

MJFCVAS, CHOMU

OVARIOHYSTERECTOMY

Dr. Kuldeep

OVARIOHYSTERCTOMY

- Surgical removal of both ovaries and uterus .

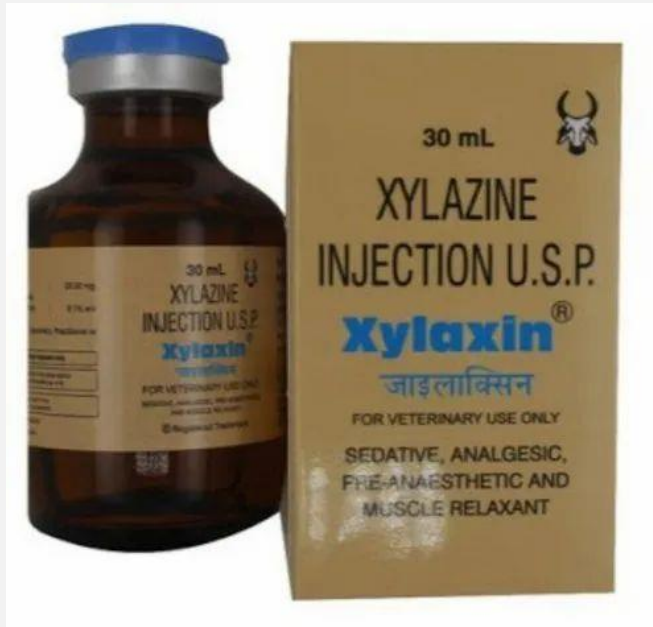


INDICATIONS

- Animal birth control program (ABC)
- Ovarian cyst
- Uterine disease
- To minimize risk of mammary gland tumours
- Prevention of hormonal changes

