



Back to Home

INSTRUCTION FOR USE

MADACRYL

Polyglactin 910

Absorbable Surgical Suture USP (Synthetic)

Sterile Surgical Needled Suture

MADACRYL is a sterile, synthetic, absorbable, braided surgical suture composed of Polyglactin 910, a copolymer of glycolide and lactide.

MADACRYL is designed to provide temporary wound support during the healing period and is gradually absorbed by the body through hydrolysis.

The suture is supplied sterile with an attached surgical needle. **MADACRYL** is available in different USP sizes with a 75 cm suture length and 3/8 circle reverse-cutting needles in various needle lengths.

COMPOSITION

- Polyglactin 910 – synthetic absorbable copolymer of glycolide and lactide
- Attached surgical-grade stainless-steel needle

INTENDED USE

MADACRYL is intended for use in general soft-tissue approximation and/or ligation, including dental and oral surgical procedures, where the use of an absorbable synthetic surgical suture is clinically indicated.

INDICATIONS

- MADACRYL** may be used for soft-tissue approximation and/or ligation in procedures including:
- Dental and oral surgical procedures.
- Closure of extraction and surgical sites.
- Periodontal surgical procedures.
- Oral soft-tissue approximation.
- Other surgical procedures where temporary wound support with an absorbable suture is clinically appropriate.

Selection of the appropriate suture size, needle size, and suturing technique should be determined by the healthcare professional according to the tissue characteristics, wound condition, required duration of wound support, and clinical procedure.

INSTRUCTIONS FOR USE

- Select the appropriate **MADACRYL** suture size and needle configuration for the intended procedure.
- Inspect the sterile package before use. Do not use if the package is opened, damaged, wet, or otherwise compromised.
- Open the sterile package using appropriate aseptic technique.
- Remove the suture carefully, avoiding unnecessary handling, kinking, crushing, or damage.
- Grasp the needle with an appropriate needle holder. Avoid grasping the needle near its point or the suture attachment area.
- Approximate the tissue using an appropriate surgical suturing technique.



- Apply sufficient tension to achieve secure tissue approximation without excessive tightening, strangulation, or damage to the tissue.
- Secure the suture using an appropriate surgical knot technique. Additional throws may be used as clinically required for braided synthetic sutures.
- Trim the suture ends as clinically appropriate.
- Dispose of the used needle immediately in an approved sharps container.
- Monitor the surgical site according to standard postoperative clinical practice.

As **MADACRYL is absorbable, routine suture removal is generally not required. However, exposed or residual suture material may be removed when clinically indicated.**

WARNINGS

- MADACRYL** should be used only by qualified healthcare professionals familiar with surgical suturing techniques and absorbable sutures.
- Do not reuse or resterilize. Reuse may result in contamination, infection, loss of sterility, or compromised product performance.
- Do not use if the sterile package has been opened or damaged.
- MADACRYL** is absorbable and should not be used where prolonged or permanent tissue approximation under tension is required.
- Care should be taken to avoid excessive suture tension, which may result in tissue damage, ischemia, or wound complications.
- Surgical needles may cause accidental needlestick injuries. Handle and dispose of needles using appropriate sharps precautions.
- Avoid crushing, bending, or otherwise damaging the suture or surgical needle during handling.
- The healthcare professional should consider the performance characteristics of absorbable sutures when selecting **MADACRYL** for tissues that heal slowly or require extended mechanical support.

PRECAUTIONS

- Use appropriate aseptic technique throughout the procedure.
- Select the appropriate suture diameter and needle configuration for the tissue and surgical procedure.
- Avoid unnecessary manipulation of the suture.
- Avoid crushing or flattening the suture with forceps or needle holders.
- Grasp the surgical needle appropriately to minimize bending or breakage.
- Exercise appropriate clinical judgment when using the suture in contaminated or infected wounds.
- Ensure that knots are adequately secured according to accepted surgical technique.
- Monitor the wound for signs of infection, inflammation, dehiscence, or other adverse reactions.



