

OBSTETRICS-GYNECOLOGY SURGICAL INSTRUMENTS & DRUGS

Sponge Holding Forceps



USES-

- Apply antiseptic solution at operative site
- Swab out cavities
- To apply pressure with sponge on bleeding points for hemostasis
- Blunt dissection-pushing down the bladder
- To hold pregnant cervix-

Cervical tear exploration/repair

Cerclage

- To evacuate products of conception

Bard-Parker's handle



USES

- Blade is loaded on to the handle

Needle Holder



USES

To grip the curved needle for suturing at $2/3^{\text{rd}}$ distance from the tip of the needle so that

- Maximum possible distance is traversed
- Reduced chance of bending/snapping

Babcock's
Forceps-
straight and
rt angled



USES

To hold soft and tubular structures

- Fallopian tube-tubal ligation,tuboplasty,EP
- Ureter-radical hysterectomy
- Ovary –conservative sx
- Lymph nodes-radical hysterectomy
- Bowel ,bladder-injury

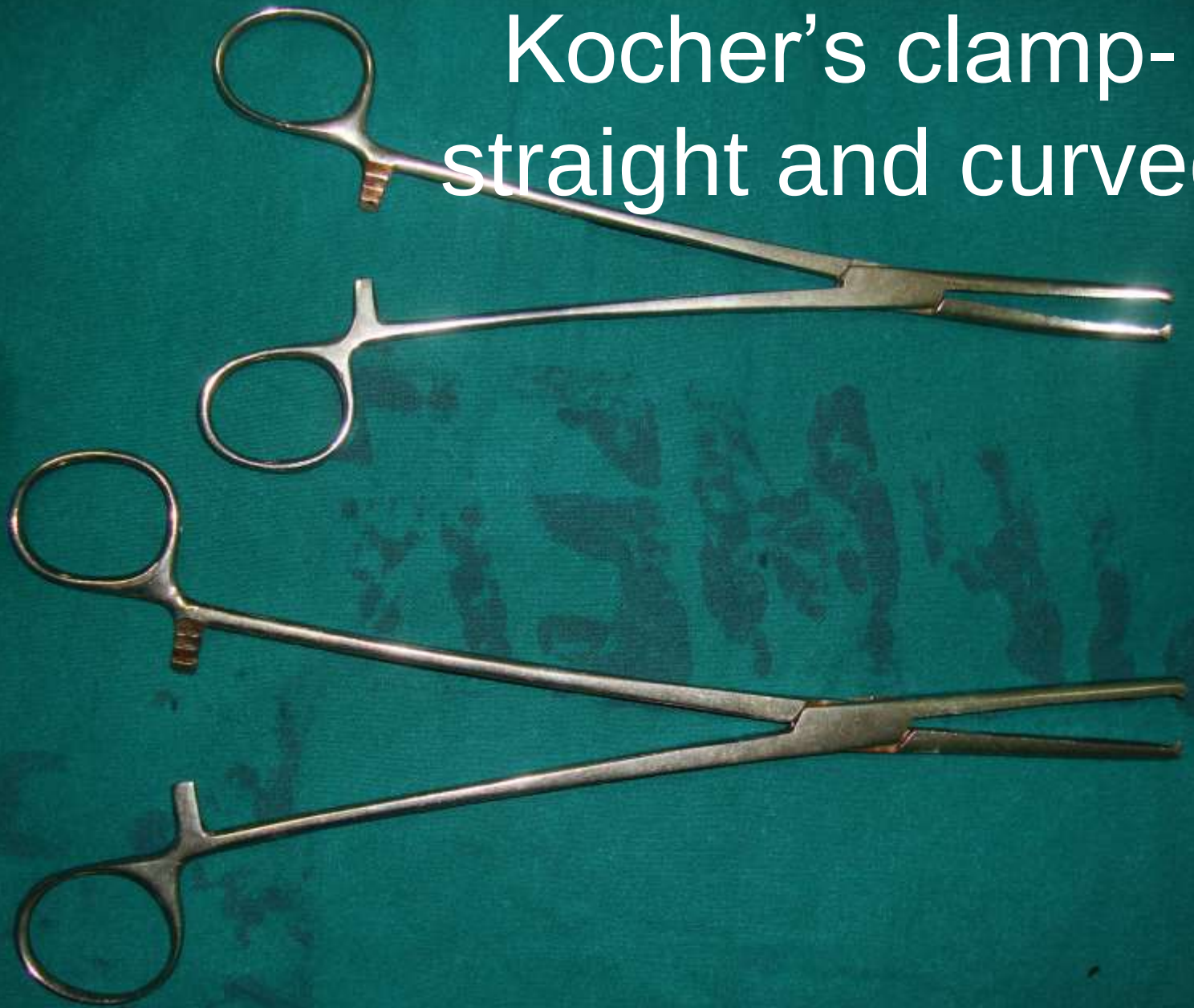
Allis Forceps-long and small



USES

- To hold the rectus sheath-abd sx
- To catch vaginal walls-vaginal hysterectomy ,PFR,vault closure
- To catch anal sphincter in 3&4° perineal tear
- To hold small fibroid
- To hold the edges of uterine incision in CS
- To hold the skin when previous scar is removed

Kocher's clamp- straight and curved



USES

- ARM
- To hold the upper pedicles of the uterus during abdominal hysterectomy-for mobilisation
- To clamp umbilical cord after delivery

Heaney's clamp



USES

- As a pedicle clamp during hysterectomy
- Clamp the pedicles of ovarian tumors/pedunculated fibroids
- To clamp cardinal ligaments in manchester repair
- removal of tubal EP

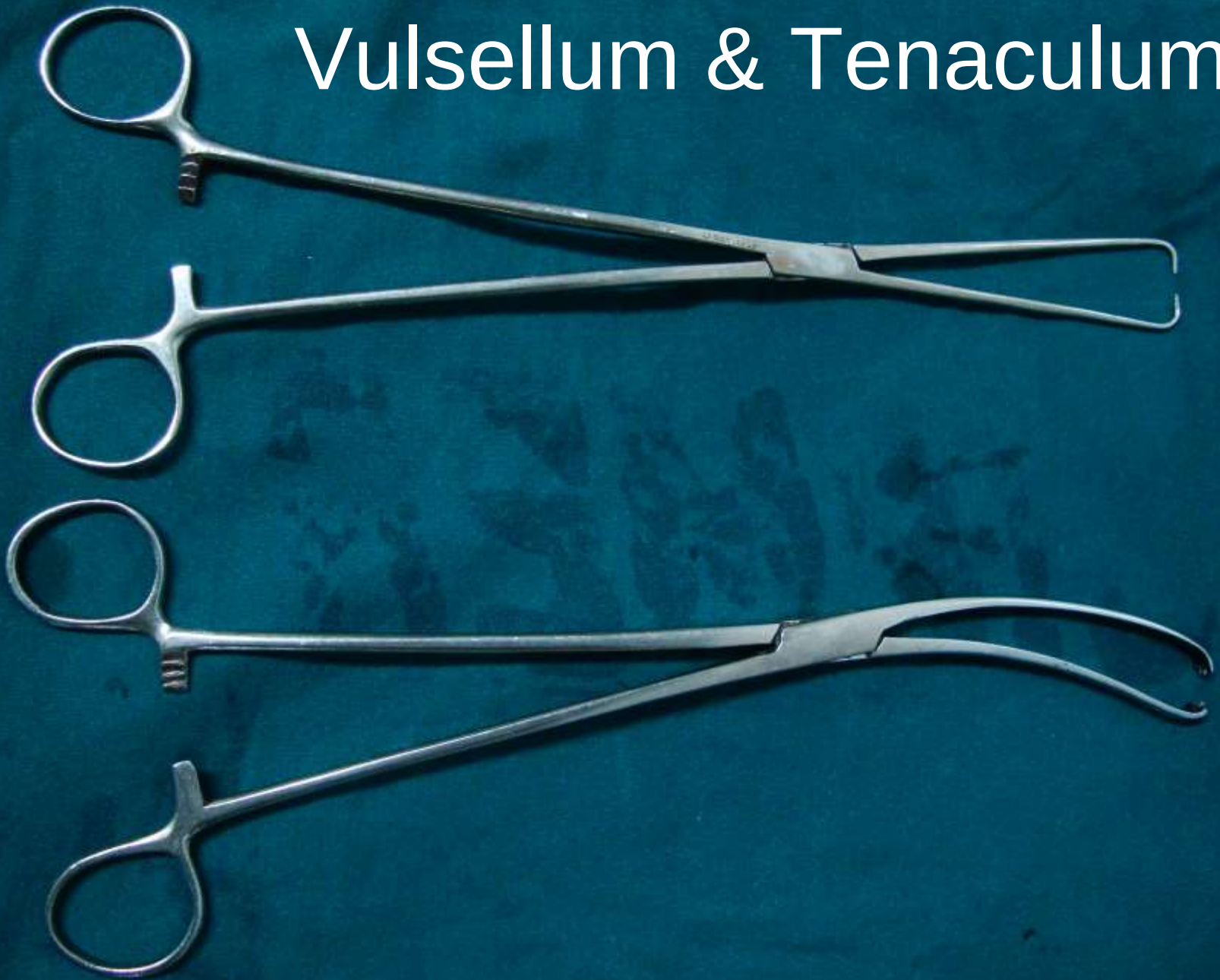
Dissecting forceps toothed and non toothed