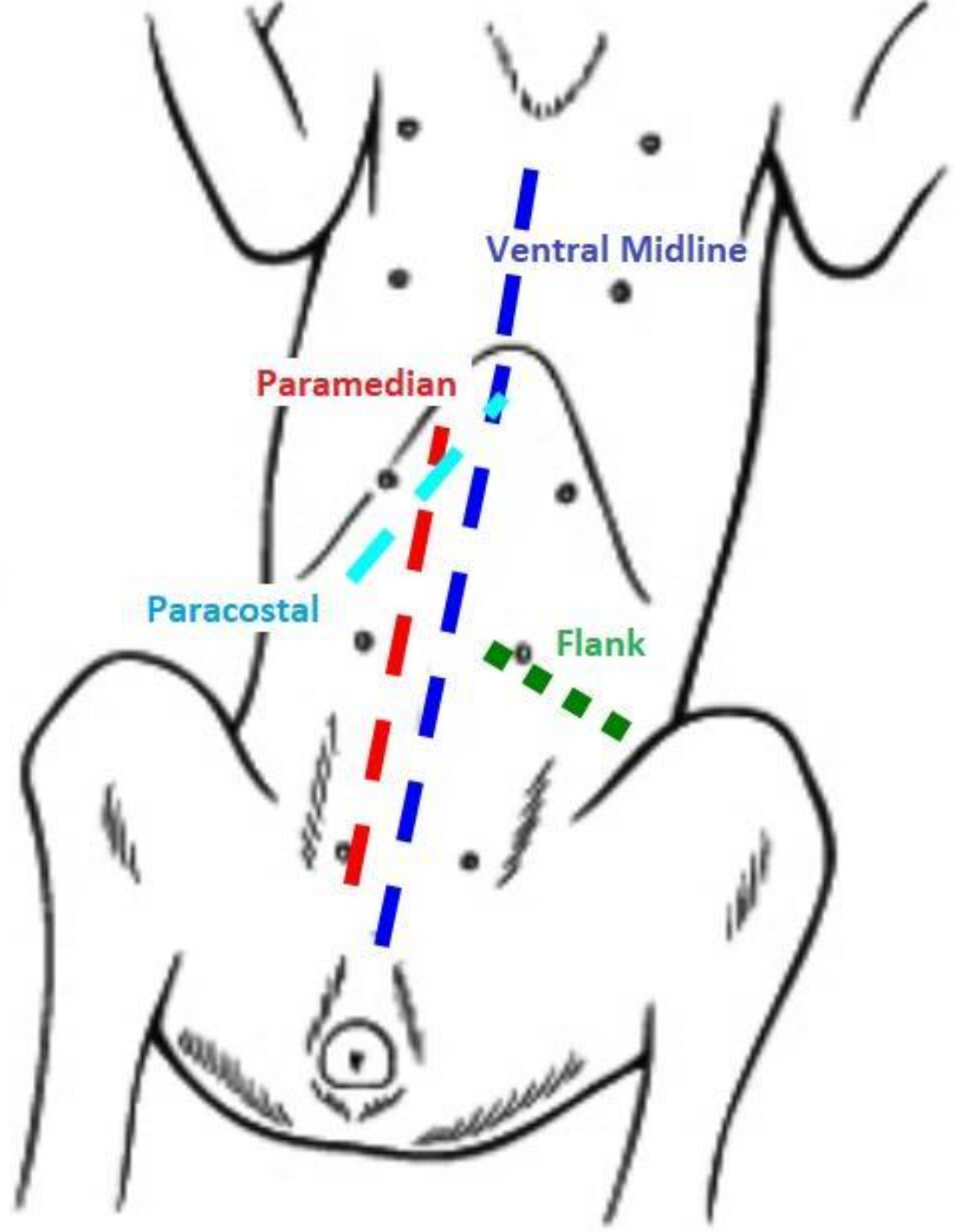
ANAESTHESIA

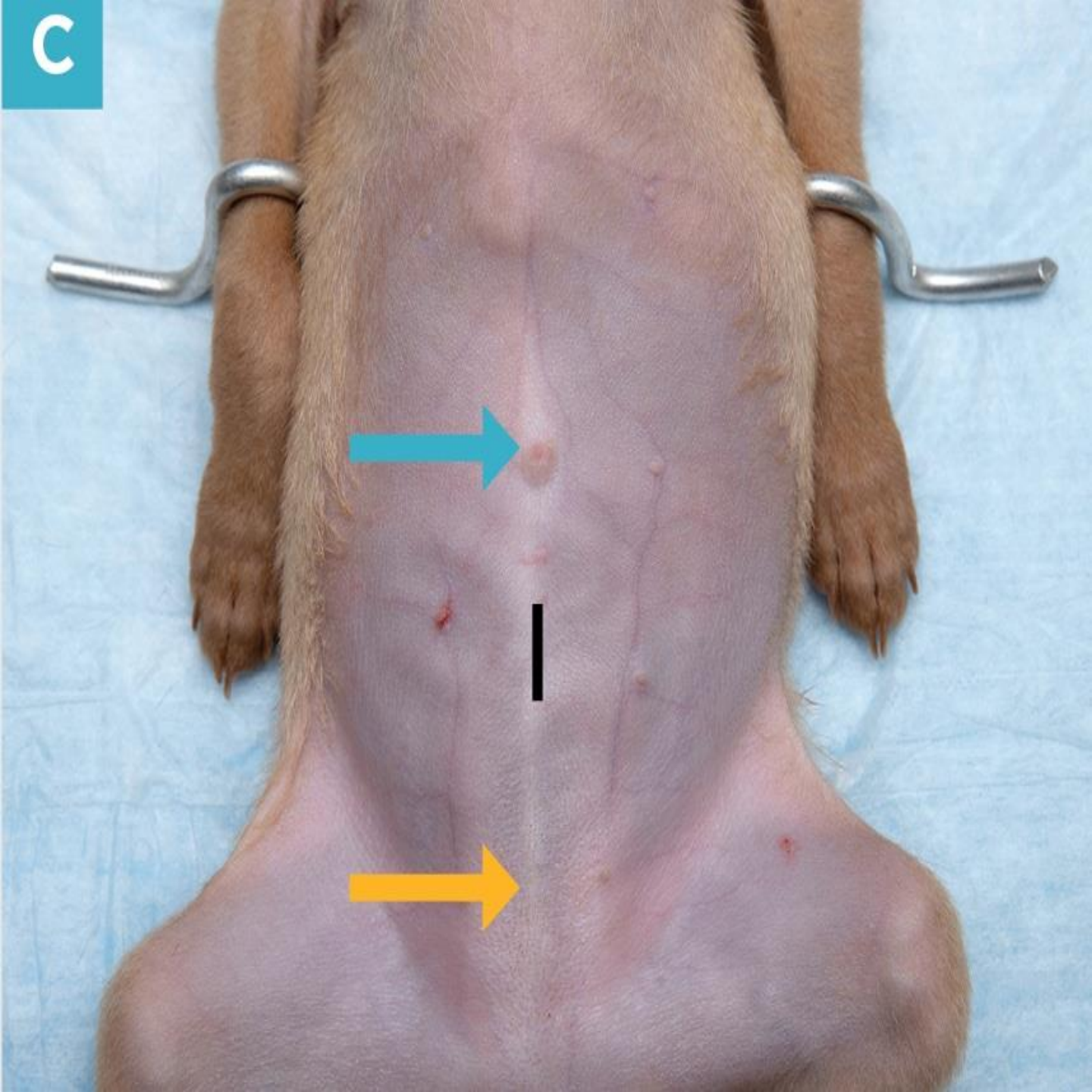
- Combination of xylazine hydrochloride @ 0.25 – 0.5 mg/kg
ketamine hydrochloride @ 0.5 mg / kg
diazepam @ 0.1 – 0.5 mg/ kg
- If animal is debilitated – epidural anaesthesia combined with local infiltration



