FILTER R

The Most Effective and Patient-Friendly Long Term Solution for Permanent Female Sterilization

Statistic

Setting

The choice of leading surgeons around the world

Excellent and Well Known Long Term Effectiveness

In hundreds of published studies, the Filshie System demonstrates an exemplary "typical use" success rate that is superior to all methods studied in the CREST trials¹. Filshie Clips also have a very low rate of ectopic pregnancy.

Since introduction in 1982, with over 12 million clips applied, knowledgeable gynecologists have relied on the Filshie Clip System for high effectiveness and limited complications, whereas numerous studies and even professional recommendations confirm that the long-



term benefits versus complications of prophylactic salpingectomy are not established.²⁻⁴ "The risks of decreased ovarian function and/or premature surgical menopause [due to prophylactic salpingectomy] may outweigh the benefit of decreased ovarian cancer incidence."⁵ "Studies investigating patient-based outcomes [of prophylactic salpingectomy] are lacking."⁶

As with salpingectomy, the occlusive nature of the Filshie Clip has been shown to reduce the incidence of ovarian cancer⁷⁻⁹. However, the Filshie Clip System has significant advantages when compared to salpingectomy: Filshie Clip placement involves no electrocautery, sharp dissection or permanent excision of tissue. A well-known and clinically reported potential side effect of Filshie Clip tubal ligation is clip migration. There are no known serious clinical or life-threatening complications that relate directly or indirectly to the Filshie Clips or their migration.¹⁰

Quick and Easy to Apply

Laparoscopic application of Filshie Clips requires basic laparoscopic skills and takes just a few minutes. Compared to salpingectomy, the surgery is easier. In a recent postpartum study, bilateral salpingectomy was successfully completed in only 68% of cases vs 95% successful completion of tubal ligation. Tubal ligation also had a 15 minutes shorter operative time than bilateral salpingectomy.¹¹ In certain women salpingectomy may technically be very difficult, increase intraoperative complication rate or even impossible such as women with abnormal anatomy and women with severe adhesions due to pelvic inflammatory disease or endometriosis.¹² There is no sharp dissection or excision of tissue that increases surgical risks, and operating room costs are lower.

Patient Satisfaction

Many women prefer the least invasive approach when it involves removal of anatomy.

Permanent, Yet Reversible

Because Filshie Clips preserve almost the entire fallopian tube, reversal via reanastomosis has been shown to be highly successful.¹³

Minimal Laparoscopic Ports Required

Only a single central instrument port is required for placement. Multiple lateral instrumentation ports that are necessary for salpingectomy are not needed. Therefore risk of epigastric vessel injury is mitigated¹⁴ and port site infection, irritation and herniation is potentially reduced.

Non-Hormonal, Permanent Device

Filshie Clips maintain high effectiveness without replacement or maintenance. Clips do not leach copper or hormones and do not need replacement. Filshie Clips are less worrisome than IUDs for women who have completed their families.

Effective for Postpartum Application

Sterishof

The Filshie Clip's special silicone profile and clip length allows it to be placed onto edematous postpartum Fallopian tubes. The length is able to encompass a swollen tube, and the silicone maintains pressure on the clipped tube as the tube gradually compresses.

Globally Recognized and Recommended

The proven success of the Filshie Clip is the reason that the UK Royal College of Obstetricians and Gynaecologists, in conjunction with the National Health Service, continues to recommend Filshie Clips as the preferred method for laparoscopic female sterilization.¹⁵ The Filshie System is the most common tubal occlusion method in Australia and New Zealand¹⁶, and is one of the most popular permanent sterilization methods in the United States, Canada, and a significant number of other countries worldwide.

Achieving consistent Filshie Clip application: The Sterishot II series of single patient use applicators

Consistently effective results are obtained with a calibrated Filshie Clip closure mechanism confirmed for each application. Since 2008, the patented¹⁷ Sterishot II single patient use Filshie Clip applicator has been providing precise closure pressure and reliable locking of the clip. Compared to a reusable applicator, Sterishot II applicators

- eliminate potential for patient infection due to cross-contamination,
- eliminate annual calibration requirements,
- eliminate the risk of damage from handling and storage, and
- eliminate resources required for post-surgical cleaning, sterile processing and tracking between procedures.

The Filshie System containing the Filshie Clips and Sterishot II applicator are immediately available and provide reliable results in <u>every procedure</u>.

Standard Laparoscopic Kit

The basic Filshie System procedure tray.

Item: FE-7SS-951

- Sterishot II Single Use Applicator
- One Pair Filshie Clips



Minilaparotomy Kit

The basic Filshie System procedure tray designed specifically for minilap Filshie Clip application.

- Item: FE-7ML-951
- Sterishot II for Minilaparotomy
- One Pair Filshie Clips



Elite Kits

Filshie System Kits that contain one 8mm Trocar and Cannula for use as the secondary (instrument) port in dual-incision laparoscopic technique. Trocars are available with either safety shielded blade or bladeless configurations.

stanshot

Item: FE-7SS-953

- Sterishot II Single Use Applicator
- One Pair Filshie Clips
- One 8mm Shielded Trocar and Cannula

Item: FE-7SS-954

- Sterishot II Single Use Applicator
- One Pair Filshie Clips
- One 8mm Bladeless Trocar and Cannula

Elite Plus Kits

Filshie System Kits that contain both a primary (scope) port (either 5mm or 10mm) and an 8mm secondary (instrument) port. Choose either safety shielded blade or bladeless trocar configurations.

