5"	36 mm	● Violet	12/pk
150738		2	5	70 cm / 27.5"	40 mm	● Violet	12/pk
150720	1/2 circle, round bodied, taper cut 	2-0	3	70 cm / 27.5"	26 mm	● Violet	12/pk
150739		2-0	3	70 cm / 27.5"	36 mm	● Violet	12/pk
150729		0	3.5	70 cm / 27.5"	36 mm	● Violet	12/pk
150727	1/2 circle, round bodied, taper point 	4-0	1.5	45 cm / 18"	19 mm	● Violet	12/pk
150715		4-0	1.5	70 cm / 27.5"	24 mm	● Violet	12/pk
150734		3-0	2	70 cm / 27.5"	17 mm	● Violet	12/pk
150713		3-0	2	70 cm / 27.5"	26 mm	● Violet	12/pk
150742		3-0	2	70 cm / 27.5"	30 mm	● Violet	12/pk
150714		2-0	3	70 cm / 27.5"	26 mm	● Violet	12/pk
150726		2-0	3	70 cm / 27.5"	40 mm	● Violet	12/pk
150733		0	3.5	70 cm / 27.5"	26 mm	● Violet	12/pk
150722		0	3.5	70 cm / 27.5"	30 mm	● Violet	12/pk
150741		0	3.5	90 cm / 35.5"	40 mm	● Violet	12/pk
150735		1	4	70 cm / 27.5"	36 mm	● Violet	12/pk
150723	3/8 circle, conventional cutting 	3-0	2	70 cm / 27.5"	26 mm	● Violet	12/pk
150737		2-0	3	70 cm / 27.5"	36 mm	● Violet	12/pk
150730	3/8 circle, reverse cutting 	7-0	0.5	45 cm / 18"	9 mm	● Violet	12/pk
150731		5-0	1	45 cm / 18"	13 mm	● Violet	12/pk
150719		4-0	1.5	70 cm / 27.5"	19 mm	● Violet	12/pk
150736		4-0	1.5	70 cm / 27.5"	24 mm	● Violet	12/pk
150716		3-0	2	70 cm / 27.5"	19 mm	● Violet	12/pk
150712		3-0	2	70 cm / 27.5"	26 mm	● Violet	12/pk
150711		2-0	3	70 cm / 27.5"	26 mm	● Violet	12/pk
150724		1	4	70 cm / 27.5"	36 mm	● Violet	12/pk
150717		0	3.5	70 cm / 27.5"	30 mm	● Violet	12/pk



KRUUSE PD-X Plus

Description

KRUUSE PD-X Plus Suture is a synthetic, absorbable, monofilament, sterile, surgical suture composed of polydioxanone. The suture contains chlorhexidine diacetate, a broad-spectrum antibacterial agent, at no more than 60µg/m. The suture is available dyed violet

Days post surgery	Remaining tensile strength
14 days	75%
28 days	65%
42 days	50%

Complete mass absorption in approximately 180-220 days.

Indications

KRUUSE PD-X Plus is commonly used in soft tissues and ligation where absorbable sutures are indicated, including:

- Ductus ligation
- Gynaecology and obstetrics
- GI surgery
- Facia approximation
- Joint capsula closure
- Ligament ligation
- Linea alba
- Subcutaneous approximation
- Urological surgery

Contraindications

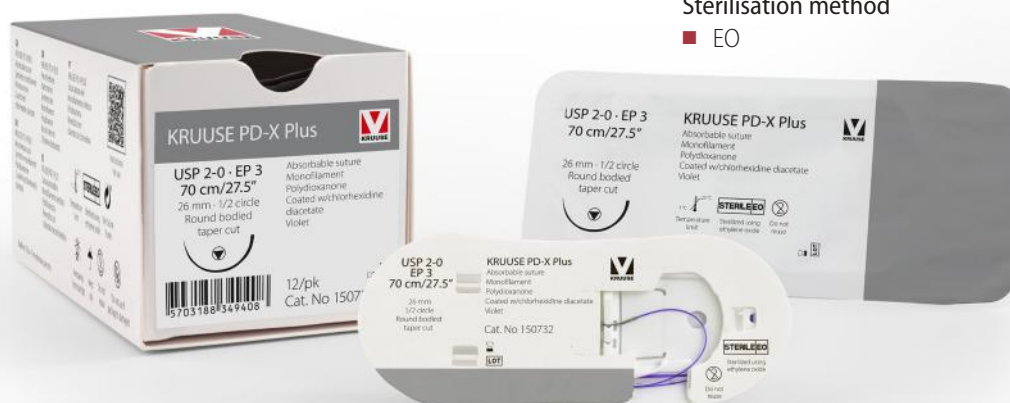
This suture, being absorbable, should not be used where prolonged (beyond 6 weeks) approximation of tissues under stress is required and is not to be used in conjunction with prosthetic devices, for example, heart valves or synthetic grafts. KRUUSE PD-X Plus Suture should not be used in patients with known allergic reactions to chlorhexidine diacetate.

Range

- USP 3-0 and 2-0
- EP 2 and 3

Sterilisation method

- EO



KRUUSE PD-X Plus

Cat. No	Shape of needle	USP	EP	Suture length	Needle length	Colour	Package
150732	1/2 circle, round bodied, taper cut 	2-0	3	70 cm / 27.5"	26 mm	● Violet	12/pk
150740	1/2 circle, round bodied, taper point 	3-0	2	70 cm / 27.5"	26 mm	● Violet	12/pk
150743		2-0	3	70 cm / 27.5"	26 mm	● Violet	12/pk



Absorbable Sutures

Multifilament



KRUUSE Sacryl

Description

KRUUSE Sacryl Suture is a synthetic, absorbable, multifilament, sterile surgical suture composed of Polyglactin 910.

KRUUSE Sacryl Suture is available undyed and dyed violet and uniformly coated with polyglycolide-co-lactide (30/70) and calcium stearate.

Days post surgery	Remaining tensile strength
14 days	75%
21 days	40%
28 days	20%

Complete mass absorption in approximately 56-70 days.