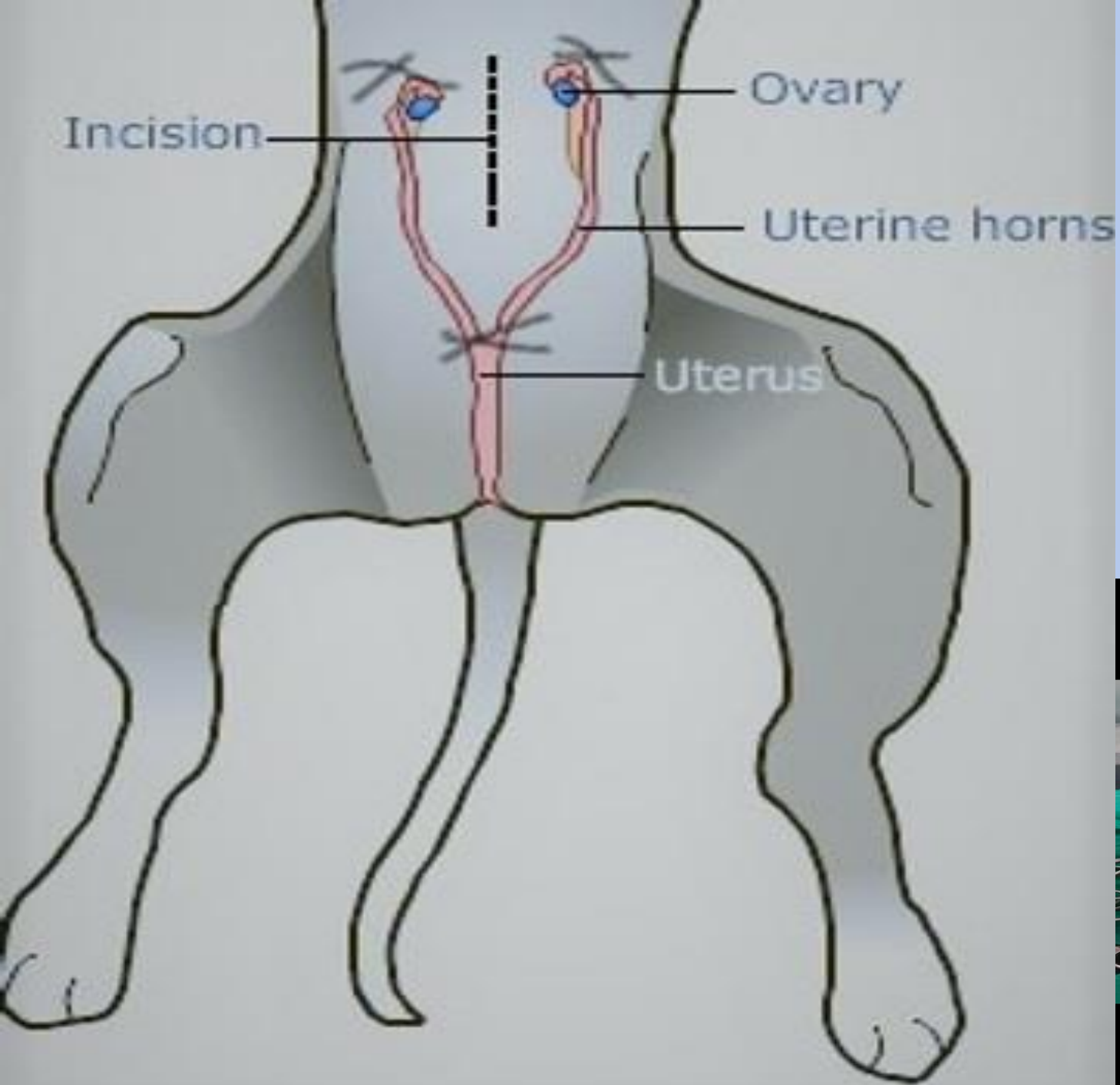
SURGICAL APPROACH

- A ventral midline celiotomy
(centred between the umbilicus pubis through linea alba)
- Paralumber flank approach





