

Premisut PGAR

Premisut

Description

Premisut PGAR suture (Polyglycolic acid), is a sterile synthetic multifilament braided fast absorbable surgical suture prepared from homopolymers of 100% Glycolide. Premisut PGAR suture uses a polymer material with a lower molecular weight than regular Premisut PGA (Polyglycolic acid suture), making it fast absorbable leading to rapid loss of tensile strength after implantation. Premisut PGAR suture is available in undyed form. For added lubrication, smooth passage through tissue and easy knot tie down, Premisut PGAR suture is coated with a mixture of polycaprolactone and calcium stearate.

Indications

Premisut PGAR suture is intended for use in general soft tissue approximation where only short term wound support is required and where rapid absorption of the suture would be beneficial. Due to the rapid absorption profile, Premisut PGAR suture is useful for skin closure, particularly in paediatric surgery, episiotomies, circumcision and closure of oral mucosa. Premisut PGAR suture is also useful for conjunctival suturing in ophthalmic surgery.

Performance

Premisut PGAR suture after implantation elicits a mild to moderate initial inflammatory reaction in tissues and is eventually replaced with an ingrowth of fibrous connective tissue. Premisut PGAR suture being absorbable in nature gets absorbed in the tissues by means of hydrolysis, during which the Polyglycolic acid polymer is degraded into Glycolic acid which is eventually absorbed and metabolized in the body. This process of absorption initially leads to progressive loss of tensile strength, followed by a loss of mass.

Days post implantation

7 days
14 days
21 days

Tensile strength

44%
14.6%
0%

Total Absorption

~42~63 days

Color

Undyed



Sizes

6/0 to 2 USP

Usage Areas

General surgery, approximation and or ligation, skin closure, plastic surgery, obstetrics, gynecology, urology, pediatric, odontology, oral.

Sterilization

Ethylene Oxide

Shelf Life

5 years

Packaging

Box of 12pcs / 36pcs



Premisut PGAR

● ½ Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HR 17		5/0	1	Undyed	75	AM222HR1750	36
		4/0	1.5	Undyed	75	AM222HR1740	36
		3/0	2	Undyed	75	AM222HR1730	36
HR 17 PRIME NEEDLE		5/0	1	Undyed	75	AMP222HR1750	36
		4/0	1.5	Undyed	75	AMP222HR1740	36
		3/0	2	Undyed	75	AMP222HR1730	36
HR 22		4/0	1.5	Undyed	75	AM222HR2240	36
		3/0	2	Undyed	75	AM222HR2230	36
		2/0	3	Undyed	75	AM222HR2220	36
• RIBBED • RTT							
HR 22 PRIME NEEDLE		4/0	1.5	Undyed	75	AMP222HR2240	36
		3/0	2	Undyed	75	AMP222HR2230	36
		2/0	3	Undyed	75	AMP222HR2220	36
• RIBBED • RTT							
HR 26		4/0	1.5	Undyed	70	AM228HR2640	36
		3/0	2	Undyed	75	AM222HR2630	36
		2/0	3	Undyed	75	AM222HR2620	36
		0	3.5	Undyed	75	AM222HR2610	36
• RIBBED • RTT							

Premisut PGAR

● ½ Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HR 26 PRIME NEEDLE		4/0	1.5	Undyed	70	AMP228HR2640	36
		3/0	2	Undyed	75	AMP222HR2630	36
		2/0	3	Undyed	75	AMP222HR2620	36
		0	3.5	Undyed	75	AMP222HR2610	36
• RIBBED • RTT							
HR 30		3/0	2	Undyed	75	AM222HR3030	36
		2/0	3	Undyed	75	AM222HR3020	36
		0	3.5	Undyed	75	AM222HR3010	36
• RIBBED • RTT							
HR 30 PRIME NEEDLE		3/0	2	Undyed	75	AMP222HR3030	36
		2/0	3	Undyed	75	AMP222HR3020	36
		0	3.5	Undyed	75	AMP222HR3010	36
• RIBBED • RTT							
HR 36		2/0	3	Undyed	75	AM222HR3620	36
		2/0	3	Undyed	90	AM223HR3620	36
		0	3.5	Undyed	75	AM222HR3610	36
		0	3.5	Undyed	90	AM223HR3610	36
		1	4	Undyed	75	AM222HR3601	36
		1	4	Undyed	90	AM223HR3601	36
• RIBBED • RTT							
HR 36 PRIME NEEDLE		2/0	3	Undyed	75	AMP222HR3620	36
		2/0	3	Undyed	90	AMP223HR3620	36
		0	3.5	Undyed	75	AMP222HR3610	36
		0	3.5	Undyed	90	AMP223HR3610	36
		1	4	Undyed	75	AMP222HR3601	36
		1	4	Undyed	90	AMP223HR3601	36
• RIBBED • RTT							