Indications

KRUUSE Sacryl Sutures are indicated for soft tissue approximation and ligation, where absorbable sutures are indicated, including:

- Blood vessel ligation
- Ductus ligation
- Gynaecology and obstetrics
- Intra dermal closure
- Joint capsula closure
- Ligament ligation
- Linea alba
- Muscle repairment and approximation
- Periocular surgery
- Subcutaneous approximation

Contraindications

Where permanent support is required

Range

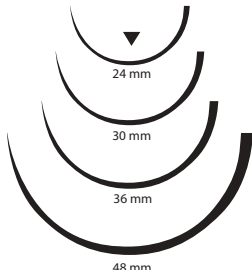
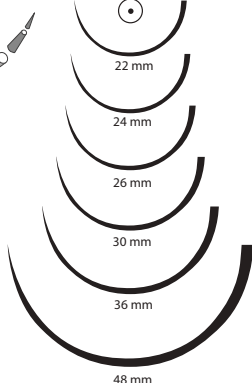
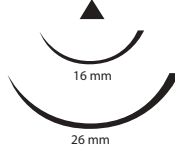
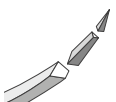
- USP 8-0 to 2
- EP 0.4 to 5

Sterilisation method

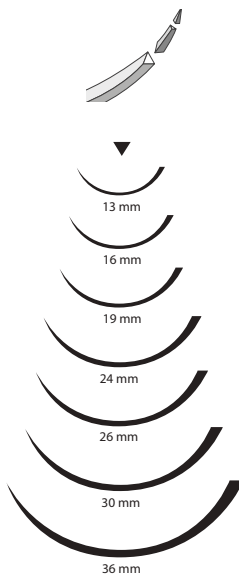
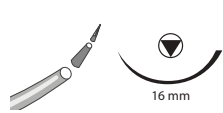
- EO



KRUUSE Sacryl

Cat. No	Shape of needle	USP	EP	Suture length	Needle length	Colour	Package
150663	 	3-0	2	70 cm / 27.5"	24 mm	● Violet	12/pk
150676		2-0	3	70 cm / 27.5"	30 mm	● Violet	12/pk
150647		2-0	3	70 cm / 27.5"	36 mm	● Violet	12/pk
150642		0	3.5	70 cm / 27.5"	36 mm	● Violet	12/pk
150666		0	3.5	90 cm / 35.5"	48 mm	● Violet	12/pk
150660		1	4	90 cm / 35.5"	48 mm	● Violet	12/pk
150664		2	5	90 cm / 35.5"	48 mm	● Violet	12/pk
150653	 	3-0	2	70 cm / 27.5"	26 mm	● Violet	12/pk
150669		2-0	3	70 cm / 27.5"	26 mm	● Violet	12/pk
150649	 	4-0	1.5	70 cm / 27.5"	24 mm	● Violet	12/pk
150641		3-0	2	70 cm / 27.5"	22 mm	● Violet	12/pk
150634		3-0	2	70 cm / 27.5"	26 mm	● Violet	12/pk
150631		2-0	3	70 cm / 27.5"	26 mm	● Violet	12/pk
150646		0	3.5	70 cm / 27.5"	30 mm	● Violet	12/pk
150661		1	4	70 cm / 27.5"	36 mm	● Violet	12/pk
150657		2	5	90 cm / 35.5"	48 mm	● Violet	12/pk
150683	 	5-0	1	70 cm / 27.5"	16 mm	● Violet	12/pk
150654		3-0	2	70 cm / 27.5"	16 mm	● Violet	12/pk
150674		3-0	2	70 cm / 27.5"	26 mm	○ Undyed	12/pk
150680		2-0	3	70 cm / 27.5"	26 mm	○ Undyed	12/pk
150665	 	8-0	0.4	30 cm / 11.8"	6.5 mm	● Violet	12/pk

KRUUSE Sacryl

Cat. No	Shape of needle	USP	EP	Suture length	Needle length	Colour	Package
150656	3/8 circle, reverse cutting 	6-0	0.7	45 cm / 18"	13 mm	● Violet	12/pk
150640		5-0	1	45 cm / 18"	16 mm	● Violet	12/pk
150682		5-0	1	45 cm / 18"	19 mm	● Violet	12/pk
150662		4-0	1.5	45 cm / 18"	19 mm	● Violet	12/pk
150633		4-0	1.5	70 cm / 27.5"	19 mm	● Violet	12/pk
150643		4-0	1.5	70 cm / 27.5"	24 mm	● Violet	12/pk
150636		3-0	2	45 cm / 18"	19 mm	● Violet	12/pk
150629		3-0	2	70 cm / 27.5"	19 mm	● Violet	12/pk
150627		3-0	2	70 cm / 27.5"	24 mm	● Violet	12/pk
150639		3-0	2	70 cm / 27.5"	30 mm	● Violet	12/pk
150671		3-0	2	90 cm / 35.5"	24 mm	● Violet	12/pk
150628		2-0	3	70 cm / 27.5"	24 mm	● Violet	12/pk
150670		2-0	3	90 cm / 35.5"	24 mm	● Violet	12/pk
150658		2-0	3	70 cm / 27.5"	26 mm	○ Undyed	12/pk
150630		2-0	3	70 cm / 27.5"	30 mm	● Violet	12/pk
150655		2-0	3	70 cm / 27.5"	36 mm	● Violet	12/pk
150632	3/8 circle, round bodied, taper cut 	0	3.5	70 cm / 27.5"	30 mm	● Violet	12/pk
150644		1	4	70 cm / 27.5"	36 mm	● Violet	12/pk
150684	Without needle 	3-0	2	150 cm / 59"	Without needle	● Violet	12/pk
150637		2-0	3	150 cm / 59"	Without needle	● Violet	12/pk
150648		0	3.5	150 cm / 59"	Without needle	● Violet	12/pk
150677		1	4	150 cm / 59"	Without needle	● Violet	12/pk
150675		2	5	150 cm / 59"	Without needle	● Violet	12/pk





KRUUSE Sacryl Plus

Description

KRUUSE Sacryl Plus Suture is a synthetic, absorbable, sterile, surgical suture composed of Polyglactin 910.

KRUUSE Sacryl Plus Suture is coated with copolymer of glycolide and lactide (Polyglactin 370) and calcium stearate.