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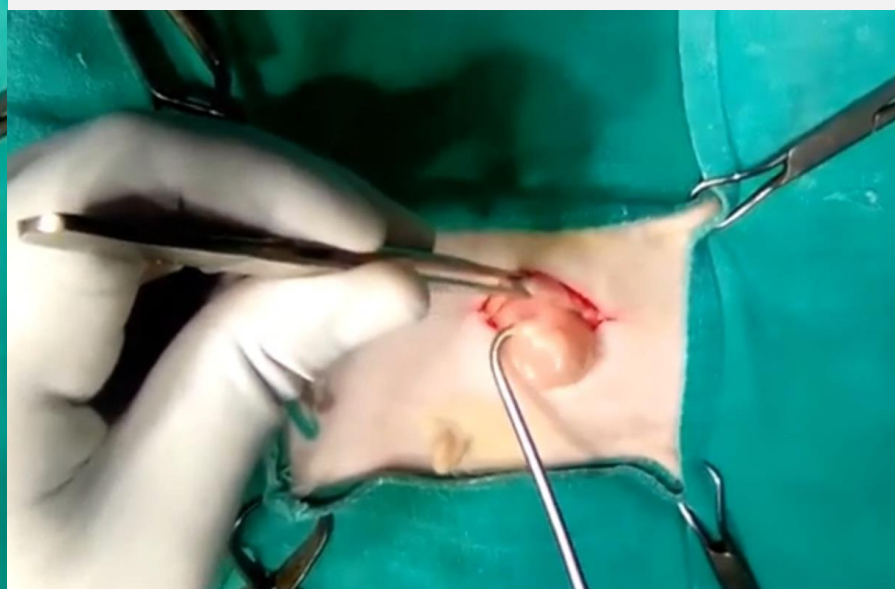
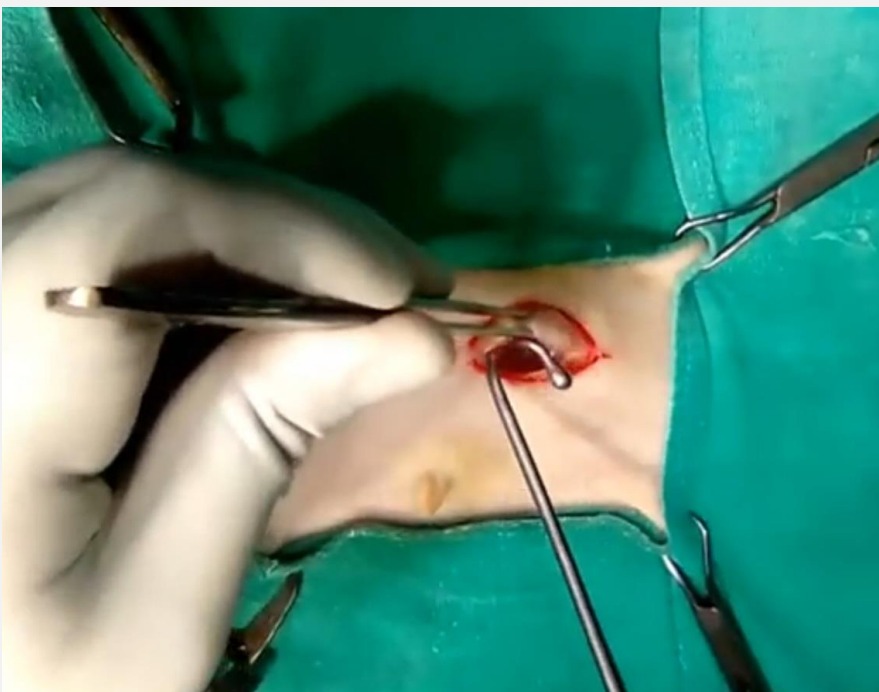
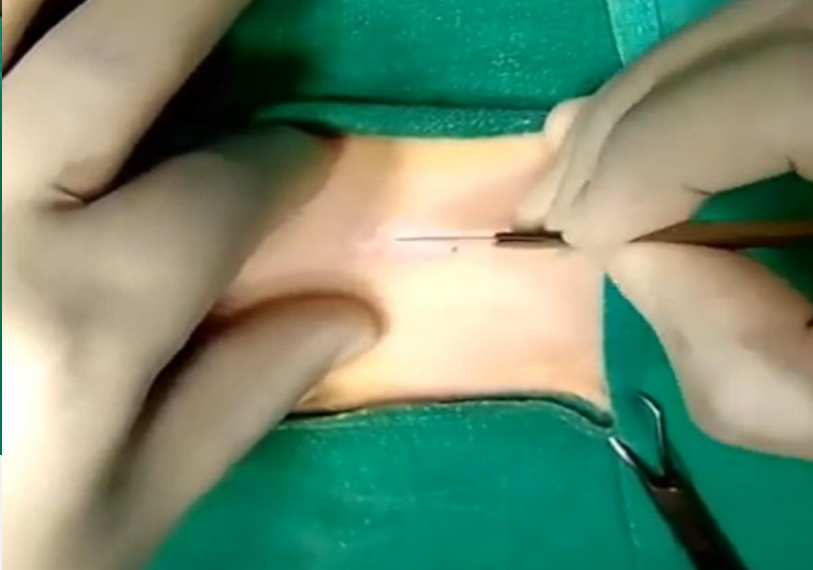
SURGICAL METHOD

