

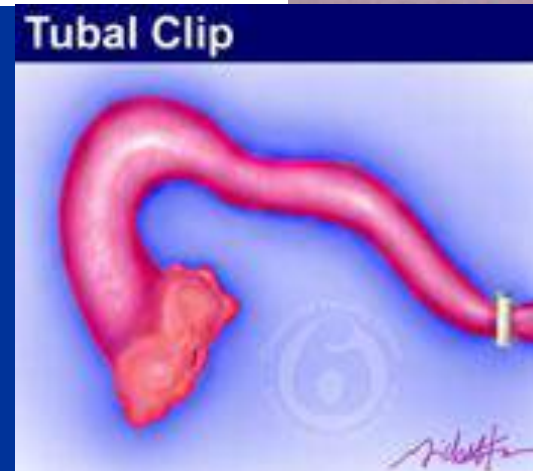
LAPAROSCOPIC STERILIZATION



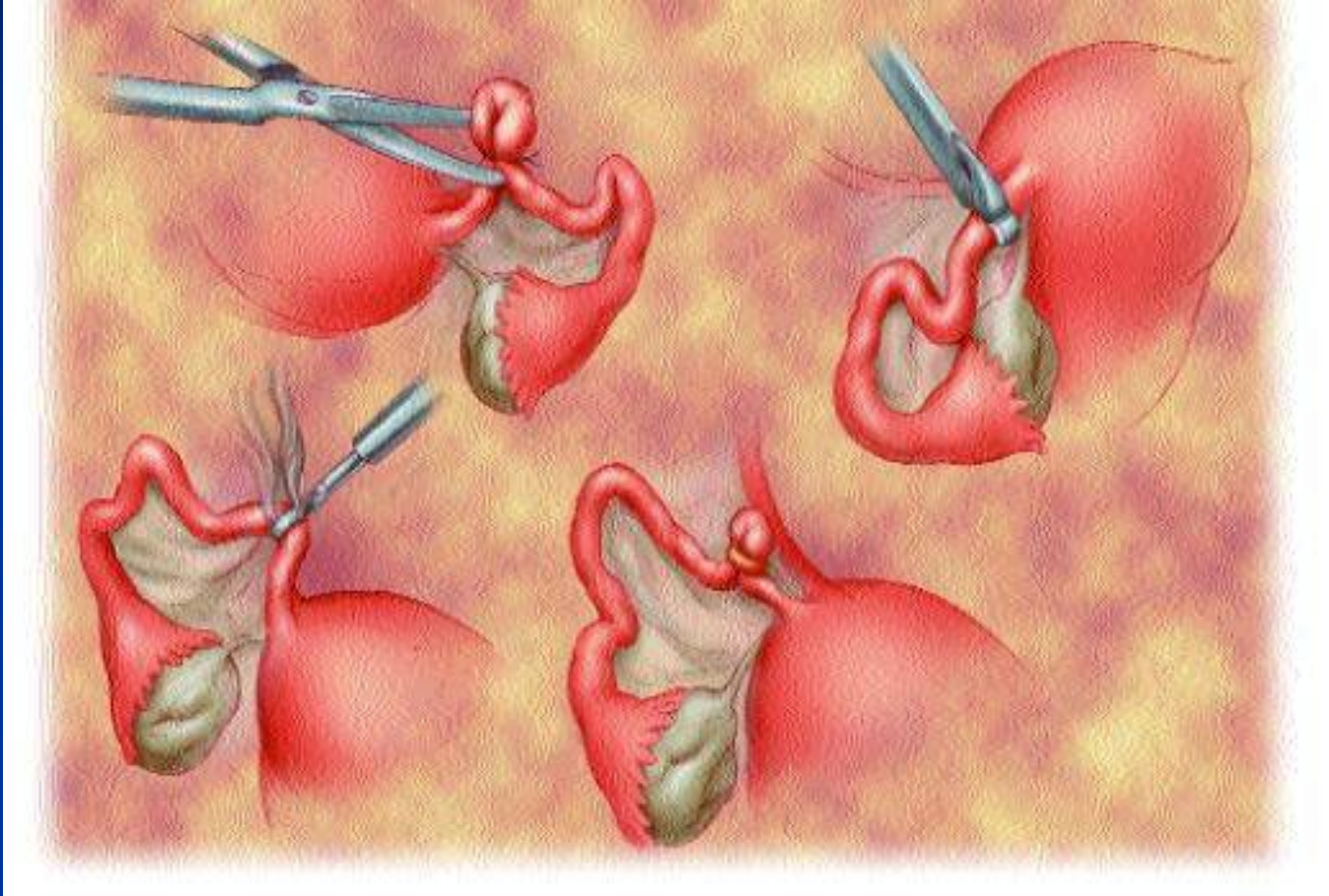
Methods of Tubal Sterilization

Worldwide, sterilization is now the most commonly used method of family planning

- Destructive-
 - Unipolar,
 - Bipolar
 - Coagulation using thermal cautery
- Occlusive-
 - Fallope ring,
 - Hulka clip,
 - Filshie clip



Methods of Tubal Sterilization

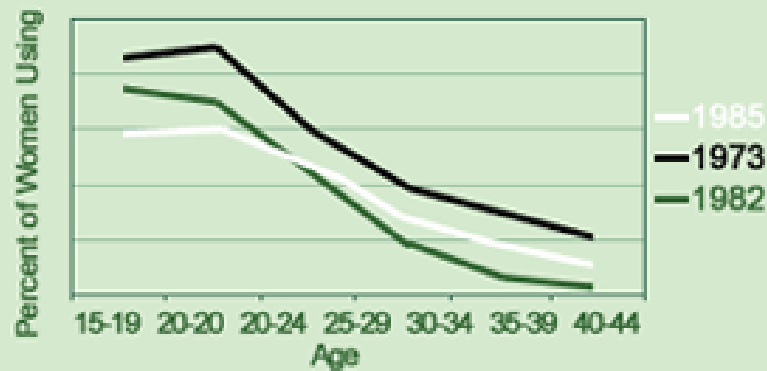


The percentage of couples who used sterilization doubled from 1973 (16%) to 1998 (36%)