The suture contains chlorhexidine diacetate, a broad-spectrum antibacterial agent. The copolymers in this product have been found to be non-antigenic, non-pyrogenic and elicit only a mild tissue reaction during absorption.

The suture is available in violet.

Days post surgery	Remaining tensile strength
14 days	75%
21 days	40%
28 days	20%

Complete mass absorption in approximately 56-70 days.

Indications

KRUUSE Sacryl Sutures are indicated for soft tissue approximation and ligation, where absorbable sutures are indicated, including:

- Blood vessel ligation
- Ductus ligation
- Gynaecology and obstetrics
- Intradermal closure
- Joint capsula closure
- Ligament ligation
- Linea alba
- Muscle repairment and approximation
- Periocular surgery
- Subcutaneous approximation

Contraindications

- Where permanent support is required
- KRUUSE Sacryl Plus Suture should not be used in patients with known allergic reactions to chlorhexidine diacetate

Range

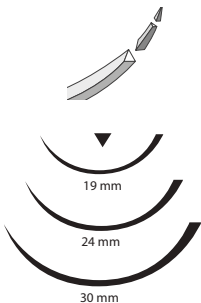
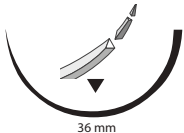
- USP 4-0 to 0
- EP 1.5 to 3.5

Sterilisation method

- EO



KRUUSE Sacryl Plus

Cat. No	Shape of needle	USP	EP	Suture length	Needle length	Colour	Package
150667		4-0	1.5	70 cm / 27.5"	19 mm	● Violet	12/pk
150650		3-0	2	70 cm / 27.5"	19 mm	● Violet	12/pk
150635		3-0	2	70 cm / 27.5"	24 mm	● Violet	12/pk
150678		2-0	3	70 cm / 27.5"	19 mm	● Violet	12/pk
150638		2-0	3	70 cm / 27.5"	24 mm	● Violet	12/pk
150668		2-0	3	70 cm / 27.5"	30 mm	● Violet	12/pk
150659		0	3.5	70 cm / 27.5"	30 mm	● Violet	12/pk
150679		1	4	70 cm / 27.5"	36 mm	● Violet	12/pk





KRUUSE Sacryl Rapid

Description

KRUUSE Sacryl Rapid Suture is a synthetic, absorbable, multifilament, sterile surgical suture composed of a copolymer made from 90% glycolide and 10% L-lactide. The characteristic rapid loss of strength is achieved by use of a polymer material with a lower molecular weight than regular KRUUSE Sacryl (Polyglactin 910) Suture.

KRUUSE Sacryl Rapid Suture is available undyed.

KRUUSE Sacryl Rapid Suture is uniformly coated with polyglycolide-co-lactide (30/70) and calcium stearate.

Days post surgery	Remaining tensile strength
7 days	55%
14 days	20%
21 days	5%

Complete mass absorption in approximately 42-56 days.

Indications

KRUUSE Sacryl Rapid is preferred in soft tissue- and dental surgery where a rapid healing is expected and a rapid suture absorption is beneficial.

Contraindications

Where longer or permanent support is required

Range

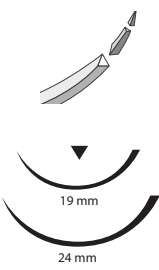
- USP 5-0 to 3-0
- EP 1 to 2

Sterilisation method

- EO



KRUUSE Sacryl Rapid

Cat. No	Shape of needle	USP	EP	Suture length	Needle length	Colour	Package
150673	 3/8 circle, reverse cutting	5-0	1	45 cm / 18"	19 mm	○ Undyed	12/pk
150652		4-0	1.5	45 cm / 18"	19 mm	○ Undyed	12/pk
150672		3-0	2	70 cm / 27.5"	24 mm	○ Undyed	12/pk





KRUUSE PGA

Description

KRUUSE PGA Suture is a synthetic, absorbable, multifilament, sterile surgical suture composed of polyglycolic acid.

KRUUSE PGA Suture is available dyed violet.

KRUUSE PGA Suture is coated with polycaprolactone and calcium stearate.

Days post surgery	Remaining tensile strength
14 days	75%
21 days	40%

Complete mass absorption in approximately 60-90 days

Indications

KRUUSE PGA Sutures are indicated for soft tissue approximation and ligation, where absorbable sutures are indicated, including:

- Blood vessel ligation
- Ductus ligation
- Facia approximation
- Gynaecology and obstetrics
- Joint capsula closure
- Ligament ligation
- Subcutaneous approximation

Contraindications

KRUUSE PGA Suture is not intended for use in cardiovascular tissue, neurosurgery, or ophthalmic surgery.

Range in peel pack

- USP 4-0 to 6
- EP 1.5 to 8

Range in cassettes

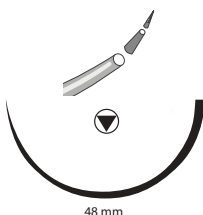
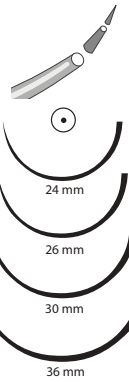
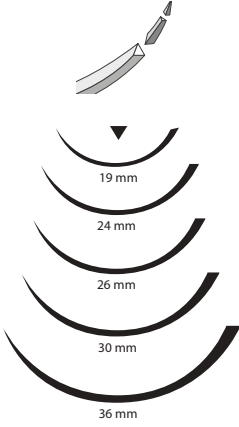
- USP 3-0 to 6
- EP 2 to 8

