Atramat®

Innovation Through Experience

Surgical Sutures Catalogue for Dental and Maxillofacial Surgery

Atramat
Innovation Through Experience

Dental and Maxillofacial Surgery

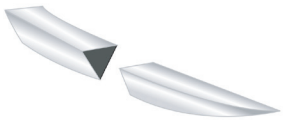
Atramat® surgical sutures allow dental and maxillofacial surgeons to obtain the best results for their patients. Our wide portfolio consists of absorbable and non-absorbable sutures, including synthetic materials that reduce the immune responsive, as well as bone wax.

Surgical procedures

- Dental implants
- Dental prostheses
- Maxillary sinus lify
- Periodontal surgery
- Gingival aesthetics
- Gingival graft
- Bone grafts
- Removal of pathological processes
- Apicoectomies
- Third molar surgery
- Frenectomies
- Pediatric dentistry

Needles

Reverse Cutting



Point

Cutting pattern

A cutting needle characterized by its triangular cutting pattern with the cutting edge on the outside part of the curved needle body.

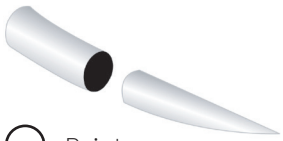
Supra-Sharp Reverse Cutting

Point

Cutting pattern

A cutting needle characterized by its triangular shaped cutting pattern with the cutting edge on the outside part of the curved needle body. Tapered vertices provide improved penetration.

Taper Point



Point

Cutting pattern

A taper point needle designed for minimal tissue trauma and to allow easy penetration into soft tissue. The cylindrical body is especially flattened to allow for greater control in the needle holder.

Atraglide Cutting

Point

Cutting pattern

This needle is an evolution in geometric design. It has four cutting edges, micro sharpened with a modified diamond shaped tip. As we move towards the body of the needle these cutting edges expand outwards and become wider to maximize penetration.

For orders call **+386(0)820 53544**, send an email at **narocila@medimpeks.si** or visit **www.medimpeks.si**

ABSORBABLE SUTURES

Atramat® PGA
Polyglycolic acid

Absorbable

Braided

Material: Composed of homopolymer filaments of glycolic acid
Coating: Polycaprolactone and calcium stearate
Absorption: Hydrolysis
Thread color: Violet or undyed

Tensile strenght: 70% after two week and 50% after three weeks

Total absorption 60 - 90 days

Characteristics:
- **Minimal inflammatory reaction in tissue**
- **Excellent knot safety**
- **Superior handling**
- **The violet color provides excellent visibility in the surgical field**

Atramat® PGA RAPID
Polyglycolic acid quick absorption

Absorbable

Braided

Material: Composed of low molecular weight homopolymer filaments of glycolic acid
Coating: Polycaprolactone and calcium stearate
Absorption: Hydrolysis
Thread color: Undyed

Tensile strenght: 50% after one week

Total absorption 42 days

Characteristics:
- **Minimal inflammatory reaction in tissue**
- **Excellent knot safety**
- **Superior handling**

Atramat® PGC25
Poly(Glycolide-co-epsilon-caprolactone)

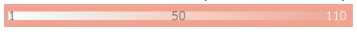
Absorbable

Monofilament

Material: Composed of composed of copolymer of glycolide and caprolactone [poly(glycolide-co-epsilon-caprolactone)]
Coating: Polycaprolactone and calcium stearate
Absorption: Hydrolysis
Thread color: Violet or undyed

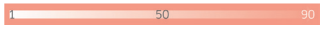
Tensile strenght Violet: 68% after one week and 41% after twe week

Violet: Total absorption 110 days



Tensile strenght undyed: 79% after one week and 40% after twe week

Undyed: Total absorption 90 days



Characteristics:
- **Minimal inflammatory reaction in tissue**
- **Excellent knot safety**
- **Superior handling**
- **The violet color provides excellent visibility in the surgical field**

NON ABSORBABLE SUTURES

Atramat® Silk

Non-absorbable

Braided

Material: Fibroin (organic protein derived from the bombyx mori silkworm)
Coating: Silicone
Thread color: Black

Characteristics:
- **State-of-the-art manufacturing process ensures compact braiding and high tensile strenght**
- **Superior handling**
- **Excellent knot security**

Atramat® Nylon

Non-absorbable

Monofilament

Material: 6 or 6.6 aliphatic polyamide
Gradual loss of tensile strength over time
Thread color: Black