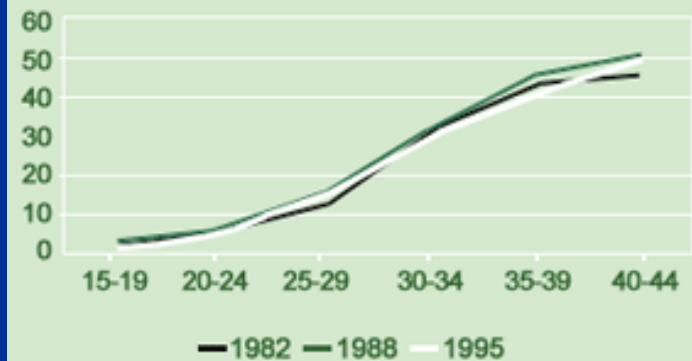


More females opting for Sterilization

Changes in Oral Contraceptive Use by Age
Married Women, U.S.A.



Prevalence of tubal sterilization by age



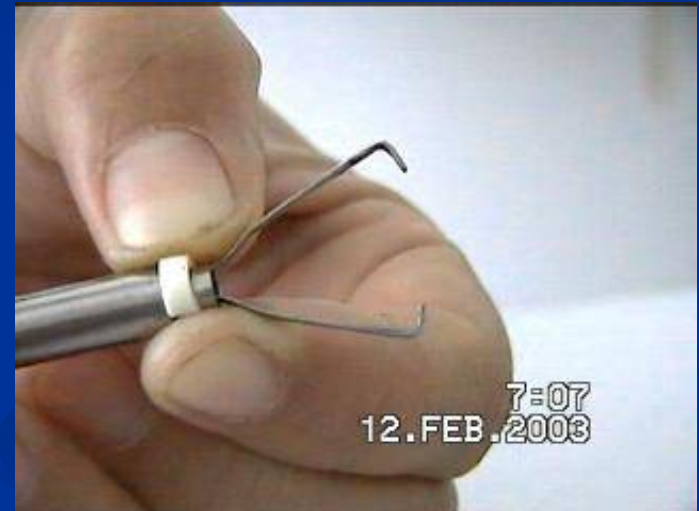
Advantages

- Diagnostic advantage
- Less pain postoperatively
- Low intra & postoperative complications
- Early return to work
- Cosmetically better outcome
- Less tissue dissection and disruption of tissue planes



Tasks:

- Preparation of the patient
- Loading of ring
- Creation of pneumoperitoneum
- Insertion of port
- Diagnostic laparoscopy.
- Operative procedure

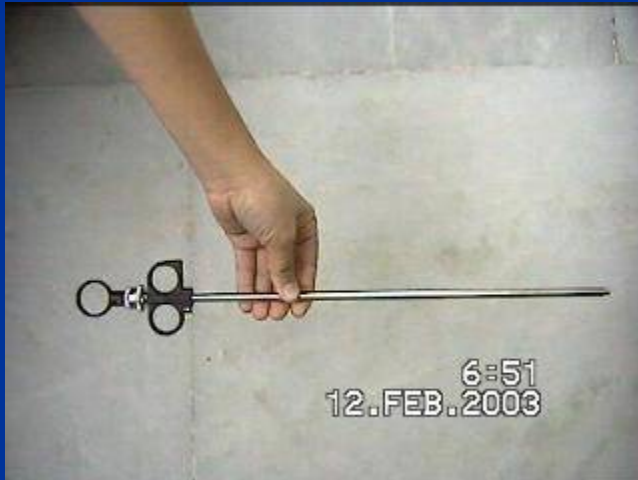


Preparation of patient

- General anaesthesia or Local anesthesia
- Foleys urinary catheter
- lithotomy position
- 15 degrees head down



Ring loading



Ring applicator



Ring Pusher



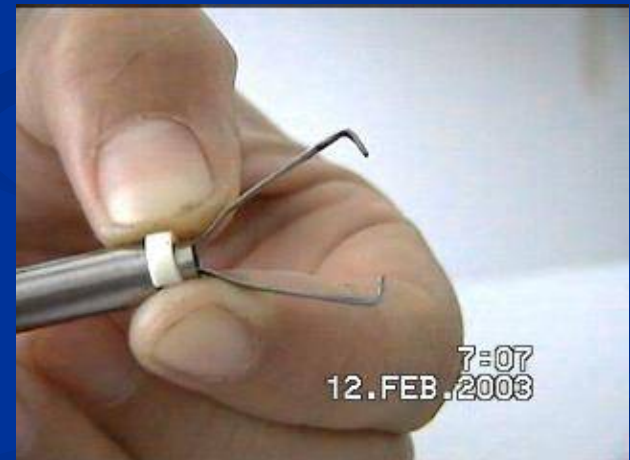
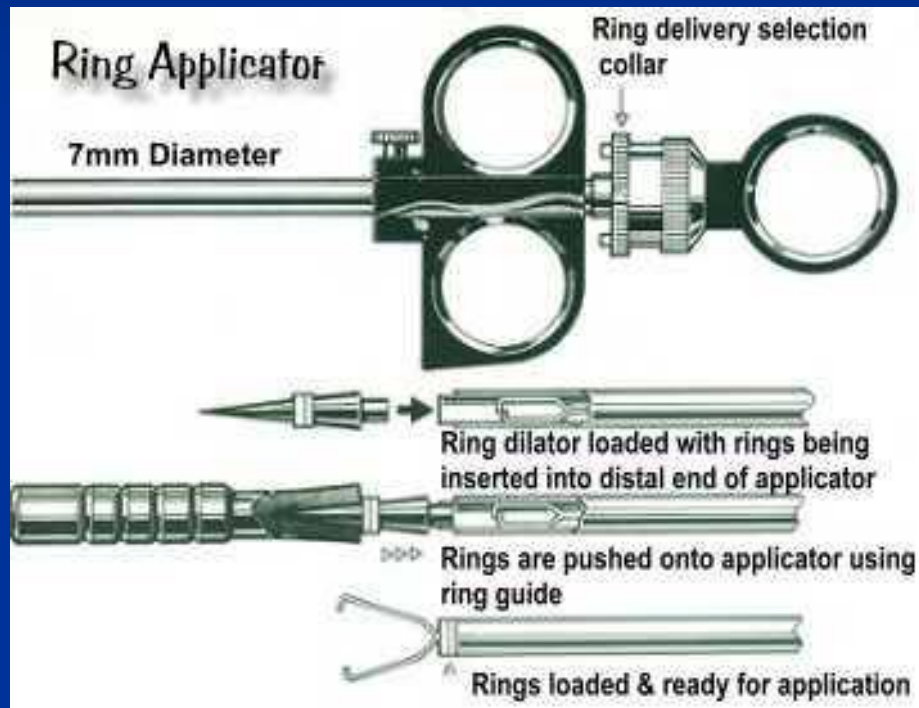
Fallop Ring