USES

- Toothless forceps –used to hold soft tissues –peritoneum, muscles
- Toothed forceps-tough structures such as –skin edges, rectus sheath, vaginal walls
- Hold the needles when tissue bites are taken during suturing

Vulsellum & Tenaculum



Teal's Vulsellum



USES

- To catch the anterior lip of the cervix during gyne procedures-
EB,D&C,FC,vaginal
hysterectomy.manchester,IUCD insertion
- To test the degree of descent of uterus by traction
- To catch posterior lip of cervix to open
POD –vaginal hysterectomy,colpotomy-
pelvic abscess ,TVT,culdocentesis

Jarcho's Tenaculum



USES

- Single toothed vulsellum
 - Occupies less space –suited for nulliparous cervix with pinhole os
 - Can be applied transversely just above A lip of cervix
- HSG/Chromotubation
- Vaginal hysterectomy



Cusco's Bivalved
Self-retaining
Vaginal Speculum

USES

- Inspection of cervix
- To take swab/smear /cervix biopsy/colposcopy

Sim's
single/double
bladed
Speculum



USES

- To inspect cervix
- To perform minor procedures over the cervix
- To carry out small procedures through the cervix-EB, hysteroscopy, IUCD removal and insertion, HSG, D&C
- Major Sx
- To diagnose ROM

Towel Clips(Doyen' s cross action towel clip)



USES

- Fix drapes in abd and vaginal surgery to isolate operative field to prevent contamination
- To fix suction tube or other cords/wires in position during sx

Simpson's Graduated olive tipped Metallic Uterine Sound



USES

- To know the direction and length of the uterocervical canal prior to DC,IUCD insertion
- To check for displaced IUCD /Check Xray
- To differentiate between inversion of uterus and fibroid polyp.

Hegar's Dilators



USES

Only dilatation

- Drainage of pyo/haematometra
- 1 dysmenorrhoea
- Cervical stenosis
- Retrograde dilatation in el LSCS

Dilatation and some procedures

- D&C,SE,D&E
- Manchester repair
- For hysteroscopy
- Diagnosis of cervical incompetence

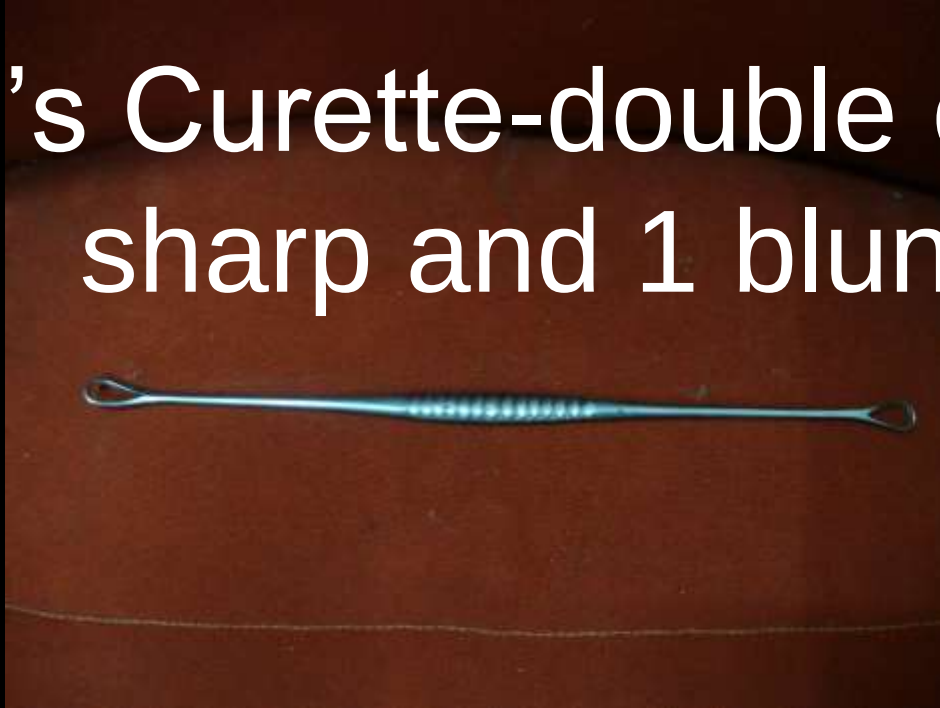
Sim's Anterior Vaginal Wall Retractor



USES

- Along with Sims speculum
- Uses same as Sims speculum
- Can be used as blunt curette for evacuating RPOC

