



Gynaecological & Obstetric Instruments

CUSCO'S (BIVALVE) SPECULUM

Gynaecological Indications:

- 1- **Examination of vagina & cervix** in cases of abnormal vaginal bleeding
- 2- To take **cervical smear** for cervical cancer screening.
- 3 To **insert or to remove IUCD**.
- 4 To take vaginal & cervical swab to exclude infections.
- 5- To allow introduction of uterine sound.

Obstetric Indications:

- 1- To diagnose PROM in cases with H/O watery vaginal discharge & also to exclude cord prolapse.
- 2- To exclude local causes of APH.



SIM'S SPECULUM



Indications:

- 1-To exam the **anterior vaginal wall** for diagnosis of **vesico-vaginal fistula**.
- 2-To diagnose **pelvic organ prolapse**.
- 3-To expose the vaginal for fistula repair.

N.B:

Sim's speculum need assistant during examination of the vagina & the **patient should be in left lateral position** or Sim's position.



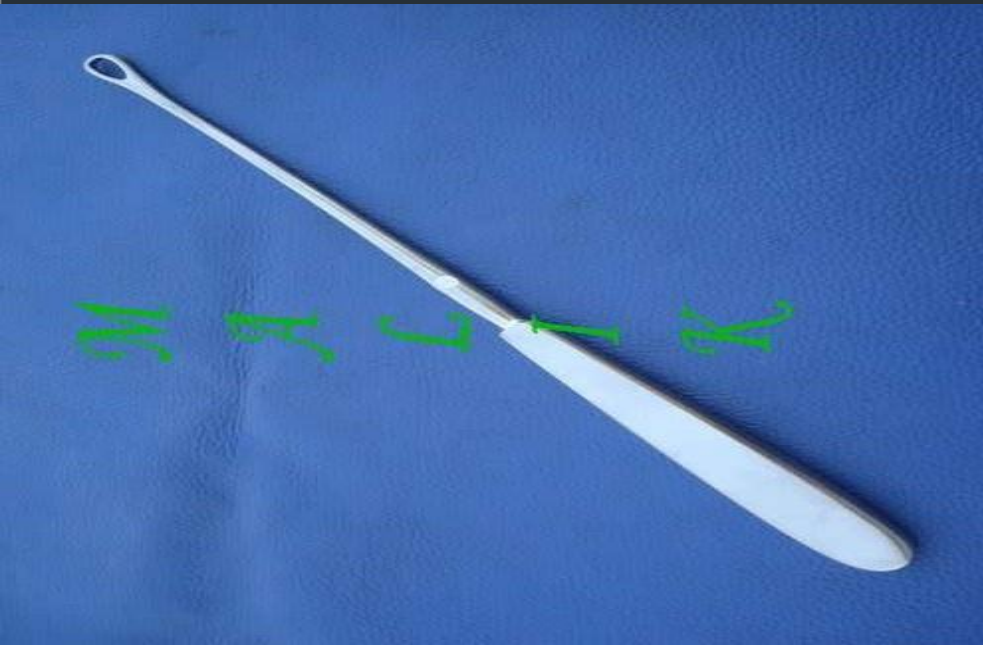
UTERINE CURETTE

Indications:

- 1 To **take an endometrial sample** in cases of abnormal vaginal bleeding
- 2 To detect ovulation in cases of infertility by detection of secretory change of endometrium
- 3 To **remove the decidua (curetage)** after evacuation in case of abortion & molar pregnancy
- 4 To **remove retained products of conception** in cases of PPH.

Complications:

- 1 **Permanent** amenorrhea & infertility due to removal of **basal layer** of endometrium.
- 2 **Asherman's syndrome.**
- 3 **Endometriosis** due to implantation of endometrial tissue in the vagina or perineal scar.
- 4 Complications of **dilatation (cervical trauma).**



UTERINE SOUND

Indications:

- 1 To measure the length of the uterine cavity.
- 2 To know the position & direction of the uterus in case of retroversion.
- 3 To differentiate between a polyp arising from the cervical canal or body of the uterus.
- 4 To measure the length of the cervical canal.

Complications:

- | | |
|------------------------------|--|
| 1-Shock due to pain. | 2-Ascending infections. |
| 3-Perforation of the uterus. | 4-Abortion if introduced into a pregnant uterus. |



HEGAR'S DILATOR

Indications:

- 1-To dilate the cervix for under GA or paracervical block:
a-induction of labour b-taking cervical biopsy c-curettage d-hysteroscopy
- 2-To diagnose cx-incompetence when Hegar's no. 8 passe easily without pain&resistant

Complications:

- 1 **Cercical trauma** that may lead to cervical incompetence ,uterine perforation.
 - 2 Bleeding due to cervical lacerations.
- ❑ There is different sizes from 3-12 mm ,no. 7-10 for curettage.

double end



Single end



RUBIN'S CANNULA

Indications:

To inject a dye into the cervix to perform hysterosalpingogram (HSG) to detect patency of Fallopian tubes in cases of infertility & also for diagnosis of: cervical incompetence ,congenital anomalies of the uterus ,Asherman's syndrome.



Ventous for vacuum delivery

- **Indication :**

1-delay second labour stage 2- fetal distress

- **Requirment :**

1- cx full dilators 2- fetal head engagment 3- good uterus contraction

- **C\I :**

1- fetal scalp bleeding 2- <34 wk g 3- malepresentation

If ventous failed don't try forecepe or repeat ventous twice



long curved forceps

■ Indications:

1_ Maternal exhaustion
3_ occipito posterior position

2_ Prolonged second stage
4_ After-coming head in breech delivery



OVUM FORCEPS

Indications:

1-To **remove products of conception.**

2-To **evacuate the uterus after abortion.**

Complications:

Perforation of the uterus.

It has no lock.



VULSELLUM FORCEPS

Indications:

- 1-To grasp the **cervical lips** to visualize the cervix or during vaginal hysterectomy .
- 2-To grasp a **fibroid polyp** during vaginal myomectomy.

N.B:

- It may be single-toothed ,double-toothed or multiple-toothed.
- Should not used during pregnancy due to risk of bleeding.
- It causes laceration of the cervix causing bleeding.



SPONGE HOLDER FORCEPS

Indications:

- 1-To hold **gauzes** during sterilization & cleaning of skin before surgery.
- 2-For removal of IUCD.
- 3-To grasp the ant. Cervical lip during removal of product of conception as vulsellum forceps causes bleeding due to high vascularity of the cervix during the pregnancy.

N.B: *It has a lock.*



KOHER'S FORCEPS

Indications:

- 1-To perform **artificial rupture of membranes** (ARM) for induction of labour.
- 2-To **hold sheaths of rectus muscle** during C-section.

N.B:

It has toothed ends ,one end with single tooth & other end with two teeth. It has a lock.



PAPICOCK FORCEPS

Indications:

To hold soft tissues like bowel ,appendix or Fallopian tubes during abdominal surgery.



PINARD'S FETO-STETHOSCOPE

Indications:

To auscultate fetal heart sound.



ALLIES'S FORCEPS

Indications:

- 1-To hold peritoneum during c-section.
- 2-To remove a cervical polyp,
- 3-During tubal ligation & abdominal hysterectomy

N.B: It has a lock & toothed ends (3 teeth on one end & 2 teeth on the other).