Item: FE-7SS-957

- Sterishot II Single Use Applicator
- One Pair Filshie Clips
- One 8mm Shielded Trocar and Cannula
- One 10mm Shielded Trocar and Cannula

Item: FE-7SS-958

- Sterishot II Single Use Applicator
- One Pair Filshie Clips
- One 8mm Shielded Trocar and Cannula
- One 5mm Shielded Trocar and Cannula

Item: FE-7SS-959

- Sterishot II Single Use Applicator
- One Pair Filshie Clips
- One 8mm Bladeless Trocar and Cannula
- One 10mm Bladeless Trocar and Cannula

Item: FE-7SS-960

- Sterishot II Single Use Applicator
- One Pair Filshie Clips
- One 8mm Bladeless Trocar and Cannula
- One 5mm Bladeless Trocar and Cannula



References:

- 1 Peterson HB, Xia Z, Hughes JM, et al. The risk of pregnancy after tubal sterilization: findings from the U.S. Collaborative Review of Sterilization. Am J Obstet Gynecol 1996;174(4):1161–1170.
- 2 Szender J, Lele S, Fallopian tube ligation or salpingectomy as means for reducing risk of ovarian cancer, AMA J Ethics. 2015 Sep 1;17(9):843-8.
- 3 Salpingectomy for ovarian cancer prevention. Committee Opinion 620, ACOG. Obset Gynecol 2015;125:279-81.
- 4 Venkatesh K K, Clark L H, Stamilio D M. Cost-effectiveness of opportunistic salpingectomy vs tubal ligation at the time of cesarean delivery. Am J ObstetGynecol 2019;220:106.e1-10.
- 5 Backes FJ, Salpingectomy, why not? Am J Obstet Gynecol 2014;210(5):385-386
- 6 Castellano T, Zerden M, March L, et al. Risks and benefits of salpingectomy at the time of sterilization. Obstet Gynecol Surv 2017;72(11):663-668
- 7 Benefits and risks of sterilization. Practice Bulletin No. 208. American College of Obstetricians and Gynecologists. Obstet Gynecol 2019;133(3):e194-e207.
- 8 Rice M, Hankinson S, Tworoger S, Tubal ligation, hysterectomy, unilateral oophorectomy, and risk of ovarian cancer in the Nurses' Health Studies, Fertil Steril 2014;102:192-8.
- 9 Gaitskell K, Gren J, Pirie K, et al, Tubal ligation and ovarian cancer risk in a large cohort: Substatial variation by histological type, Int J Cancer 2016;138:1076-84.
- 10 Gad N, Aziz R, Siwicki K, Filshie clip migration into wall of urinary bladder presenting with acute abdominal pain. Case report and review of English literature: from 1990 to April 2009, Pelviperineology 2010;29:84-7
- 11 Subramaniam A, Blanchard CT, Erickson BK, et al. Feasibility of complete salpingectomy compared with standard postpartum tubal ligation at cesarean delivery: a randomized controlled trial. Obstet Gynecol 2018;132:20-7
- 12 Braaten K, Dutton C, Laparoscopic female sterilization. UpToDate. Dec 2018
- 13 Jayakrishnan K, Baheti SN. Laparoscopic tubal sterilization reversal and fertility outcomes. J Hum Reprod Sci 2011;4:125-9
- 14 Bhoyrul S, Vierra MA, Nezhat CR, et al. Trocar injuries in laparoscopic surgery. J Am Coll Surg 2001;192(6):677-683.
- 15 Faculty of Sexual & Reproductive Healthcare, Royal College of Obstetricians & Gynaecologists, Male and Female Sterilisation, 2014 Sep.
- 16 The Royal Australian and New Zealand College of Obstetricians and Gynaecologists, Female sterilisation by Filshie clip tubal occlusion (C-Gyn 22), 2014 Nov.
- 17 U.S. Patents 9,451,966, 10,092,296



Products shown may not be available in all countries. Contact Femcare for product availability in your area.

UTAH MEDICAL PRODUCTS

FEMCARE



United States

 Utah Medical Products, Inc.

 7043 South 300 West

 Midvale, Utah 84047

 Toll-free
 800.533.4984

 Tel
 +1 801.566.1200

 Fax
 +1 801.566.2062

 info@utahmed.com

Europe

Femcare Ltd. 32 Premier Way Romsey, Hampshire S051 9DQ United Kingdom Tel (UK) +44.1794.525.100 Tel (FR) +33.9.7518.5477 Fax +44.1794.525.101 enguiries@femcare.co.uk

Utah Medical Products Ltd. Athlone Business & Technology Park Garrycastle Athlone, Co. Westmeath, N37 XK74 Ireland Tel +353.90.647.3932 Fax +353.90.647.5608 customerservice_ireland@utahmed.com

Canada

Femcare Canada 6355 Kennedy Road, Unit 15 Mississauga, ON L5T 2L5 Tel +1 905.795.1102 Fax +1 905.795.8154 customer@femcare.ca

Australia

Femcare-Australia Pty Ltd Unit 12, 5 Gladstone Road Castle Hill, NSW 2154 Tel +61.2.9045.4100 Fax +61.2.9894.1913 customer@femcare.com.au

www.utahmed.com www.femcare.co.uk