Blake's Curette-double ended 1 sharp and 1 blunt



SIMS
SINGLE
ENDED
CURETTE



USES

- D&C
- D&E

Retractors



USES

- Widens the operative field at the surface
- Gives better exposure and assessment of deeper structures
- Prevents undue handling and injury to the organ retracted
- Causes pressure hemostasis of the tissue retracted



Langenbeck
retractor



USES

Retract abdominal wall

- Tubectomy operation

Doyen's Retractor



USES

Retract abdominal wall

- LSCS
- any laparotomy in obstetric patient
- Obstetric Hysterectomy



Cherney's
retractor



USES

- Retract skin and subcutaneous tissue in abdominal operations to visualise the angles and edges of cut peritoneum and sheath when they are sutured

MORRIS RETRACTOR



USES

- Retract abdominal wall

Deaver's retractor



USES

Retract abdominal wall

- Abdominal hysterectomy

Landon's retractor



USES

- To retract the bladder during vaginal hysterectomy
- As lateral vaginal wall retractor

Spencer-Well's Artery Forceps

small/long, straight/curved



USES

- To catch bleeding points before ligating/cauterizing
- To hold peritoneum
- To hold end of suture
- To secure abdominal pack by catching a long tape stitched to one corner of the pack

Yaunker's Suction Cannula



USES

- Suction blood accumulating in abd/vag surgery

Female Metal Catheter



USES

Adv

- Easily sterilised by boiling and can be used repeatedly

Disadv

- More traumatic
- Urethral laceration
- More irritant

Red Rubber Catheter



USES

- Before instrumental delivery
- Atonic PPH
- Retention of urine
- To measure residual urine
- Tourniquet in myomectomy
- To give oxygen to the mother
- To do suction-eclampsia

SELF RETAINING CATHETERS

1.FOLEY'S

2.MALECOT'S

Foley's Catheter



USES

- Postoperatively –vaginal/abd hysterectomy,manchester repair,CS,VVF repair,SI repair,obstructed labour,rupture uterus
- Preop-VVF
- Retention of urine-fibroid,ov tumor,RV gravid uterus
- During kelly's repair for SI
- 2nd trimester MTP-extramniotic ethacridine lactate
- Cervical ripening
- Eclampsia,shock-to know U output