Sterilisation method

- EO



KRUUSE PGA

Cat. No	Shape of needle	USP	EP	Suture length	Needle length	Colour	Package
150710	1/2 circle, round bodied, taper cut 	6	8	150 cm / 59"	48 mm	● Violet	12/pk
150708	1/2 circle, round bodied, taper point 	4-0	1.5	70 cm / 27.5"	24 mm	● Violet	12/pk
150691		3-0	2	70 cm / 27.5"	26 mm	● Violet	12/pk
150689		2-0	3	70 cm / 27.5"	26 mm	● Violet	12/pk
150698		0	3.5	70 cm / 27.5"	30 mm	● Violet	12/pk
150704		0	3.5	90 cm / 35.5"	30 mm	● Violet	12/pk
150701		1	4	90 cm / 35.5"	30 mm	● Violet	12/pk
150706		2	5	90 cm / 35.5"	36 mm	● Violet	12/pk
150707	3/8 circle, reverse cutting 	4-0	1.5	70 cm / 27.5"	19 mm	● Violet	12/pk
150705		4-0	1.5	70 cm / 27.5"	24 mm	● Violet	12/pk
150688		3-0	2	70 cm / 27.5"	26 mm	● Violet	12/pk
150686		2-0	3	70 cm / 27.5"	26 mm	● Violet	12/pk
150709		2-0	3	70 cm / 27.5"	36 mm	● Violet	12/pk
150694		0	3.5	70 cm / 27.5"	30 mm	● Violet	12/pk
150697		0	3.5	90 cm / 35.5"	30 mm	● Violet	12/pk
150700		1	4	90 cm / 35.5"	30 mm	● Violet	12/pk
150696		1	4	70 cm / 27.5"	36 mm	● Violet	12/pk
150703		2	5	90 cm / 35.5"	36 mm	● Violet	12/pk
150690	Casette 	3-0	2	15 m / 49.2 ft	-	● Violet	1/pk
150685		2-0	3	15 m / 49.2 ft	-	● Violet	1/pk
150687		0	3.5	15 m / 49.2 ft	-	● Violet	1/pk
150692		1	4	15 m / 49.2 ft	-	● Violet	1/pk
150695		2	5	15 m / 49.2 ft	-	● Violet	1/pk
150693		3+4	6	15 m / 49.2 ft	-	● Violet	1/pk
150702		5	7	15 m / 49.2 ft	-	● Violet	1/pk
150699		6	8	15 m / 49.2 ft	-	● Violet	1/pk



KRUUSE suture indication chart

Type	Suture	Surgical procedure																	
		Blood vessel ligation	Cardiovascular procedures	Ductus ligation	Epidermal approximation	Facia approximation	GI surgery	Gynaecology and obstetrics	Intradermal closure	Joint capsula closure	Ligament ligation	Linea Alba	Muscle repairment and approximation	Neurological procedure	Oral mucosa/ gingiva approximation	Ophthalmic procedures	Periocular surgery	Subcutaneous approximation	Urological surgery
Absorbable	KRUUSE Monofast	•		•					•						•			•	•
	KRUUSE Monofast Plus	•		•					•						•			•	•
	KRUUSE PD-X			•		•	•	•		•	•	•						•	•
	KRUUSE PD-X Plus			•		•	•	•		•	•	•						•	•
	KRUUSE Sacryl	•		•				•	•	•	•	•	•				•	•	
	KRUUSE Sacryl Plus	•		•				•	•	•	•	•	•				•	•	
	KRUUSE Sacryl Rapid														•		•		
	KRUUSE PGA	•		•		•		•		•	•							•	
Non-absorbable	KRUUSE Promilene		•		•									•		•			
	KRUUSE Nylon		•		•									•		•			
	KRUUSE Silk		•											•	•	•			
	KRUUSE Krupramid		•		•									•		•			

Non-absorbable Sutures

Monofilament

KRUUSE Promilene

Description

KRUUSE Promilene Suture is a synthetic, non-absorbable, monofilament, sterile suture composed of an isotactic crystalline stereoisomer of polypropylene, a synthetic linear polyolefin.

KRUUSE Promilene Suture is available dyed blue with phthalocyanine blue and pink (fluorescence).

Indications

KRUUSE Promilene Suture is indicated for use in general soft tissue approximation and/or ligation, where a non-absorbable material is indicated, including:

- Skin closure
- Ophthalmic surgery
- Vascular and cardiovascular surgery
- Neurosurgery

Contraindications

None known.

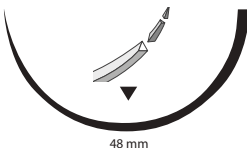
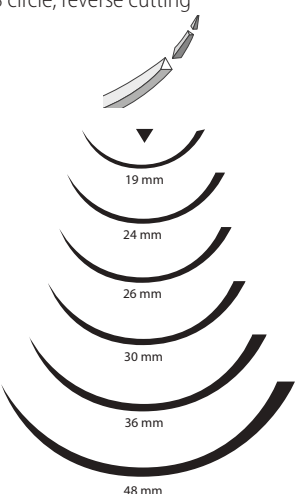
Range in peel pack

- USP 4-0 to 2
- EP 1.5 to 5

Sterilisation method

- EO



Cat. No	Shape of needle	USP	EP	Suture length	Needle length	Colour	Package
152973	½ circle, reverse cutting  48 mm	1	4	100 cm / 39.4"	48 mm	Blue	12/pk
152983	3/8 circle, reverse cutting  19 mm 24 mm 26 mm 30 mm 36 mm 48 mm	4-0	1.5	45 cm / 12"	19 mm	● Blue	12/pk
152984		4-0	1.5	70 cm / 27.5"	24 mm	● Blue	12/pk
152980		3-0	2	45 cm / 12"	19 mm	● Blue	12/pk
152981		3-0	2	70 cm / 27.5"	26 mm	● Blue	12/pk
152982		3-0	2	70 cm / 27.5"	30 mm	● Blue	12/pk
152979		2-0	3	70 cm / 27.5"	26 mm	● Pink (fluorescence)	12/pk
152977		2-0	3	70 cm / 27.5"	26 mm	● Blue	12/pk
152978		2-0	3	70 cm / 27.5"	36 mm	● Blue	12/pk
152971		0	3.5	70 cm / 27.5"	30 mm	● Pink (fluorescence)	12/pk
152972		0	3.5	70 cm / 27.5"	30 mm	● Blue	12/pk
152974		1	4	70 cm / 27.5"	36 mm	● Blue	12/pk
152975		1	4	90 cm / 35.4"	36 mm	● Pink (fluorescence)	12/pk
152976		2	5	90 cm / 35.4"	48 mm	● Blue	12/pk





KRUUSE Nylon

Description

KRUUSE Nylon Suture is a synthetic, non-absorbable, monofilament, sterile suture composed of polyamide 6.

KRUUSE Nylon Suture is available dyed blue with phthalocyanine blue.