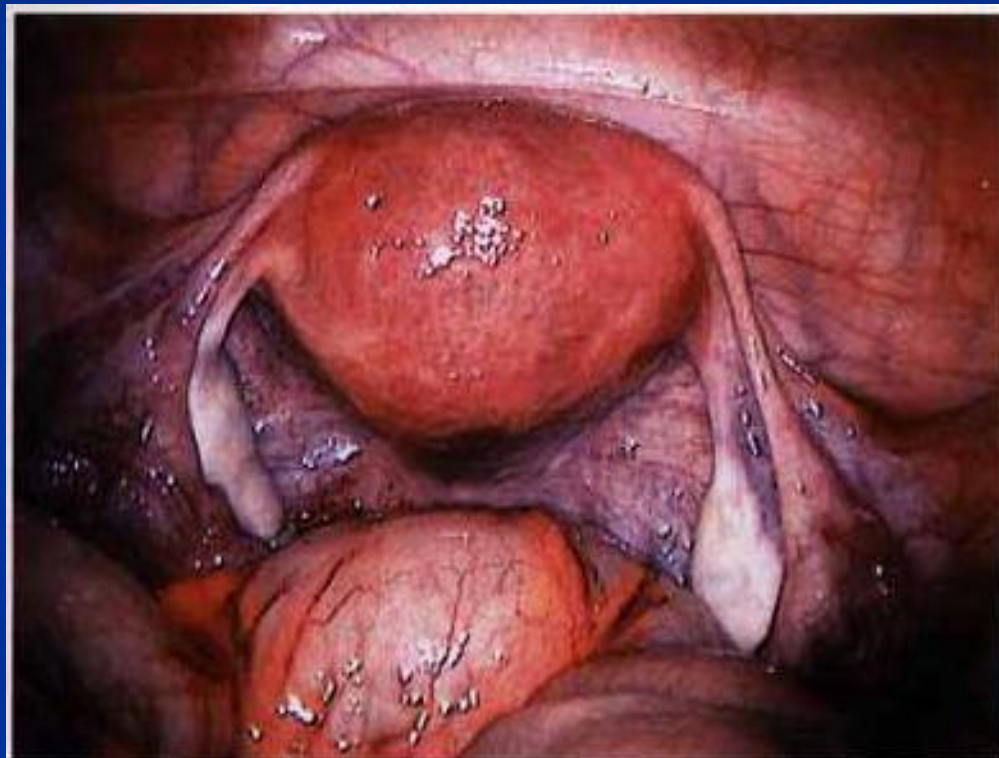
Ring loading



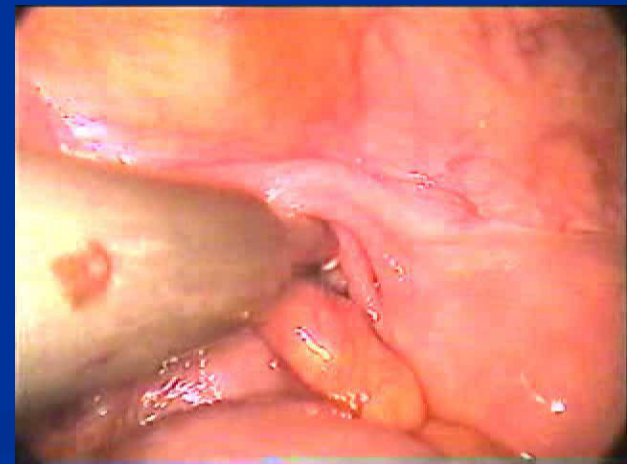
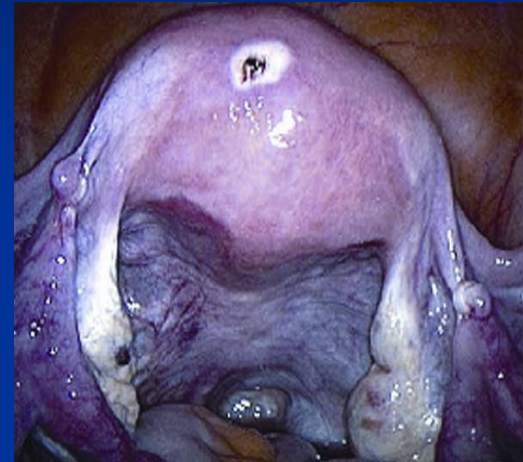
Ring loading