Premisut PGAR

● ½ Circle Round bodied TAPERPOINT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HR 40		2/0	3	Undyed	75	AM222HR4020	36
		0	3.5	Undyed	75	AM222HR4010	36
		0	3.5	Undyed	90	AM223HR4010	36
		1	4	Undyed	90	AM223HR4001	36
		2	5	Undyed	90	AM223HR4002*	36
• RIBBED • RTT * NO RTT							
HR 40 PRIME NEEDLE		2/0	3	Undyed	75	AMP222HR4020	36
		0	3.5	Undyed	75	AMP222HR4010	36
		0	3.5	Undyed	90	AMP223HR4010	36
		1	4	Undyed	90	AMP223HR4001	36
		2	5	Undyed	90	AMP223HR4002*	36
• RIBBED • RTT * NO RTT							
HR 48		0	3.5	Undyed	90	AM223HR4810	36
		1	4	Undyed	90	AM223HR4801	36
		2	5	Undyed	90	AM223HR4802	36
• RIBBED							
HR 48 PRIME NEEDLE		0	3.5	Undyed	90	AMP223HR4810	36
		1	4	Undyed	90	AMP223HR4801	36
		2	5	Undyed	90	AMP223HR4802	36
• RIBBED							

Premisut PGAR

○ ½ Circle Round bodied Blunt Point 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HRN 36 PRIME NEEDLE		2/0	3	Undyed	90	AMP223HRN3620	36
• RIBBED • RTT							
HRN 40 PRIME NEEDLE		1	4	Undyed	90	AMP223HRN4001	36
• RIBBED • RTT							

▼ ½ Circle Round Bodied TAPERCUT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HRT 17		3/0	2	Undyed	70	AM228HRT1730	36
HRT 17 PRIME NEEDLE		3/0	2	Undyed	70	AMP228HRT1730	36

Premisut PGAR

 ½ Circle Round Bodied TAPERCUT 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HRT 26		3/0	2	Undyed	75	AM222HRT2630	36
		2/0	3	Undyed	75	AM222HRT2620	36
		0	3.5	Undyed	70	AM228HRT2610	36
HRT 26 PRIME NEEDLE		3/0	2	Undyed	75	AMP222HRT2630	36
		2/0	3	Undyed	75	AMP222HRT2620	36
		0	3.5	Undyed	70	AMP228HRT2610	36
HRT 36		2/0	3	Undyed	75	AM222HRT3620	36
		2/0	3	Undyed	90	AM223HRT3620	36
		0	3.5	Undyed	75	AM222HRT3610	36
		0	3.5	Undyed	90	AM223HRT3610	36
HRT 36 PRIME NEEDLE		2/0	3	Undyed	75	AMP222HRT3620	36
		2/0	3	Undyed	90	AMP223HRT3620	36
		0	3.5	Undyed	75	AMP222HRT3610	36
		0	3.5	Undyed	90	AMP223HRT3610	36
HRT 40		2/0	3	Undyed	90	AM223HRT4020	36
		1	4	Undyed	90	AM223HRT4001	36

Premisut PGAR

1/2 Circle Round Bodied TAPERCUT

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HRT 40 PRIME NEEDLE		2/0	3	Undyed	90	AMP223HRT4020	36
		1	4	Undyed	90	AMP223HRT4001	36
• RIBBED • RTT							
HRT 48		2	5	Undyed	90	AM223HRT4802	36
• RIBBED							
HRT 48 PRIME NEEDLE		2	5	Undyed	90	AMP223HRT4802	36
• RIBBED							

