

## *Independently developed*

## *World first*

### Silicone Rubber Uterine Drug-Eluting Stent System

#### Product advantages

- World first completely independently developed drug-loaded anti-uterine adhesion device **made in China**
- Two major functions:** preventing postoperative intrauterine adhesions and continuously promoting endometrial growth
- Long-acting isolation:** up to 60 days of physical isolation
- The only** product **with superior** endometrial growth promoting **effect**
- Continuous targeted and quantitative release of estrogen, **effectively promoting endometrial regeneration**
- Simple operation, safe and reliable**

#### Clinical trial

- A multi-center clinical trial jointly conducted by Beijing Tiantan Hospital Affiliated to Capital Medical University, Renji Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, Suzhou Municipal Hospital and Sir Run Run Shaw Hospital Affiliated to Zhejiang University School of Medicine has been completed, with a total of 250 cases included.
- The control group was treated with Foley balloon catheter combined with MateRegen and artificial hormone cycles.

Clinical follow-up showed that the silicone rubber uterine drug-eluting stent was significantly more effective than the control group (see the table below).

	Test group 93.33%	对照组 38.56%	P值 P value <0.001
Effective rate of reducing intrauterine adhesions at 60 days after surgery	4.31±7.46	0.75±2.73	<0.001
Thickening of the endometrium at 60 days after surgery from the baseline (mm)	56.67%	39.64%	0.010
Menstrual improvement rate (PBAC score) at 60 days after surgery (PBAC score)			

## R & D background

- Intrauterine adhesions can lead to abnormal menstruation, infertility or repeated miscarriage, etc., which seriously affect the fertility and physical and mental health of women of childbearing age.
- Prevention of postoperative re-adhesion and promotion of endometrial repair and growth are still challenges in the modern medical field.

## Brief introduction of silicone rubber uterine drug-eluting stent

- For the treatment of intrauterine adhesions, and to promote endometrial repair and growth.
- It consists of a silicone rubber uterine drug-eluting stent and a delivery system. The silicone rubber stent is implanted in the uterus with the aid of the delivery system.
- The shape of the stent is designed to fit the uterus, which can physically block the anterior and posterior walls of the uterus safely and stably to prevent postoperative intrauterine adhesions.
- The silicone rubber contains far less estradiol than conventional oral doses.

## Directions for Use

- 1** Press down on the handle and pull the blue strings tightly until the stent is fully retracted and covers the push rod.



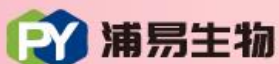
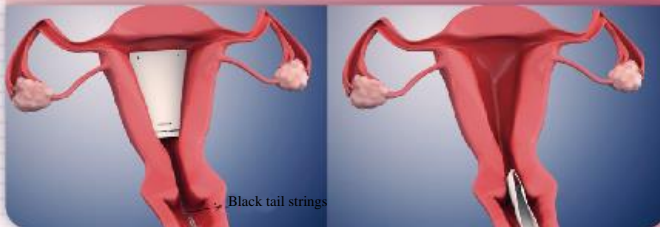
- 2** Release the handle and snap the blue strings into the string holding groove. Adjust the position of the positioning sleeve according to the depth of the uterine cavity. Slowly deliver the stent and delivery system into the uterus.



- 3** Once in position, pull the blue strings until they are fully pulled out. Withdraw the delivery system slowly. Cut the black tail strings at 2 cm from the cervix to complete the insertion.



- 4** Stent removal: Two months after stent implantation, the stent is pulled out of the uterus by holding the lower end of the tail strings with clamping forceps.



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