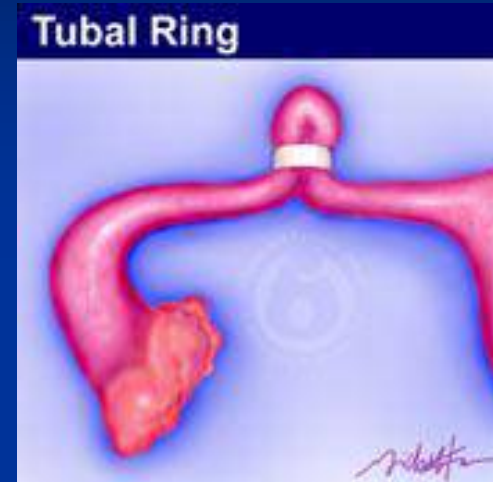
Normal Pelvis



Port Position



Sterilization



Complications

■ Early

- Injury to viscera
- Hemorrhage
- Infection
- Other complications related to laparoscopy



■ Late

- Re-canalization of tubes



Recommendations

- During the first week of recovery, patient should avoid:
- Sitting in a warm or cold tub bath,
- Douches
- Lifting heavy objects, and
- active sports



Filshi Clip



ELEGANTLY DESIGNED
FOR SAFE AND EFFECTIVE
SURGICAL CONTRACEPTION
OF WOMEN



Hulka clip

Tubal Clip



Hulka Clip Applicator



Specially designed to provide a robust instrument which will easily and reliably place the Hulka Clemens Clip

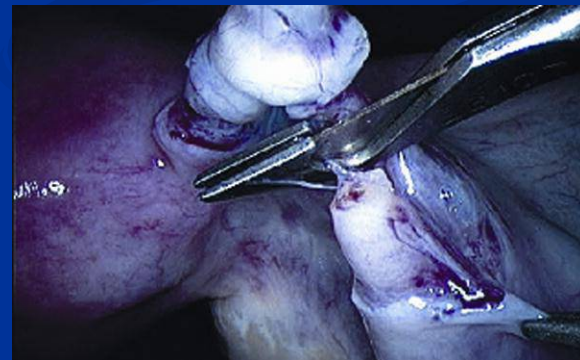
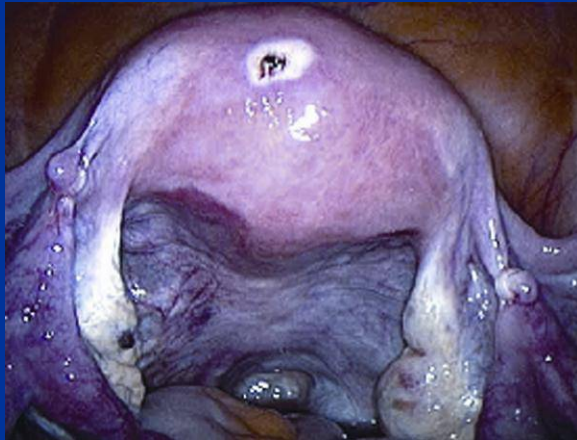


Reversal of Sterilization

- Method of Sterilization-most successful for Hulka clips, followed by rings, and then cautery and Pomeroy-type technique
- Length of Tube-more successful when residual tube is longer than 2 centimeters
- Age at Reversal-more successful in women less than age 35