CONTRAINDICATIONS

MADACRYL should not be used:

- In patients with a known allergy or hypersensitivity to Polyglactin 910 or any other component of the product.
 - Where prolonged or permanent tissue approximation is required.
 - Where the use of an absorbable braided suture is considered clinically inappropriate.
 - In procedures requiring mechanical wound support beyond the expected functional period of the suture.
 - Performance and Absorption
- #### POSSIBLE ADVERSE EFFECTS
- Transient local tissue irritation or inflammatory reaction.
 - Infection.
 - Wound dehiscence.
 - Granuloma or foreign-body reaction.
 - Suture extrusion.
 - Delayed wound healing.
 - Hypersensitivity or allergic reaction.
 - Tissue injury associated with excessive suture tension.
 - Needle-related injury.

Appropriate clinical management should be provided if an adverse reaction occurs.

STERILITY

- MADACRYL** is supplied sterile in an individual sterile barrier system.
- STERILE – SINGLE USE ONLY**
- Do not reuse. Do not resterilize.
- Do not use if the sterile barrier system has been opened, damaged, or otherwise compromised.

STORAGE

- Store in a clean, cool, and dry place.
- Protect from moisture.
- Protect from direct sunlight and excessive heat.
- Keep in the original packaging until immediately before use.
- Do not use after the expiry date indicated on the packaging.

SHELF LIFE

Refer to the expiry date indicated on the product packaging.

PRESENTATION

MADACRYL – Polyglactin 910 Absorbable Surgical Suture USP (Synthetic)

Common specifications: Suture length 75 cm | Needle 3/8 Circle, Reverse Cutting | 12 sterile sutures/pack

REF	USP	Metric	Needle
10D75CX19	1-0	4	19 mm
10D75CX24	1-0	4	24 mm
10E75CX19	2-0	3	19 mm
10E75CX24	2-0	3	24 mm
10F75CX19	3-0	2	19 mm
10F75CX24	3-0	2	24 mm
10G75CX19	4-0	1.5	19 mm



10G75CX24	4-0	1.5	24 mm
10H75CX19	5-0	1	19 mm
10H75CX24	5-0	1	24 mm
10I75CX13	6-0	0.7	13 mm
10I75CX19	6-0	0.7	19 mm
10I75CX24	6-0	0.7	24 mm

Pack: 12 individually packed sterile surgical needled sutures.

DISPOSAL

Immediately dispose of used surgical needles in an approved sharps container.

Dispose in accordance with applicable healthcare waste regulations and local requirements in the country of use.

CONTACT

Prevalent Healthcare LLP, Poongode Road, Karutheni, Malappuram, Kerala - 679339, India.
Ph.: +91 4931257954 Email: info@prevalentonline.com
www.prevalentonline.com

Failure to comply with the specified storage conditions may alter the working characteristics of the material and reduce its shelf life.

The manufacturer is not responsible for any loss of quality resulting from non-compliance with the specified conditions for transportation, storage, and use of this product. The user assumes full responsibility for using the material for any purposes other than those specified by the manufacturer. This material is intended solely for professional dental use. Application must be carried out strictly according to the instructions for use. The manufacturer accepts no liability for damages resulting from failure to follow the provided instructions or for use beyond the stipulated applications. The user is responsible for assessing the material's suitability for any purpose not explicitly stated in this instruction sheet. The descriptions and data provided do not constitute a warranty of attributes and are not legally binding.

This product is specially formulated for use in dentistry and to be used by qualified dental personnel

Symbol for "TEMPERATURE LIMITATION"

Symbol for "KEEP OUT OF THE REACH OF CHILDREN"

Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"

Symbol for "KEEP AWAY FROM SUNLIGHT"

Symbol for "MANUFACTURER NAME & ADDRESS"

Symbol for "CONSULT INSTRUCTION FOR USE"

Symbol for "CATALOGUE NUMBER"

Symbol for "MEDICAL DEVICE" Symbol for "KEEP DRY"

Symbol for "DO NOT RSTERILE"

Symbol for "BATCH CODE" Symbol for "CAUTION"

Symbol for "STERILIZED USING ETHYLENE OXIDE"

Symbol for "USE BY"

Document No	PL-IFU-040
Revision	02
Date	11-12-2025