Indications

KRUUSE Nylon Suture is indicated for use in general soft tissue approximation and/or ligation, where a non-absorbable material is indicated, including:

- Skin closure
- Ophthalmic surgery
- Vascular and cardiovascular surgery
- Neurosurgery

Contraindications

Due to the gradual loss of tensile strength which may occur over prolonged periods in vivo, KRUUSE Nylon Suture should not be used where permanent retention of tensile strength is required.

It is not indicated for the central circulatory system and central nervous system.

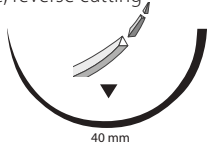
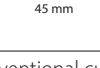
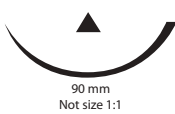
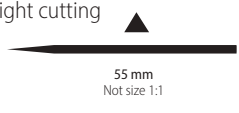
Range in peel pack

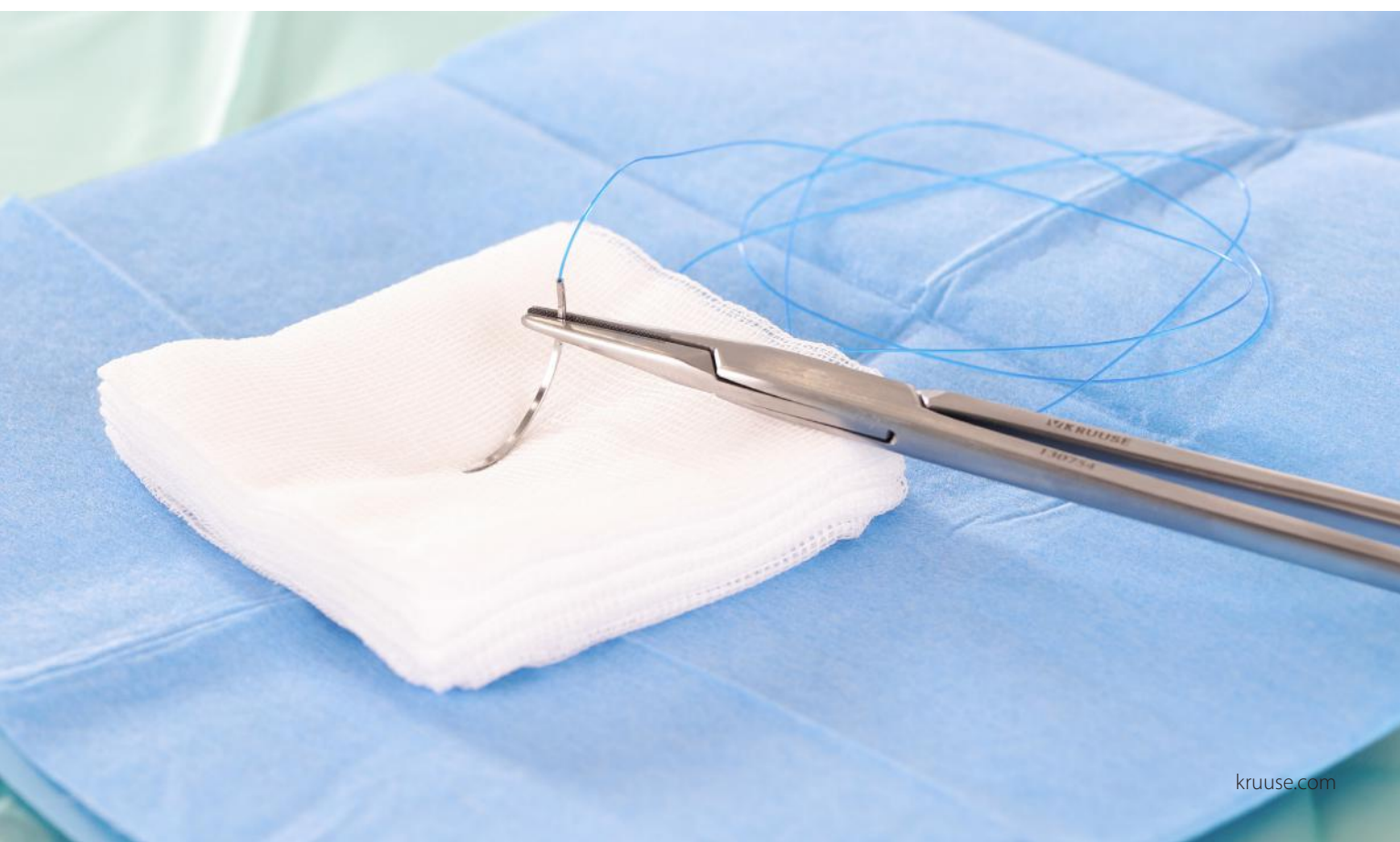
- USP 5-0 to 2
- EP 1 to 5

Sterilisation method

- EO



Cat. No	Shape of needle	USP	EP	Suture length	Needle length	Colour	Package
152955	½ circle, reverse cutting  40 mm	0	3.5	90 cm / 35.4"	40 mm	● Blue	12/pk
152969	3/8 circle, reverse cutting	5-0	1	45 cm / 12"	13 mm	● Blue	12/pk
152970		5-0	1	45 cm / 12"	19 mm	● Blue	12/pk
152967		4-0	1.5	45 cm / 12"	19 mm	● Blue	12/pk
152968		4-0	1.5	70 cm / 27.5"	24 mm	● Blue	12/pk
152963		3-0	2	45 cm / 12"	19 mm	● Blue	12/pk
152964		3-0	2	70 cm / 27.5"	19 mm	● Blue	12/pk
152965		3-0	2	70 cm / 27.5"	24 mm	● Blue	12/pk
152966		3-0	2	70 cm / 27.5"	26 mm	● Blue	12/pk
152959		2-0	3	70 cm / 27.5"	26 mm	● Blue	12/pk
152958		2-0	3	70 cm / 27.5"	39 mm	● Blue	12/pk
152960		2-0	3	90 cm / 35.4"	30 mm	● Blue	12/pk
152962		2-0	3	90 cm / 35.4"	45 mm	● Blue	12/pk
152953		0	3.5	70 cm / 27.5"	24 mm	● Blue	12/pk
152954		0	3.5	70 cm / 27.5"	30 mm	● Blue	12/pk
152956		1	4	70 cm / 27.5"	36 mm	● Blue	12/pk
152957	3/8 circle, conventional cutting  90 mm Not size 1:1	2	5	90 cm / 35.4"	90 mm	● Blue	12/pk
152961	Straight cutting  55 mm Not size 1:1	2-0	3	90 cm / 35.4"	55 mm	● Blue	12/pk



Non-absorbable Sutures

Multifilament

KRUUSE Silk

Description

KRUUSE Silk Suture is a natural, non-absorbable, multifilament, sterile suture composed of an organic protein called fibroin.