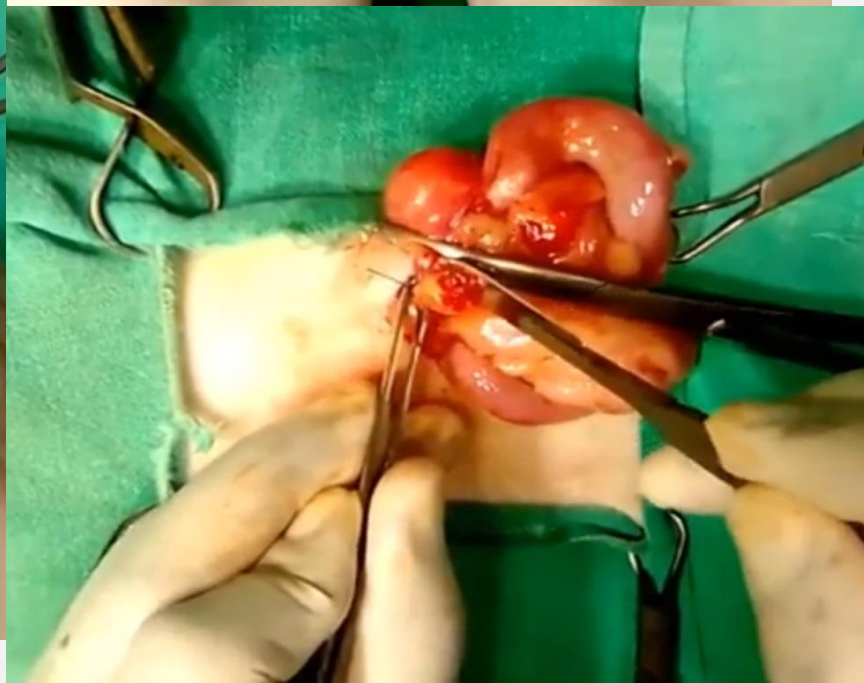
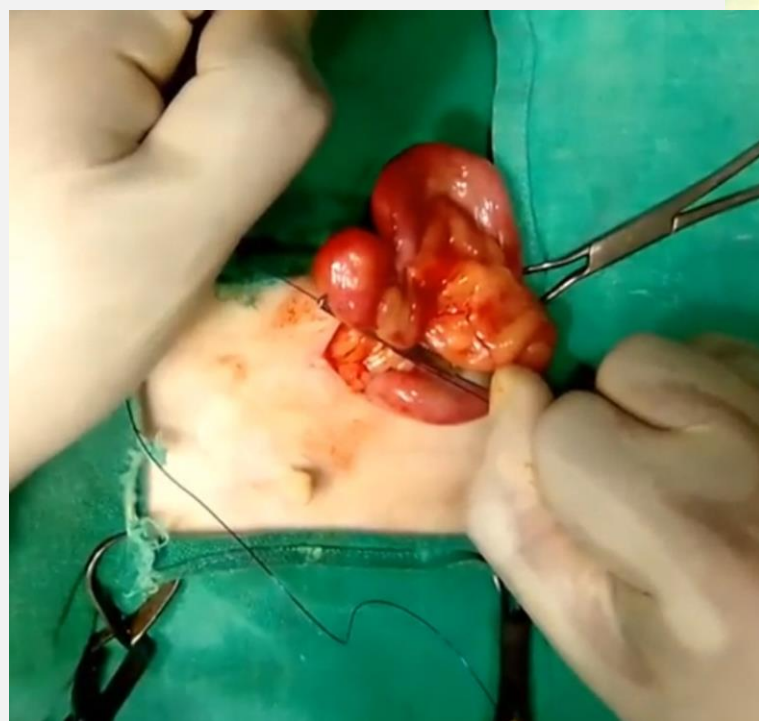
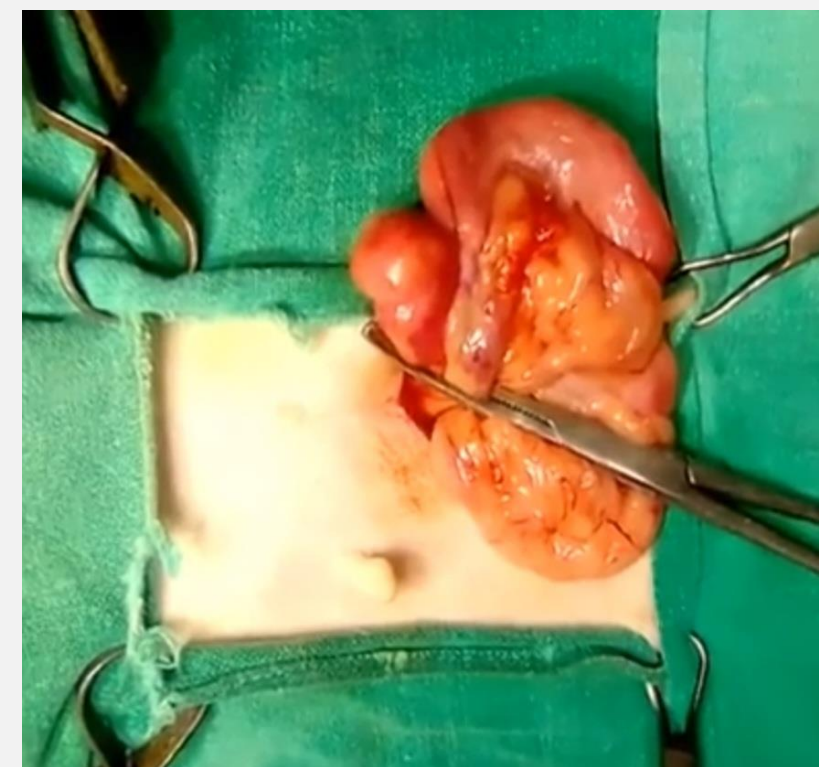