Characteristics:
- **Minimal tissue reaction, excellent quality raw material**
- **The thread passes smoothly through tissue with minimal tissue drag**
- **The monofilament design means stitches can be removed easily without dragging microorganisms**

Atramat® Polyester

Non-absorbable

Braided

Material: Polyester fibers prepared from terephthalic acid or its esters and ethylene glycol
Coating: Silicone, teflon
Thread color: Green

Characteristics:
- **Ideal as a permanent support without loss of tensile strength**
- **Excellent knot coupling knot security**
- **Biocompatibility, softness, and minimal tissue drag**

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NEEDLE-THREAD COMBINATIONS

PGA

PACKAGE 12 PIECES

CODE	USP	THREAD LENGTH	COLOUR	NEEDLE	NEEDLE LENGTH	CIRCLE
PE1993-45B	3-0	45 cm	UNDYED	PREMIUM REVERSE CUTTING	19	3/8 CIRCLE
PE1994-45B	4-0	45 cm	UNDYED	PREMIUM REVERSE CUTTING	19	3/8 CIRCLE
PE1994	4-0	70 cm	VIOLET	PREMIUM REVERSE CUTTING	19	3/8 CIRCLE
CE1695-75B	5-0	75 cm	UNDYED	REVERSE CUTTING	16	3/8 CIRCLE
CE1995-75	5-0	75 cm	VIOLET	REVERSE CUTTING	19	3/8 CIRCLE
PE1396-45B	6-0	45 cm	UNDYED	PREMIUM REVERSE CUTTING	13	3/8 CIRCLE
SR1794-75	4-0	75 cm	VIOLET	PREMIUM REGULAR TAPER POINT	17	1/2 CIRCLE
SR2094-75	4-0	75 cm	VIOLET	PREMIUM REGULAR TAPER POINT	20	1/2 CIRCLE
SR1795-75	5-0	75 cm	VIOLET	PREMIUM REGULAR TAPER POINT	17	1/2 CIRCLE
F1396	6-0	70 cm	VIOLET	FINE TAPER POINT	13	1/2 CIRCLE

PGA-RAPID

PACKAGE 12 PIECES

CODE	USP	THREAD LENGTH	COLOUR	NEEDLE	NEEDLE LENGTH	CIRCLE
PE1983-75B	3-0	75 cm	UNDYED	PREMIUM REVERSE CUTTING	19	3/8 CIRCLE
PE1684-75B	4-0	75 cm	UNDYED	PEEMIUM REVERSE CUTTING	16	3/8 CIRCLE
PE1984-45B	4-0	45 cm	UNDYED	PEEMIUM REVERSE CUTTING	19	3/8 CIRCLE
PE1984-75B	4-0	75 cm	UNDYED	PEEMIUM REVERSE CUTTING	19	3/8 CIRCLE
P-PE1984-75B	4-0	75 cm	UNDYED	SUPRA SHARP REVERSE CUTTING	19	3/8 CIRCLE
P-PE1185-45B	5-0	45 cm	UNDYED	SUPRA SHARP REVERSE CUTTING	11	3/8 CIRCLE
PE1685-75B	5-0	75 cm	UNDYED	PREMIUM REVERSE CUTTING	16	3/8 CIRCLE
PE1985-45B	5-0	45 cm	UNDYED	PREMIUM REVERSE CUTTING	19	3/8 CIRCLE
PE1985-75B	5-0	75 cm	UNDYED	PREMIUM REVERSE CUTTING	19	3/8 CIRCLE
SR1784-75B	4-0	75 cm	UNDYED	PREMIUM REGULAR TAPER POINT	17	1/2 CIRCLE
SR2084-75B	4-0	75 cm	UNDYED	PREMIUM REGULAR TAPER POINT	20	1/2 CIRCLE
SR1785-75B	5-0	75 cm	UNDYED	PREMIUM REGULAR TAPER POINT	17	1/2 CIRCLE