KRUUSE Silk Suture is available dyed black with Sulphol Black or Logwood Black.

KRUUSE Silk Suture is coated with silicone.

Indications

KRUUSE Silk Suture is indicated for use in general soft tissue approximation and/or ligation, where a non-absorbable material is indicated, including:

- Ophthalmic surgery
- Vascular and cardiovascular surgery
- Neurosurgery
- Dental surgery
- Ligation

Contraindications

The use of this suture is contraindicated in patients with known sensitivities or allergies to silk. Due to the gradual loss of tensile strength which may occur over prolonged periods in vivo, silk sutures should not be used where permanent retention of tensile strength is required.

It is not indicated for the central circulatory system and central nervous system.

Range in peel pack

- USP 3-0 to 0
- EP 2 to 3.5

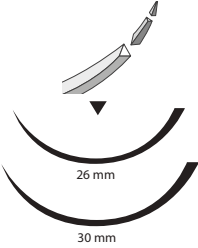
Range in cassettes

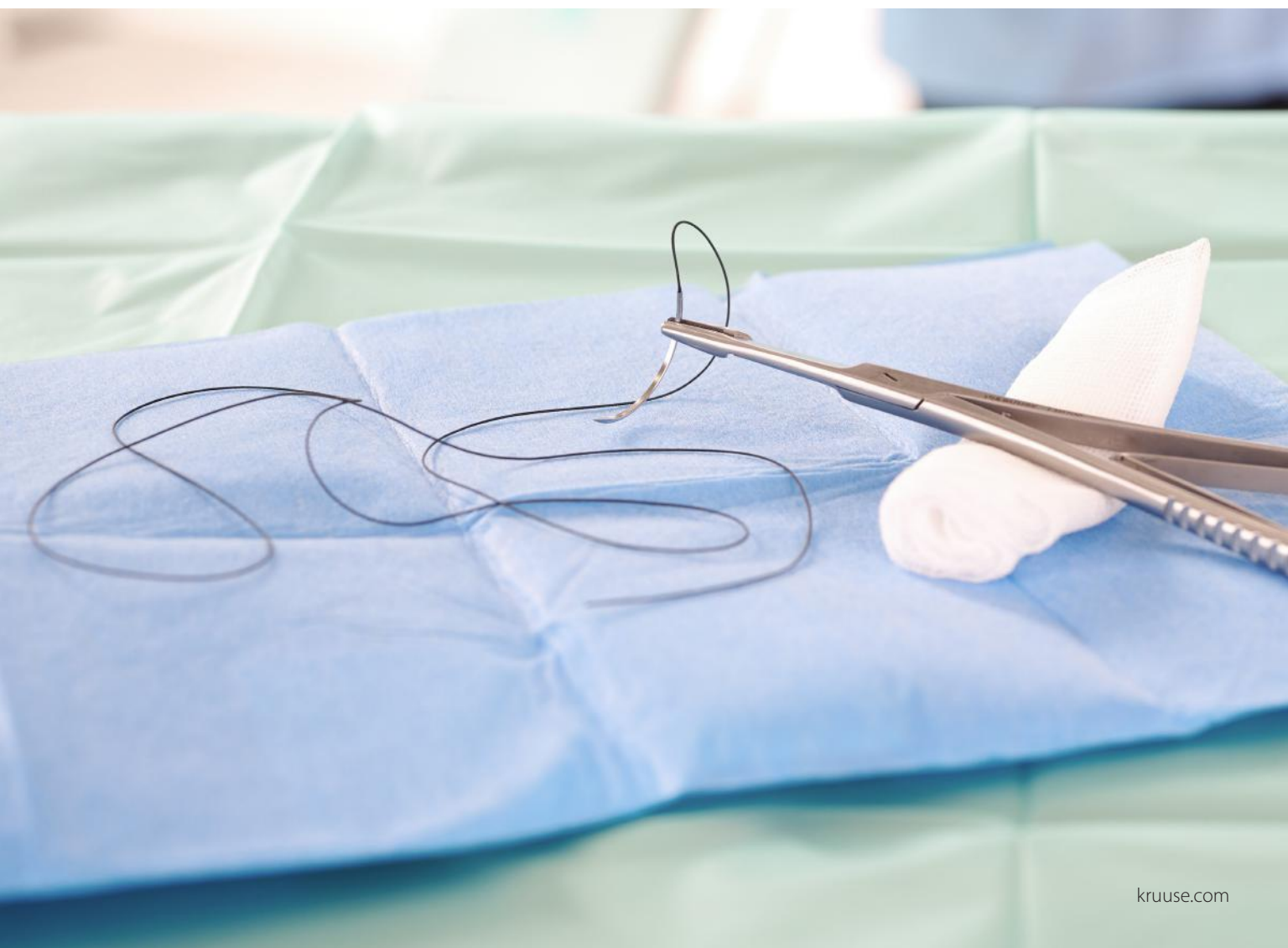
- USP 3-0 to 3+4
- EP 2 to 6

Sterilisation method

- EO



Cat. No	Shape of needle	USP	EP	Suture length	Needle length	Colour	Package
152987	3/8 circle, reverse cutting 	3-0	2	70 cm / 27.5"	26 mm	● Black	12/pk
152986		2-0	3	70 cm / 27.5"	26 mm	● Black	12/pk
152985		0	3.5	70 cm / 27.5"	30 mm	● Black	12/pk
152992	Casette 	3-0	2	100 m / 328.1 ft	-	● Black	1/pk
152991		2-0	3	100 m / 328.1 ft	-	● Black	1/pk
152988		0	3.5	100 m / 328.1 ft	-	● Black	1/pk
152989		1	4	100 m / 328.1 ft	-	● Black	1/pk
152990		2	5	100 m / 328.1 ft	-	● Black	1/pk
152993		3+4	6	50 m / 164 ft	-	● Black	1/pk
152994		5	7	60 m / 197 ft	-	● Black	1/pk



Non-absorbable Sutures

Pseudo-monofilament



KRUUSE Krupramid

Description

KRUUSE Krupramid Suture is a synthetic, non-absorbable, pseudo-monofilament, sterile suture composed of polyamide.

