



Instruction for Use

1. Open the protective packaging and introduce the syringe into the operating field, following normal aseptic techniques used in the surgical theatre.
2. Remove the protective cap on the tip of the syringe and connect the syringe luer-lock to the delivery cannula that is provided in the same package.
3. After hysteroscopic surgery or other intrauterine procedures, insert the delivery cannula to the bottom of uterine cavity and then slowly instill enough MateRegen® Gel to fill the whole intrauterine cavity by pushing the plunger.
4. To avoid washing out of gel product, do not irrigate the uterine cavity after gel application unless under the discretion of the physicians.

MateRegen® Gel

Crosslinked hyaluronan gel for anti-intrauterine adhesion

Order information

Item #	Description	Quantity
40-008-001	MateRegen® Gel	1 syringes/box
40-008-002	MateRegen® Gel	2 syringes/box 5cc/syringe

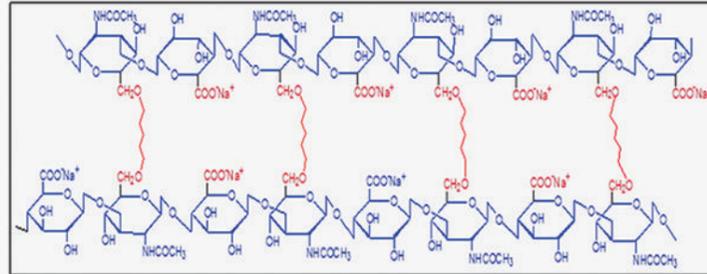
- ★ Prevent intrauterine adhesion
- ★ Facilitate endometrium regeneration
- ★ Control minimal bleeding after surgery
- ★ Optimized viscosity and controlled degradation

We Care, We Respect The Greatest Motherhood!

BioRegen Biomedical CO., Ltd.
A Sino-USA Company

MateRegen® Gel

Novel and unique crosslinking technology



Multiple functions

- Prevents adhesion and scarring
- Minimizes bleeding and edema
- Facilitates re-mucosalization acting as an adjunct
- Eliminates post-op removal due to its bioresorption
- Avoids secondary damage to the mucous
- Conforms to the uterine cavity without dead space

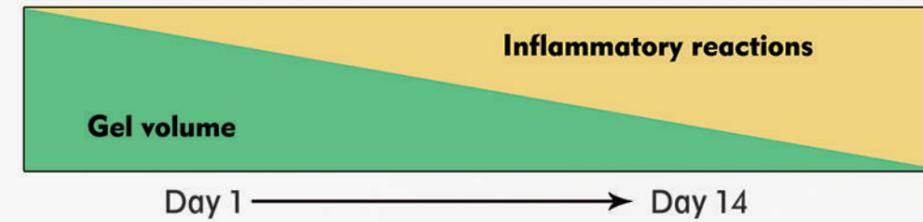


MateRegen® Gel : unique features



- ★ Proprietary crosslinking technique: no toxic residual and xenogenic proteins, excellent biocompatibility, reduced inflammatory reaction
- ★ Gentle material modification method: preserved biological function of natural hyaluronan
- ★ Adequate viscosity and hydrophilic property: Creation of moist environment facilitating re-mucosalization, moderate expansion upon implantation could stop minor bleeding
- ★ Controlled degradation profile: physical barrier during the mucous regeneration critical period to prevent adhesion and scar formation
- ★ Terminal sterilization: maximized safety after application
- ★ Dissolvable: avoid secondary damage to the regenerated tissue
- ★ Easy to use: no mixing required, flexible delivery cannula to facilitate application

Optimized and controlled degradation of the Gel
Ensure complete coverage and protection to the endometrium

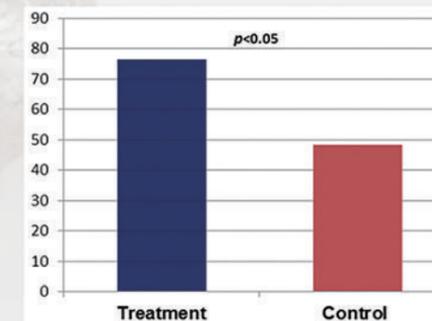


MateRegen® Gel degrades and is removed from the uterine cavity up to 14 days

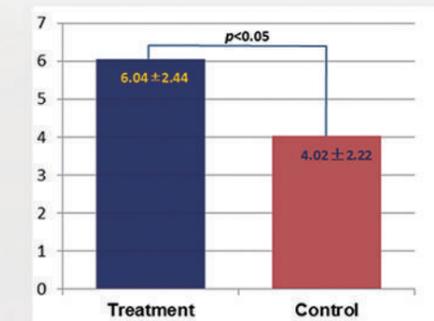
- ★ Cover mucous during the critical healing period
- ★ Matches the inflammatory reaction processes

1. Watelet JB, et al: Wound healing of the nasal and paranasal mucosa: A review. Am. J. Rhinol. 16:77-84, 2002.
2. Salamonsen LA: Tissue injury and repair in the female human reproductive tract. Reproduction 125:301-311, 2003.

Proven efficacy of MateRegen® Gel*



Effective rate %



Reduced AFS Score

- ★ Prospective, randomized, controlled multiple center clinical studies (Level I) were demonstrated that application of MateRegen® Gel resulted in significantly fewer adhesion, reduced the severity of adhesion and improved the menopausal pattern.
- ★ MateRegen® Gel was also used for patients after miscarriage, resection of myoma, and other intrauterine procedures. It is confirmed that MateRegen® Gel is able to significantly reduce postoperative intrauterine adhesion.
- ★ Xiao S., et al. Prevention of intrauterine adhesion with auto-crosslinked hyaluronic acid gel: a prospective, randomized, controlled clinical study. Chin J Obstet Gynecol, 2015, 50:1-6.