NEEDLE-THREAD COMBINATIONS

PGC25

PACKAGE 12 PIECES

CODE	USP	THREAD LENGTH	COLOUR	NEEDLE	NEEDLE LENGTH	CIRCLE
PE1904-45	4-0	45 cm	VIOLET	PREMIUM REVERSE CUTTING	19	3/8 CIRCLE
PE1904	4-0	70 cm	VIOLET	PREMIUM REVERSE CUTTING	19	3/8 CIRCLE
PE1305-45	5-0	45 cm	VIOLET	PREMIUM REVERSE CUTTING	13	3/8 CIRCLE
HPE1605-45B	5-0	45 cm	UNDYED	ATRAGLIDE CUTTING	16	3/8 CIRCLE
PE1905-45	5-0	45 cm	VIOLET	PREMIUM REVERSE CUTTING	19	3/8 CIRCLE
PE1905	5-0	70 cm	VIOLET	PREMIUM REVERSE CUTTING	19	3/8 CIRCLE
PE1306-45	6-0	45 cm	VIOLET	PREMIUM REVERSE CUTTING	13	3/8 CIRCLE
SR1704	4-0	70 cm	VIOLET	PREMIUM REGULAR TAPER POINT	17	1/2 CIRCLE
SR1705	5-0	70 cm	VIOLET	PREMIUM REGULAR TAPER POINT	17	1/2 CIRCLE

SILK

PACKAGE 12 PIECES

CODE	USP	THREAD LENGTH	COLOUR	NEEDLE	NEEDLE LENGTH	CIRCLE
CE1933-45	3-0	45 cm	BLACK	PREMIUM REVERSE CUTTING	19	3/8 CIRCLE
PE1934-45	4-0	45 cm	BLACK	PREMIUM REVERSE CUTTING	19	3/8 CIRCLE
PE1935-45	5-0	45 cm	BLACK	PREMIUM REVERSE CUTTING	19	3/8 CIRCLE
R2033	3-0	75 cm	BLACK	TAPER POINT	20	1/2 CIRCLE
R2034	4-0	75 cm	BLACK	TAPER POINT	20	1/2 CIRCLE
R2035	5-0	75 cm	BLACK	TAPER POINT	20	1/2 CIRCLE
R2632	2-0	75 cm	BLACK	TAPER POINT	26	1/2 CIRCLE
R2633	3-0	75 cm	BLACK	TAPER POINT	26	1/2 CIRCLE

POLYESTER

PACKAGE 12 PIECES

CODE	USP	THREAD LENGTH	COLOUR	NEEDLE	NEEDLE LENGTH	CIRCLE
PE1954	4-0	75 cm	GREEN	PREMIUM REVERSE CUTTING	19	3/8 CIRCLE

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NEEDLE-THREAD COMBINATIONS

NYLON

PACKAGE 12 PIECES

CODE	USP	THREAD LENGTH	COLOUR	NEEDLE	NEEDLE LENGTH	CIRCLE
PE1943-N	3-0	45 cm	BLACK	PREMIUM REVERSE CUTTING	19	3/8 CIRCLE
P-PE1943-N	3-0	45 cm	BLACK	SUPRA SHARP REVERSE CUTTING	19	3/8 CIRCLE
CE1644-N	4-0	45 cm	BLACK	REVERSE CUTTING	16	3/8 CIRCLE
CE1644-75	4-0	75 cm	BLACK	REVERSE CUTTING	16	3/8 CIRCLE
CE1944-N	4-0	45 cm	BLACK	REVERSE CUTTING	19	3/8 CIRCLE
CE1944-75N	4-0	75 cm	BLACK	REVERSE CUTTING	19	3/8 CIRCLE
P-PE1944-N	4-0	45 cm	BLACK	SUPRA SHARP REVERSE CUTTING	19	3/8 CIRCLE
CE1645-N	5-0	45 cm	BLACK	REVERSE CUTTING	16	3/8 CIRCLE
CE1645-75N	5-0	75 cm	BLACK	REVERSE CUTTING	16	3/8 CIRCLE
P-PE1645-N	5-0	45 cm	BLACK	SUPRA SHARP REVERSE CUTTING	16	3/8 CIRCLE
CE1945-N	5-0	45 cm	BLACK	REVERSE CUTTING	19	3/8 CIRCLE
CE1945-75N	5-0	75 cm	BLACK	REVERSE CUTTING	19	3/8 CIRCLE
P-PE1146-N	6-0	45 cm	BLACK	SUPRA SHARP REVERSE CUTTING	11	3/8 CIRCLE
CE1246-N	6-0	45 cm	BLACK	REVERSE CUTTING	12	3/8 CIRCLE
CE1646-N	6-0	45 cm	BLACK	REVERSE CUTTING	19	3/8 CIRCLE

BONEWAX

PACKAGE 12 PIECES

CODE	DESCRIPTION
CH-2.5	USED TO CONTROL BLEENDING OF BONE SURFACE

Distributed by

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