KRUUSE Krupramid Suture is available white and dyed Logwood Black.

Indications

KRUUSE Krupramid Suture is intended for use in general soft tissue approximation and/or ligation where a non-absorbable material is indicated, including:

- Skin closure
- Ophthalmic surgery
- Vascular and cardiovascular surgery
- Neurosurgery

Contraindications

Due to the gradual loss of tensile strength which may occur over prolonged periods in vivo, KRUUSE Krupramid Suture should not be used where permanent retention of tensile strength is required.

It is not indicated for the central circulatory system and central nervous system.

Range in peel pack

- USP 3-0 to 1
- EP 2 to 3.5

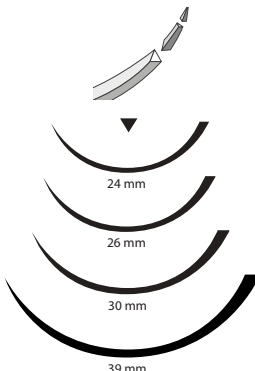
Range in cassettes

- USP 3-0 to 6
- EP 2 to 8

Sterilisation method

- EO



Cat. No	Shape of needle	USP	EP	Suture length	Needle length	Colour	Package
152941		3-0	2	45 cm / 12"	24 mm	● Black	12/pk
152944		3-0	2	70 cm / 27.5"	24 mm	● Black	12/pk
152943		3-0	2	70 cm / 27.5"	26 mm	○ White	12/pk
152942		3-0	2	45 cm / 12"	30 mm	● Black	12/pk
152945		3-0	2	70 cm / 27.5"	39 mm	● Black	12/pk
152937		2-0	3	45 cm / 12"	24 mm	● Black	12/pk
152940		2-0	3	70 cm / 27.5"	24 mm	● Black	12/pk
152938		2-0	3	70 cm / 27.5"	26 mm	○ White	12/pk
152939		2-0	3	70 cm / 27.5"	39 mm	○ White	12/pk
152934		0	3.5	70 cm / 27.5"	30 mm	○ White	12/pk
152935		0	3.5	70 cm / 27.5"	39 mm	● Black	12/pk
152936		1	4	70 cm / 27.5"	39 mm	● Black	12/pk
152952		3-0	2	100 m / 328.1 ft	-	○ White	1/pk
152950		2-0	3	100 m / 328.1 ft	-	○ White	1/pk
152947		0	3.5	100 m / 328.1 ft	-	○ White	1/pk
152948		1	4	100 m / 328.1 ft	-	○ White	1/pk
152949		2	5	75 m / 246 ft	-	○ White	1/pk
152951		3+4	6	50 m / 164 ft	-	○ White	1/pk
152946		6	8	50 m / 164 ft	-	○ White	1/pk





KRUUSE Suture Display

We aim to make handling and usage of KRUUSE sutures as user-friendly as possible. We have therefore designed a practical display for the KRUUSE sutures.

The suture display has an attractive design that fits into most clinics and hospitals. It is intended to be used either as a table top rack or it can be wall mounted in your clinic. Mobile vets may choose to have the display in their practice vehicle. Furthermore, you have the possibility to expand the display either in height or length by adding another display section.

Please notice that we have designed the display with a slight protuberance/rise at the front. This ensures stable and accurate placement of the suture dispenser box during handling.



Cat. No	Colour	Package
150901	Transparent	1/pk



KRUUSE Skin Stapler

The skin stapler is suitable for a range of surgical procedures requiring standard skin closure. The stapler is a premium product, ensuring reliable wound closure. The ergonomic handle design ensures effortless use and time efficiency. The stapler is sterile, disposable, and ready for immediate use. It includes 35 stainless steel staples.

Cat. No	Sterile	Size	Package
152166	Yes	7.2 mm x 4.9 mm / 2.83 x 1.93"	5/pk
152168	Yes	5.9 mm x 3.9 mm / 2.32 x 1.54"	5/pk



KRUUSE Skin Stapler Remover

The skin staple remover is designed to provide fast and easy removal of surgical skin staples. The skin staple remover is a premium product with an ergonomic handle design that ensures effortless use and time efficiency. The skin stapler remover is sterile, disposable, and ready for immediate use. Single-use only.

Cat. No	Size	Package
152167	Universal	20/pk



KRUUSE Suturing Pad

For practicing your suturing techniques use the KRUUSE Suturing Pad. The pad is made of foam, simulating cutis and subcutis. The pad can be used multiple times.

Cat. No	Package
152197	1/pk



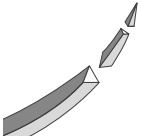
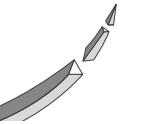
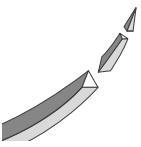
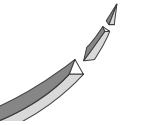
Cassette Holder

Cat. No	Package
150900	1/pk

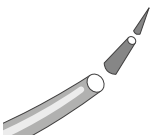
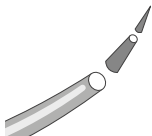
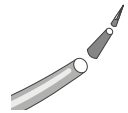
KRUUSE Suture Needles - Regular Eye

Stainless steel suture needles in supreme quality in both strength and sharpness. Cutting needle is the preferred needle type when suturing in more fibrous tissue such as skin, whereas most surgeons prefer the round bodied needle when suturing soft tissues like intestines and bladder.