Reversal of Sterilization



Reversal of sterilization



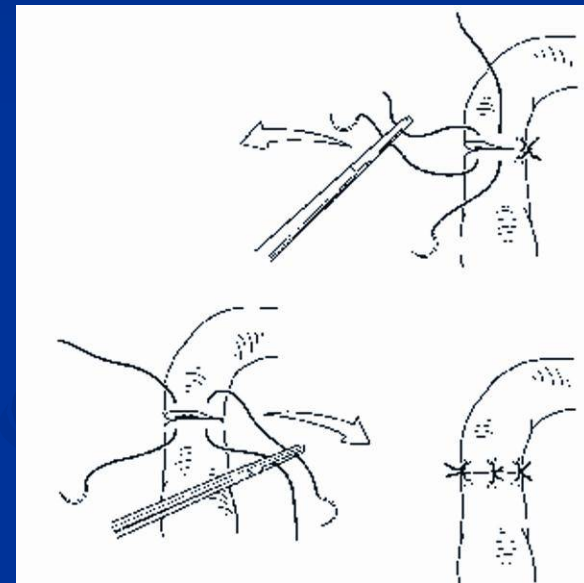
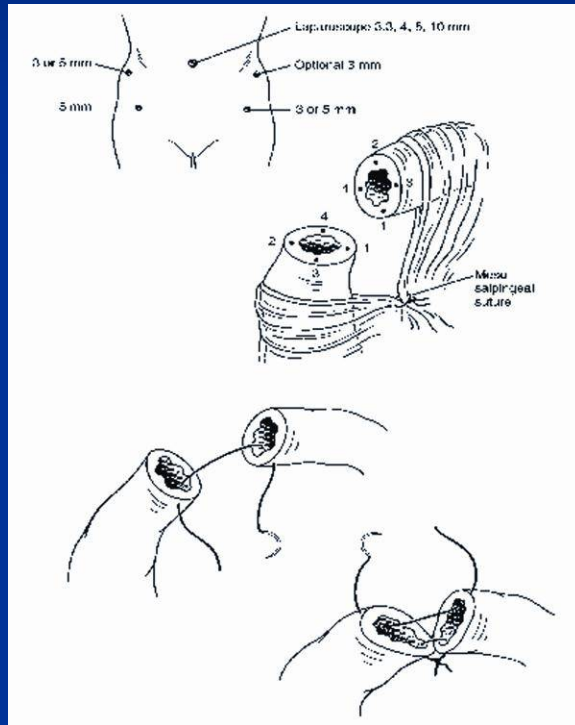
Identification of site of tubectomy



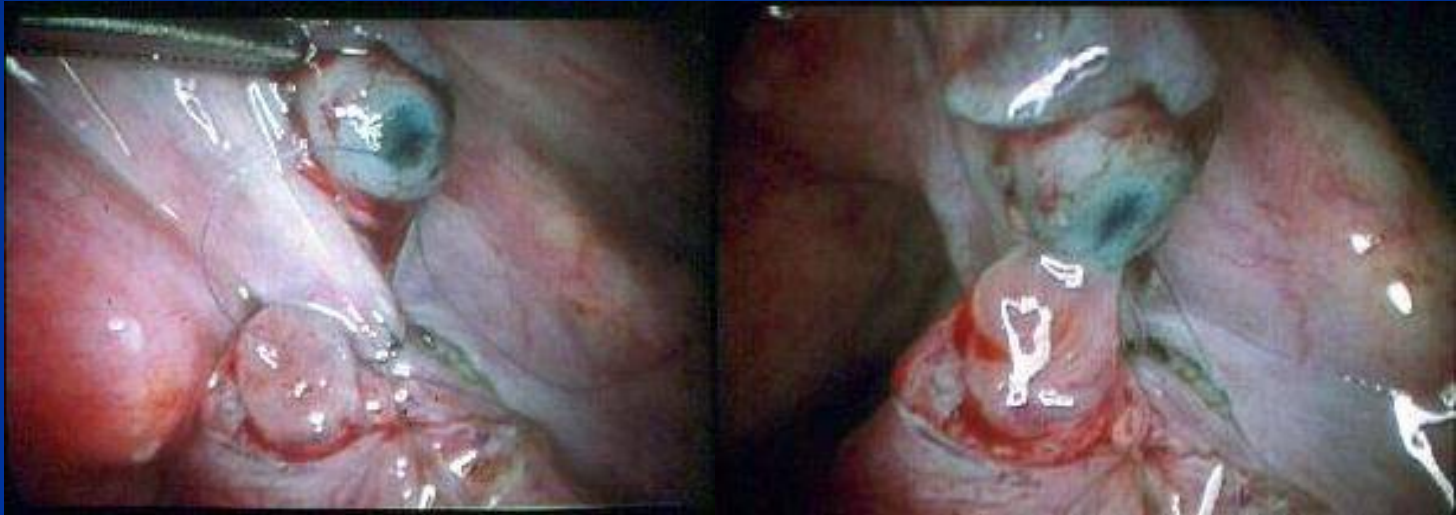
Blind stump has been cut to show healthy end (25X magnification)