Mallecot's Catheter



USES

- Post operative drainage
- Suprapubic catheter



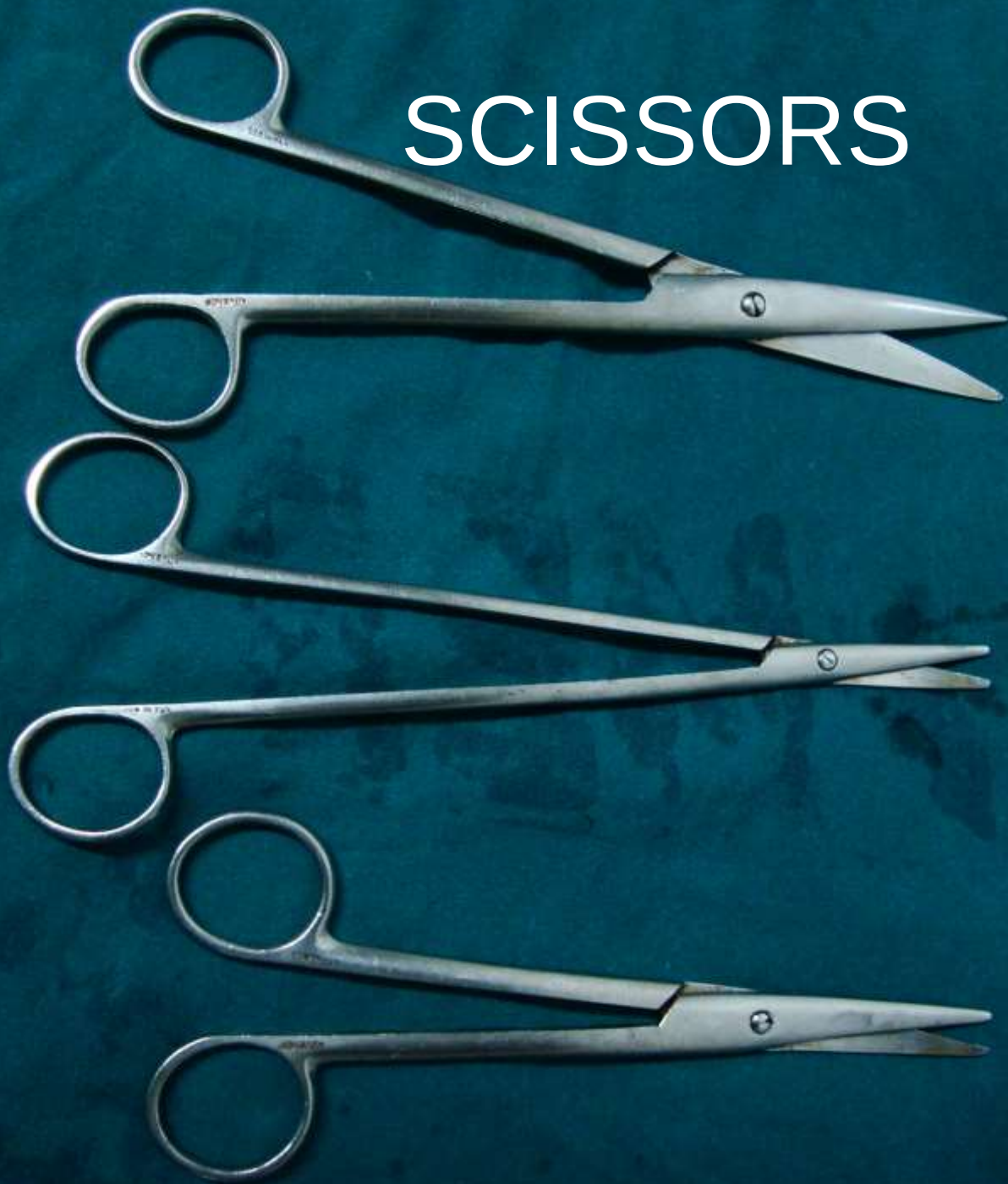
Green-Armytage Forceps



USES

- LSCS-To catch edges and angles of uterine incision
- Can be used to hold cervix-exploration /suturing of tears

SCISSORS



Mayo's Scissor



USES

- To cut tough tissues-rectus sheath
,mackenrodt's ligament,vagina

Metzenbaum's Scissor



USES

- To cut soft tissues-peritoneum, leaves of broad ligament ,uv fold

Doyen's Myoma Screw



USES

- During myomectomy
- Used to hold and steady the big sized uterus during abdominal hysterectomy