Cat. No	Shape	Shape	Length	Package
152600	  3/8 Circle	3/8 circle, reverse cutting	17 mm	10/pk
152601		3/8 circle, reverse cutting	21 mm	10/pk
152602		3/8 circle, reverse cutting	25 mm	10/pk
152603		3/8 circle, reverse cutting	29 mm	10/pk
152604		3/8 circle, reverse cutting	41 mm	10/pk
152605		3/8 circle, reverse cutting	49 mm	10/pk
152606		3/8 circle, reverse cutting	61 mm	10/pk
152607		3/8 circle, reverse cutting	89 mm (diameter 1.1 mm)	10/pk
152608		3/8 circle, reverse cutting	89 mm (diameter 1.6 mm)	10/pk
152620	  1/2 Circle	1/2 circle, reverse cutting	41 mm	10/pk
152621		1/2 circle, reverse cutting	49 mm	10/pk
152622		1/2 circle, reverse cutting	69 mm	10/pk
152663	  3/8 Circle	3/8 circle, conventional cutting	19 mm	10/pk
152664		3/8 circle, conventional cutting	25 mm	10/pk
152665		3/8 circle, conventional cutting	29 mm	10/pk
152666		3/8 circle, conventional cutting	39 mm	10/pk
152667		3/8 circle, conventional cutting	65 mm	10/pk
152668		3/8 circle, conventional cutting	89 mm	10/pk
152661	 	1/2 circle, conventional cutting	25 mm	10/pk
152662		1/2 circle, conventional cutting	39 mm	10/pk
152627	 Straight	Straight, cutting	60 mm	10/pk
152628		Straight, cutting	90 mm	10/pk



Cat. No	Shape		Length	Package
152625		 3/8 Circle	28 mm	10/pk
152626			69 mm	10/pk
152610		 1/2 Circle	23 mm	10/pk
152611			28 mm	10/pk
152612			38 mm	10/pk
152613			48 mm	10/pk
152614			53 mm	10/pk
152615			68 mm	10/pk
152617		 1/2 Circle	23 mm	10/pk

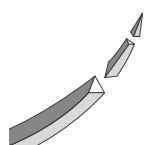
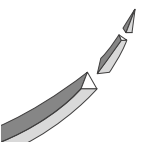
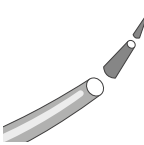
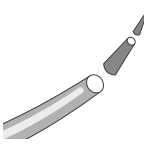
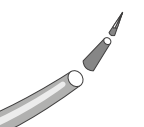


KRUUSE Suture Needles

- Spring Eye

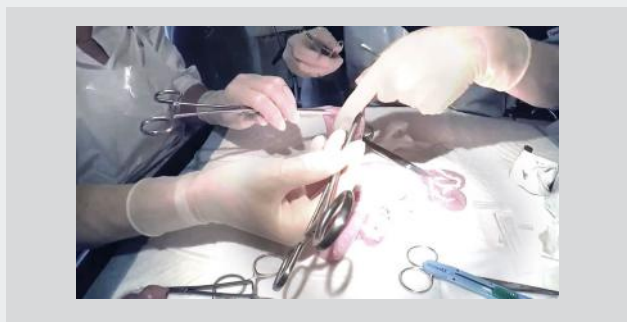
Stainless steel suture needles in supreme quality in both strength and sharpness. Cutting needle is the preferred needle type when suturing in more fibrous tissue such as skin, whereas most surgeons prefer the round bodied needle when suturing soft tissues like intestines and bladder.



Cat. No	Shape	Shape	Length	Package	
152630	  3/8 Circle	3/8 circle, reverse cutting	17 mm	10/pk	
152631		3/8 circle, reverse cutting	21 mm	10/pk	
152632		3/8 circle, reverse cutting	25 mm	10/pk	
152633		3/8 circle, reverse cutting	29 mm	10/pk	
152634		3/8 circle, reverse cutting	41 mm	10/pk	
152635		3/8 circle, reverse cutting	45 mm	10/pk	
152636		3/8 circle, reverse cutting	49 mm	10/pk	
152637		3/8 circle, reverse cutting	61 mm	10/pk	
152638		3/8 circle, reverse cutting	89 mm	10/pk	
152646	  1/2 Circle	1/2 circle, reverse cutting	29 mm	10/pk	
152647		1/2 circle, reverse cutting	41 mm	10/pk	
152648		1/2 circle, reverse cutting	69 mm	10/pk	
152660	 Straight		Straight, cutting	75 mm	10/pk
152640	  3/8 Circle	3/8 circle, round bodied, taper point	18 mm	10/pk	
152641		3/8 circle, round bodied, taper point	23 mm	10/pk	
152642		3/8 circle, round bodied, taper point	28 mm	10/pk	
152650	  1/2 Circle	1/2 circle, round bodied, taper point	23 mm	10/pk	
152651		1/2 circle, round bodied, taper point	28 mm	10/pk	
152652		1/2 circle, round bodied, taper point	38 mm	10/pk	
152653		1/2 circle, round bodied, taper point	48 mm	10/pk	
152654		1/2 circle, round bodied, taper point	53 mm	10/pk	
152657		  1/2 Circle	1/2 circle, round bodied, taper cut	23 mm	10/pk



Resources



WEBINAR:

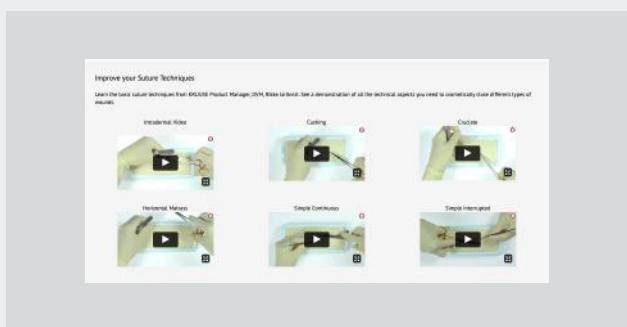
Soft Tissue Surgery

Learn the basic operation techniques with Pilar Lafuente DVM, PhD, Lecturer in Small Animal Surgery from Royal Veterinary College.

VIDEO:

Education Vidoes

Learn about relevant suture patterns from basic ones to more advanced patterns, and watch different knotting techniques. Also see how and when different types of sutures are being used in practice.



kruuse.com

