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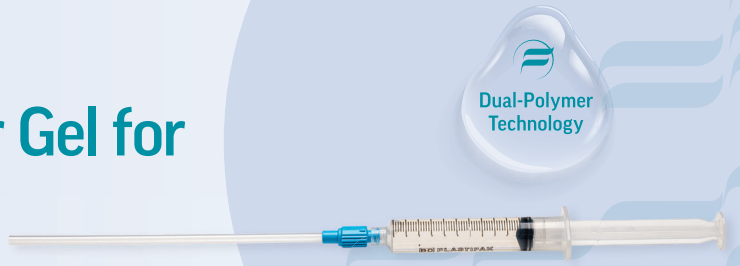
Oxiplex/IU® Adhesion Barrier Gel for Intrauterine Surgery



A proven approach to preserving surgical excellence

Even with the best procedural technique, postoperative adhesions can form between uterine tissues, leading to complications ranging from pain and menstrual cycle abnormalities to infertility or inability to carry pregnancy to term. Oxiplex/IU Adhesion Barrier Gel provides a temporary, protective separation of tissues adjacent to the surgical site during the body's natural healing process, reducing the formation of adhesions that can cause postoperative pain and other complications.

Reduced infertility risk

In randomized clinical studies[1,2] patients treated with Oxiplex/IU demonstrated:

- Fewer de novo adhesions.
- Fewer moderate to severe adhesions.
- Improved patency of the Fallopian tube and uterine ostia.
- Improved fertility rates.

Safe and effective

- Fziomed adhesion barrier gel products have been proven safe and effective in more than 20 years of clinical use worldwide.
- Supported by numerous published clinical studies.
- Contains no pharmaceutical agents or materials of human, animal, or bacterial origin.

Easy to use

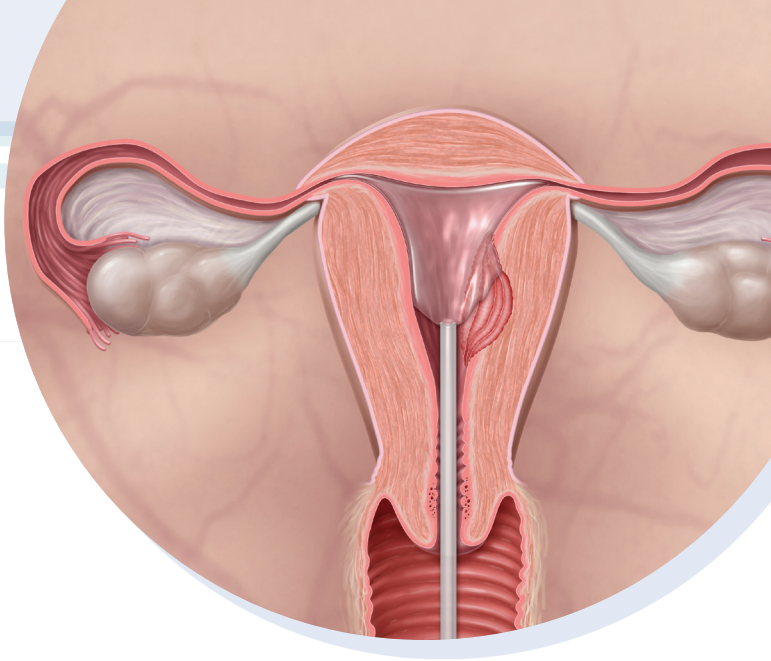
- Sterile and ready to use – requires no mixing and no special handling or storage.
- Prepackaged, smooth, rounded tip applicator allows safe insertion and ease of application.
- Clear, absorbable gel maintains operative site visibility.

Patented technology

- Unique, dual-polymer formula offers advantages that go beyond hyaluronic acid (HA)-based products and other gel, film, and sheet technologies.

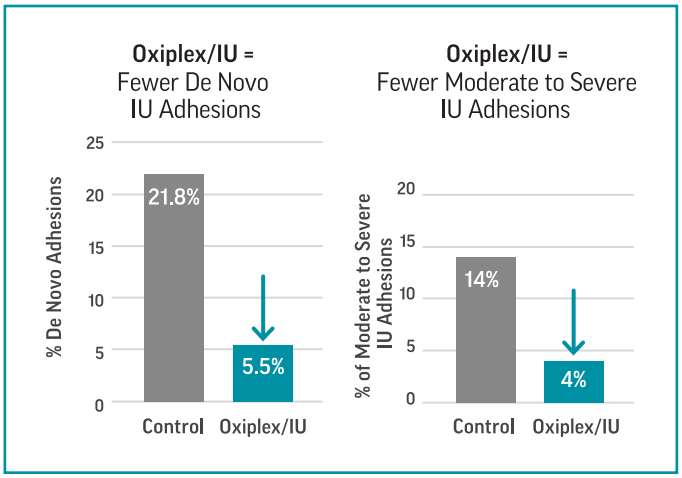
Clinically demonstrated to improve patient outcomes

Learn more at fziomed.com



Improved outcomes

In a randomized clinical study, patients treated with Oxiplex/IU Adhesion Barrier Gel demonstrated fewer de novo adhesions and improved patency of the Fallopian tube and uterine ostia.[1] A second clinical study showed patients treated with Oxiplex/IU Adhesion Barrier Gel had fewer moderate to severe adhesions and an improved fertility rate.[2]



Unique dual-polymer technology

Our patented combination of two safe and extensively studied synthetic polymers – carboxymethylcellulose (CMC) and polyethylene oxide (PEO) – offers functional advantages over other standard technologies.

- **Tissue adherence:** The CMC in our gel allows for exceptional adherence to tissues in a variety of anatomical environments. Oxiplex/IU gel is designed to stay in place, protecting the surgical site throughout the period of adhesion formation.[3]
- **Adhesion reduction:** The PEO in our gel provides a unique protective function that disrupts fibrin-building protein attachment, preventing fibrin bridge (adhesion) formation. This can also reduce the painful effects of inflammatory cytokines during the healing process.[3]
- **Absorbable:** Oxiplex/IU gel is naturally absorbed over time, remaining at the site of application for up to 30 days.

Optimized for intrauterine procedures

Oxiplex/IU gel is designed for use in a wide variety of intrauterine surgeries, including:

- Dilation and curettage
- Myomectomy
- Adhesiolysis
- Polypectomy
- Uterine septum resection

References

1. Di Spiezio Sardo et al. Efficacy of a polyethylene oxide-sodium carboxymethylcellulose gel in prevention of uterine adhesions after hysteroscopic surgery. JMIG.2011.Apr; 18(4):462-9
2. Fuchs N, Smorgick N, et al. Oxiplex/AP Gel for preventing intrauterine adhesions after operative hysteroscopy for suspected retained products of conception: double-blind, prospective, randomized pilot study. JMIG.2013.July;21(1):126-130.
3. DSouza AA, Amiji MM. Dual-Polymer Carboxymethyl Cellulose and Poly(Ethylene Oxide)-Based Gels for the Prevention of Postsurgical Adhesions, Journal of Biomedical Materials Research Mater Res A. 2025 Jan,113(1):e37852.

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