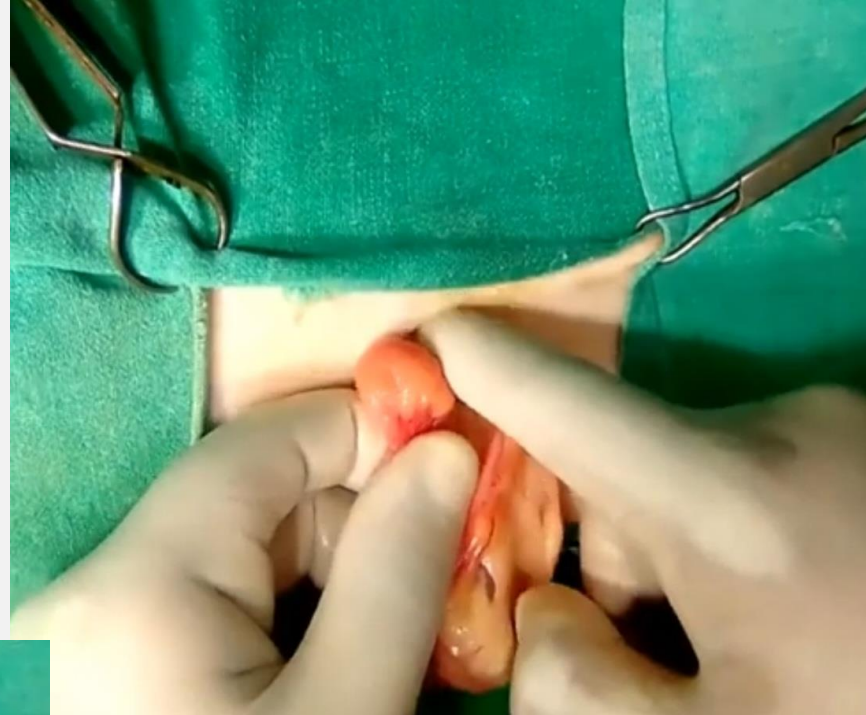
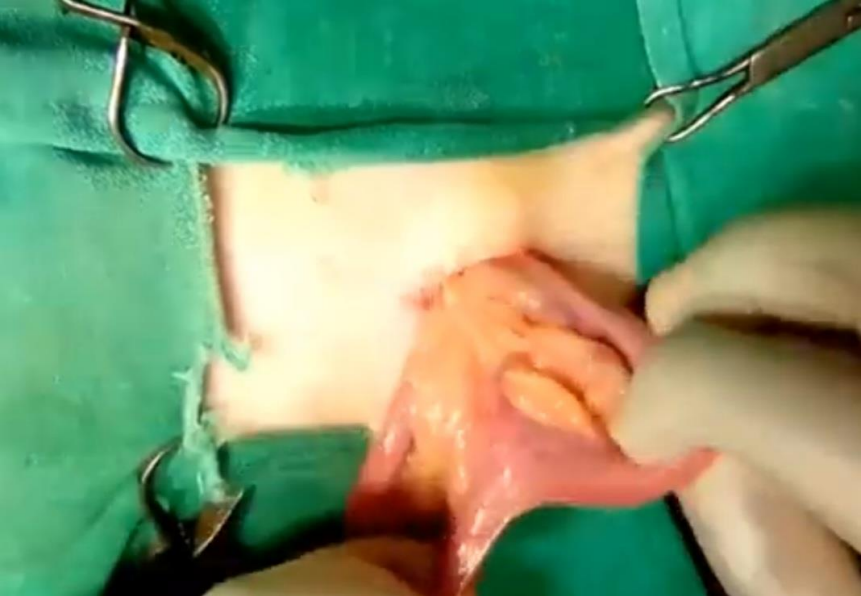
3 cm incision caudally from 2cm away from umbilicus through linea alba .