1/2 Circle Reverse Cutting

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HS 17		4/0	1.5	Undyed	45	AM221HS1740	36
		4/0	1.5	Undyed	75	AM222HS1740	36
		3/0	2	Undyed	45	AM221HS1730	36
		3/0	2	Undyed	75	AM222HS1730	36

Premisut PGAR

▼ ½ Circle Reverse Cutting 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HS 17 PRIME NEEDLE		4/0	1.5	Undyed	45	AMP221HS1740	36
		4/0	1.5	Undyed	75	AMP222HS1740	36
		3/0	2	Undyed	45	AMP221HS1730	36
		3/0	2	Undyed	75	AMP222HS1730	36
HS 22		3/0	2	Undyed	45	AMP221HS2230	36
		2/0	3	Undyed	45	AMP221HS2220	36
HS 22 PRIME NEEDLE		3/0	2	Undyed	45	AMP221HS2230	36
		2/0	3	Undyed	45	AMP221HS2220	36
HS 36		2/0	3	Undyed	90	AMP223HS3620	36
HS 36 PRIME NEEDLE		2/0	3	Undyed	90	AMP223HS3620	36

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▼ ½ Circle Reverse Cutting

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
HS 40		0	3.5	Undyed	90	AM223HS4010	36
		1	4	Undyed	90	AM223HS4001	36
• RIBBED • RTT							
HS 40 PRIME NEEDLE		0	3.5	Undyed	90	AMP223HS4010	36
		1	4	Undyed	90	AMP223HS4001	36
• RIBBED • RTT							

▼ ½ Circle Reverse Extra Cutting – Long cutting edge (plastic/cosmetic)

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
XHS 8 PRIME NEEDLE		4/0	1.5	Undyed	45	AMP221XHS840	36

▼ 3/8 Circle Reverse Cutting

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DS 12 PRIME NEEDLE		6/0	0.7	Undyed	75	AMP222DS1260	12
		5/0	1	Undyed	75	AMP222DS1250	36
		4/0	1.5	Undyed	75	AMP222DS1240	36

Premisut PGAR

▼ 3/8 Circle Reverse Cutting

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DS 16		5/0	1	Undyed	75	AM222DS1650	36
		4/0	1.5	Undyed	75	AM222DS1640	36
		3/0	2	Undyed	75	AM222DS1630	36
DS 16 PRIME NEEDLE		5/0	1	Undyed	75	AMP222DS1650	36
		4/0	1.5	Undyed	75	AMP222DS1640	36
		3/0	2	Undyed	75	AMP222DS1630	36
DS 19		5/0	1	Undyed	75	AM222DS1950*	36
		4/0	1.5	Undyed	75	AM222DS1940	36
		3/0	2	Undyed	75	AM222DS1930	36
• RIBBED • RTT * NON RIBBED							
DS 19 PRIME NEEDLE		5/0	1	Undyed	75	AMP222DS1950*	36
		4/0	1.5	Undyed	75	AMP222DS1940	36
		3/0	2	Undyed	75	AMP222DS1930	36
• RIBBED • RTT * NON RIBBED							
DS 19 fine needle PRIME NEEDLE		4/0	1.5	Undyed	45	AMP221DS1940FN	36
• RTT							

Premisut PGAR

▼ 3/8 Circle Reverse Cutting 

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DS 24		3/0	2	Undyed	45	AM221DS2430	36
		3/0	2	Undyed	75	AM222DS2430	36
		2/0	3	Undyed	75	AM222DS2420	36
		• RIBBED • RTT					
DS 24 PRIME NEEDLE		3/0	2	Undyed	45	AMP221DS2430	36
		3/0	2	Undyed	75	AMP222DS2430	36
		2/0	3	Undyed	75	AMP222DS2420	36
		• RIBBED • RTT					
DS 26		3/0	2	Undyed	75	AM222DS2630	36
		2/0	3	Undyed	75	AM222DS2620	36
		• RIBBED • RTT					
DS 26 PRIME NEEDLE		3/0	2	Undyed	75	AMP222DS2630	36
		2/0	3	Undyed	75	AMP222DS2620	36
		• RIBBED • RTT					
DS 30		2/0	3	Undyed	75	AM222DS3020	36
		0	3.5	Undyed	90	AM223DS3010	36
• RIBBED • RTT							

