

CLINICAL EXPERIENCE

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Comparison of clinical application between Singclean and dexamethasone in preventing pelvic adhesions after gynecological laparoscopic surgery

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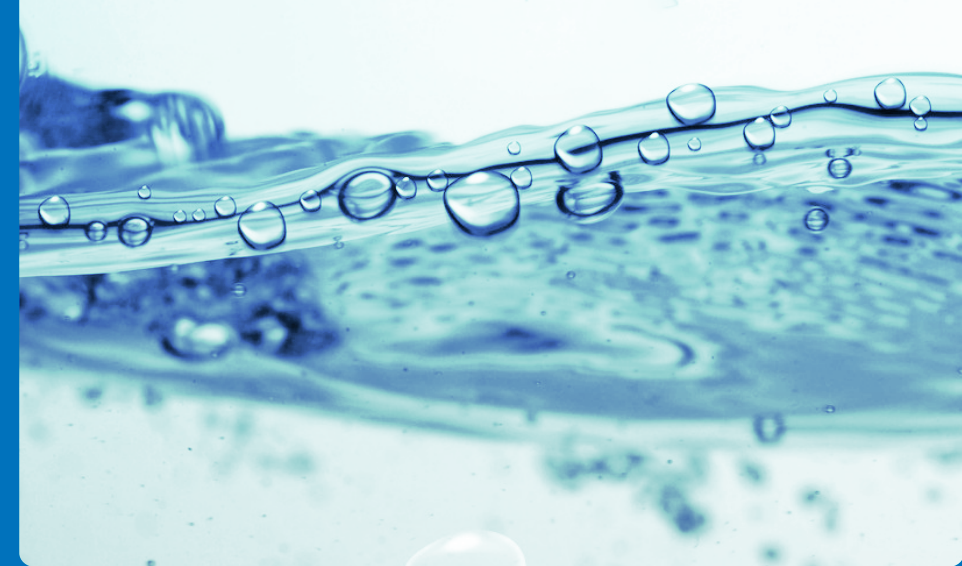
China Practical Medicine, July 2010, Vol. 5, No. 20

[Abstract] Objective Comparative studying the clinical efficacy of Singclean and dexamethasone for preventing pelvic adhesions after gynecologic laparoscopic surgery. Methods 124 cases of gynecologic laparoscopic surgery were randomly divided into 3 groups: Singclean group, dexamethasone group and control group. Peristaltic sound recovery time, ventilation defecation time, and postoperative hospital days were observed in patients during hospitalization. The recovery of patients were monitored using telephone interview from 1 month to 1 year after discharge from hospital. Results Singclean group of postoperative recovery were superior to dexamethasone group and control group ($P < 0.05$) during hospitalization; a sense of abdominal bulge, lumbosacral pain, encapsulated fluid and disease recurrence of disease of Singclean group patients were significantly superior to dexamethasone group and control group ($P < 0.01$) one year after surgery through telephone interview. Conclusion Singclean compared with dexamethasone can better prevent the occurrence of pelvic adhesions after laparoscopic surgery, it is worth in the popularization and application of gynecologic laparoscopic surgery.

[Key words] Singclean; Dexamethasone; Laparoscopic; Pelvic adhesions

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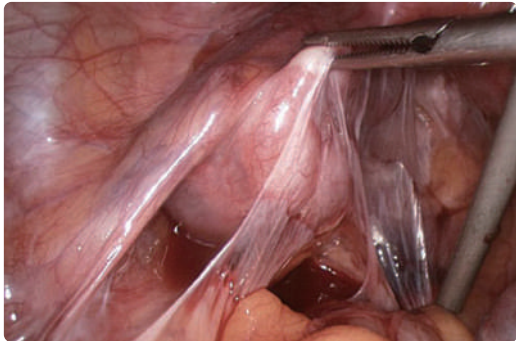
SINGCLEAN® ANTI-ADHESION Gel to Prevent or Reduce Abdomino-Pelvic Area Post-Surgical Adhesions

What is adhesion?

ADHESIONS are the most frequent postoperative complication of open and laparoscopic surgery. Most women develop adhesions after major gynecological surgery and some will develop clinical consequences such as bowel obstruction, infertility, chronic pelvic pain, and intraoperative complications.



INTRAUTERINE ADHESIONS are bands of scar tissue that form between the inner walls of the uterus, resulting from trauma to the uterus. Any surgical intervention of the uterine cavity can potentially create adhesions.



Adhesions can occur even when surgeons use the best techniques, but using mechanical barriers to separate traumatized tissues during the healing period can reduce postoperative adhesions.

SINGCLEAN® ANTI-ADHESION GEL

is a sterile, colorless transparent and highly viscous gel that forms a barrier to prevent or reduce post-surgical adhesions in the abdomino-pelvic area. Hyaluronic acid (HA) is a main component of the connective tissue in the human body.



Application

SINGCLEAN® ANTI-ADHESION GEL is widely used in general surgery, obstetrics and gynecology, orthopedics, urology and other fields to prevent postoperative adhesions.

How it works

SINGCLEAN® ANTI-ADHESION GEL adheres to the tissue surface and to the abdominal wall, creating an anti-adhesion barrier, which keeps the adjacent tissues separated after surgery, protecting against adhesions.

Advantage

- Prevents or reduces adhesion formation
- Safe, natural and absorbable
- Quick and easy application
- Cost effective
- Optimizes Healing
- Animal Origin Free, good biocompatibility

How to use e.g uterine surgery



Storage

Store between 2°C and 20°C. Do not freeze. Relative humidity is no more than 80%. Well ventilated and clean, no corrosive gas. Protected from light.

Specifications

10mg/ml: 0.5ml, 0.75ml, 1.0ml, 2.0ml, 2.5ml, 3.0ml, 5.0ml, 15ml, 17ml, 20ml.