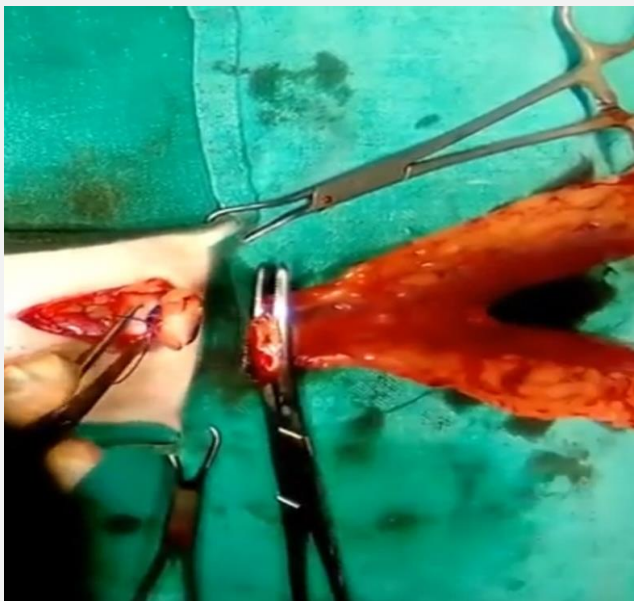
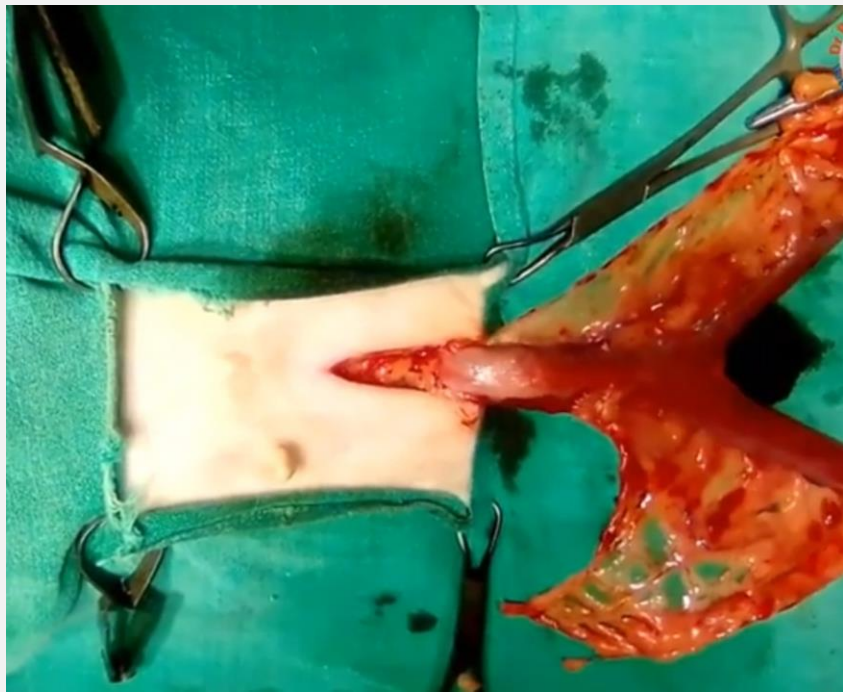
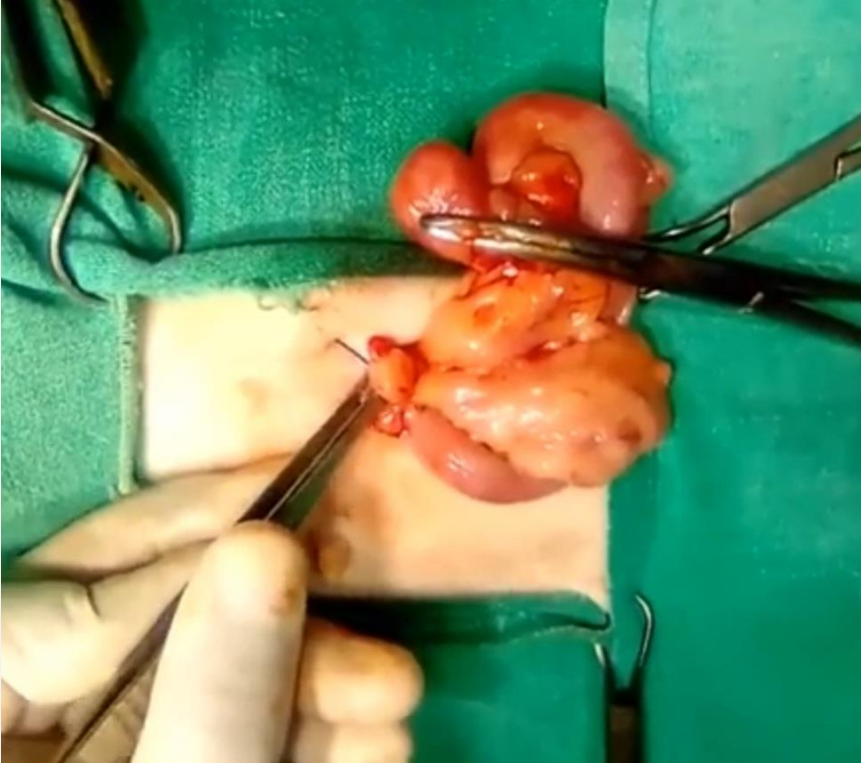
Ovaries exteriorized by stretching or breaking the suspensory ligament.