Premisut PGAR

▼ 3/8 Circle Reverse Cutting

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DS 30 PRIME NEEDLE		2/0	3	Undyed	75	AMP222DS3020	36
		0	3.5	Undyed	90	AMP223DS3010	36
DS 37		2/0	3	Undyed	75	AM222DS3720	36
		0	3.5	Undyed	75	AM222DS3710	36
		1	4	Undyed	75	AM222DS3701	36
DS 37 PRIME NEEDLE		2/0	3	Undyed	75	AMP222DS3720	36
		0	3.5	Undyed	75	AMP222DS3710	36
		1	4	Undyed	75	AMP222DS3701	36

▼ 3/8 Circle Reverse Cutting – Long cutting edge (Extra Cutting/cosmetic)

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
XDS 11 PRIME NEEDLE		6/0	0.7	Undyed	45	AMP221XDS1160	12
		5/0	1	Undyed	45	AMP221XDS1150	36

Premisut PGAR

▼ 3/8 Circle Reverse Cutting – Long cutting edge (Extra Cutting/cosmetic)

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
XDS 13 PRIME NEEDLE		5/0	1	Undyed	45	AMP221XDS1350	36
		4/0	1.5	Undyed	45	AMP221XDS1340	36
XDS 19 PRIME NEEDLE		4/0	1.5	Undyed	75	AMP222XDS1940	36
		3/0	2	Undyed	45	AMP221XDS1930	36
		3/0	2	Undyed	75	AMP222XDS1930	36
• RTT							
XDS 19 fine needle PRIME NEEDLE		4/0	1.5	Undyed	45	AMP221XDS1940FN	36
• RTT							
XDS 24 PRIME NEEDLE		3/0	2	Undyed	45	AMP221XDS2430	36
		3/0	2	Undyed	70	AMP228XDS2430	36
		2/0	3	Undyed	70	AMP228XDS2420	36
• RTT							

▲ 3/8 Circle Conventional Extra Cutting – Long cutting edge (Extra Cutting/cosmetic)

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
XNS 16 PRIME NEEDLE		4/0	1.5	Undyed	70	AMP228XNS1640	36
		3/0	2	Undyed	75	AMP222XNS1630	36

Premisut PGAR

● 3/8 Circle Round bodied TAPERPOINT

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DR 20		3/0	2	Undyed	75	AM222DR2030	36
• RIBBED • RTT							

▼ 3/8 Circle Round Bodied TAPERCUT

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
DRT 16 PRIME NEEDLE		3/0	2	Undyed	75	AMP222DRT1630	36

▲ Straight Cutting

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
GS 48 PRIME NEEDLE		3/0	2	Undyed	75	AMP222GS4830	36
		2/0	3	Undyed	75	AMP222GS4820	36
		• RIBBED					
GS 60		3/0	2	Undyed	75	AM222GS6030	36

Premisut PGAR

▲ Straight Cutting

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
GS 60 PRIME NEEDLE		3/0	2	Undyed	75	AMP222GS6030	36

● Straight needle Round bodied TAPERPOINT

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
GR 19 PRIME NEEDLE • RIBBED		4/0	1.5	Undyed	70	AMP228GR1940	36

Without needle

NEEDLE LENGTH MM		USP	EP	COLOUR	THREAD LENGTH CM	ATLAS REF	PCS/BOX
without needle 150cm		3/0	2	Undyed	150	AM22-15030	36
		2/0	3	Undyed	150	AM22-15020	36
		0	3.5	Undyed	150	AM22-15010	36
		1	4	Undyed	150	AM22-15001	36
		2	5	Undyed	150	AM22-15002	36
without needle 3x45cm		4/0	1.5	Undyed	3 x 45	AM22-3.4540	36
		3/0	2	Undyed	3 x 45	AM22-3.4530	36
		2/0	3	Undyed	3 x 45	AM22-3.4520	36
		0	3.5	Undyed	3 x 45	AM22-3.4510	36
		1	4	Undyed	3 x 45	AM22-3.4501	36