Reversal of sterilization



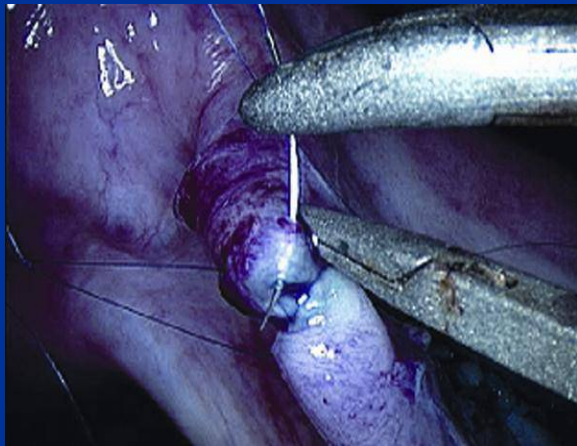
Reversal of sterilization



Anastomosis

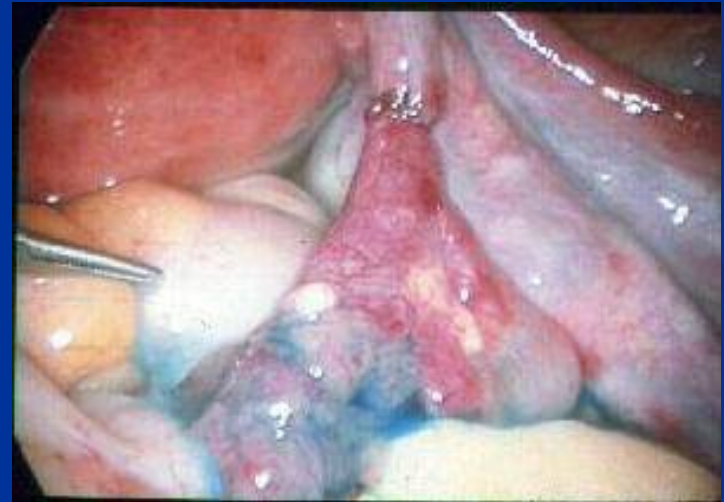


Reversal of sterilization

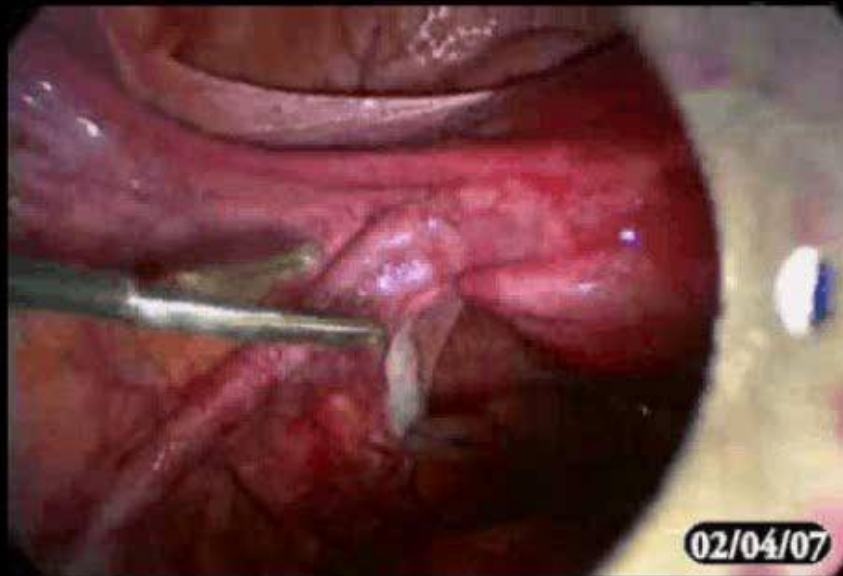


Reversal of sterilization

The anastomosis has been completed after four 8/0 sutures have been tied. Methylene blue dye injected into the uterine cavity emerges from the end of the tube with no leakage at the joint.



Procedure



Thank you



Prof. Mishra with Sheikh Mohammed in Dubai