Ovary exposed by incised ovarian bursa and disconnected from its anterior attachment .

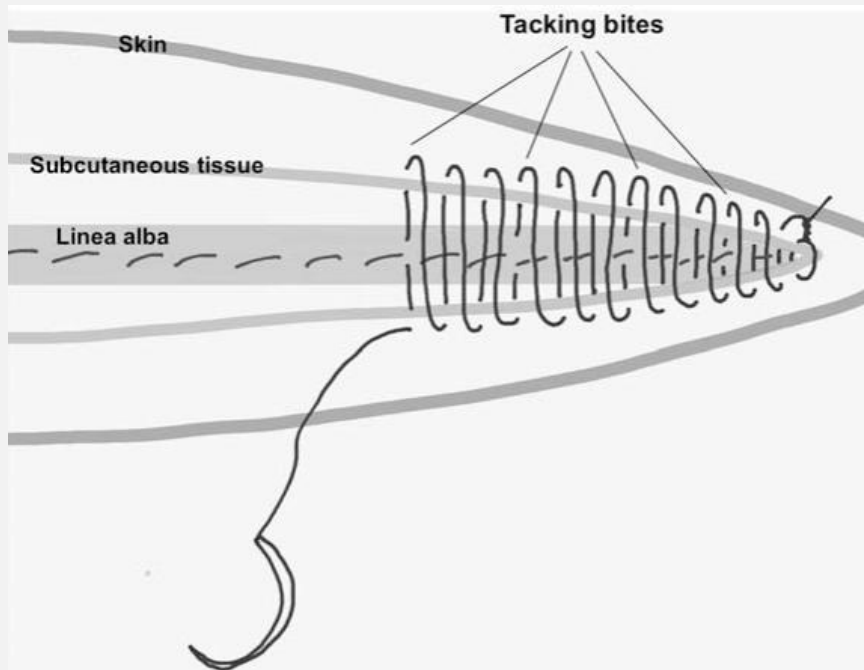
uterine pedicles ligated just proximal to cervix and cut.







SUTURING



Linea alba :- simple continuous suturing

Subcutaneous tissue along with skin :- sutured with horizontal mattress

(Catgut , PGA)

Skin – simple interrupted
(Silk, nylon, cotton)

COMPLICATIONS

- Hemorrhagic shock
- Oestrogen responsive urinary incontinence
- Pyometra
- Iatrogenic urethral trauma
- Body wt. gain due to low estradiol level
- Eunuchoid syndromes

POSTOPERATIVE CARE

- Asd with povidone iodine 4-5 days
- Broad spectrum antibiotics × 7 days
- Nsaids × 5 days
- Multivitamins

A close-up photograph of a healthcare professional, likely a doctor or nurse, wearing a white lab coat and bright pink nitrile gloves. The person is holding a white rectangular sign with both hands. The sign features the words "THANK YOU!" in a bold, sans-serif font. "THANK" is colored pink, and "YOU!" is colored blue. The background is a plain, light-colored wall. The overall image conveys a message of gratitude and appreciation for medical professionals.

THANK YOU!