Leech-Wilkinson Cannula



USES

- Chromotubation
- HSG

Ayre's Spatula



USES

- PAP smear

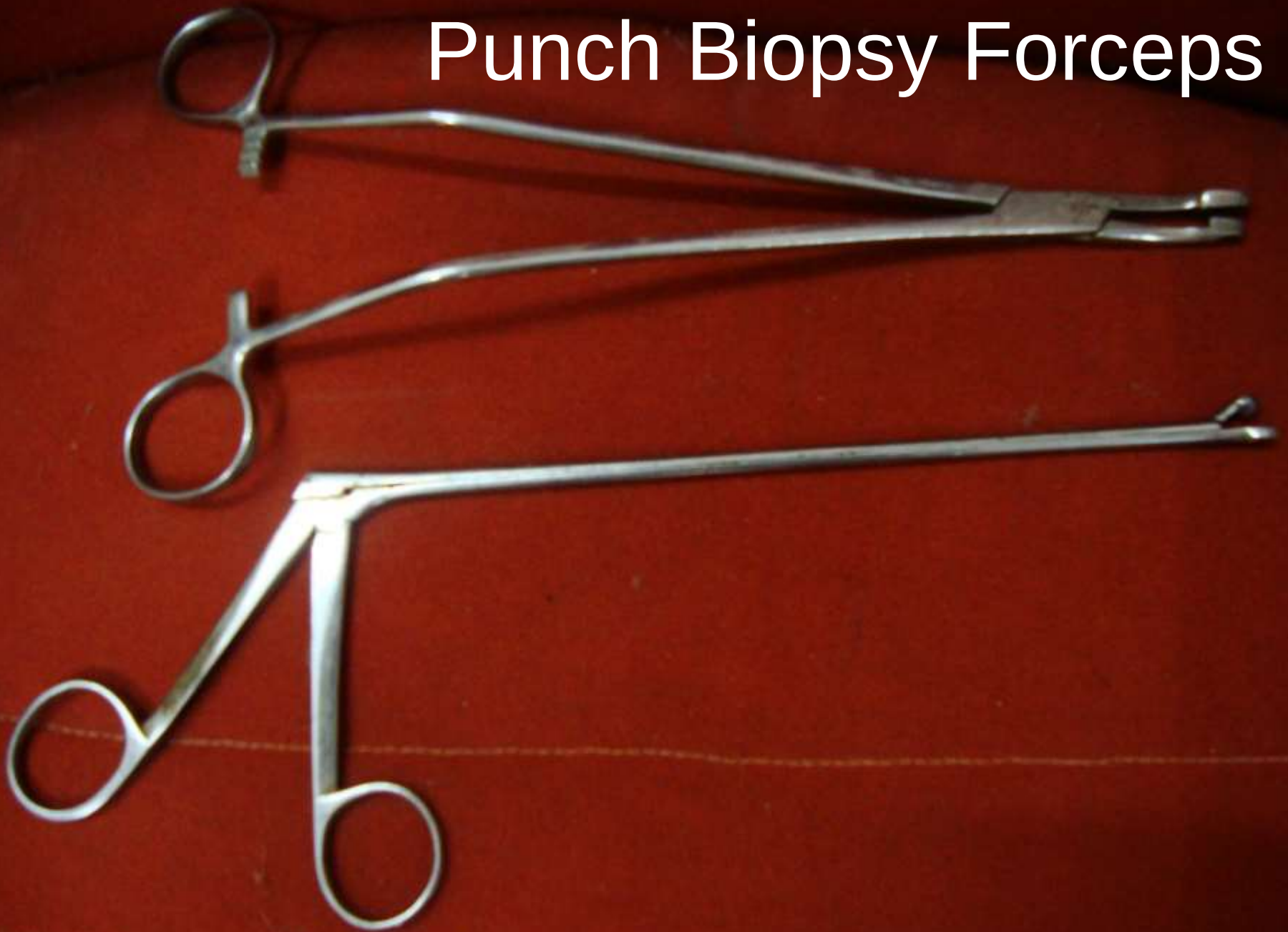
SHIRODKAR Hook MIYA HOOK



USES

- SHIRODKAR-SLING SURGERY
- MIYA-Sacrospinous fixation

Punch Biopsy Forceps



USES

Used to take cervix biopsy

- For diagnosis of suspected cervical carcinoma

Willet's Scalp Traction



USES

- IUD-placenta praevia scalp traction to reduce bleeding

Pinard's Fetal stethoscope



USES

- Wide mouthed end is the fetal end and the narrow end is the aural end
- Heard from 24 weeks



Episiotomy Scissors

USES

- Used to give episiotomy during labour
- Usually 3-4 cm long cut is made from fourchette to 30 to 45° mediolaterally

Forceps



Wrigley's Outlet forceps



Simpson 's Low forceps



Vacuum



DRUGS



Magnesium Sulphate-1 gm/2 ml

USES

- Anticonvulsant in eclampsia
- Prophylactic in severe/imm eclampsia to prevent eclampsia
- As tocolytic to arrest preterm labour



Methyl Ergometrine
0.2 mg/ml

USES

- PPH-prevention and treatment
- LSCS-after the baby has delivered
- Control of post abortal bleeding



Oxytocin-5u/ml

USES

- IOL
- Augmentation of labour
- PPH
- To control post abortal/ v mole evacuation bleeding
- In LSCS after the fetus has delivered

USES

- Prophylactic –to prevent PPH-125ug
- To treat PPH-250ug

Dinoprostone



USES

- Preinduction cervical ripening
- 0.5mg -2 doses 6 hours apart

Misoprostol



USES

- Preinduction cervical ripening
- Augmentation of labour
- PPH-treatment
- 2nd trimester MTP

FAMILY PLANNING

Condom



USES

- Contraception
- TVS-applied over the vaginal probe
- For preparation of mould in vaginoplasty
- Prevent STI
- Reduce HPV infection there by cervical cancer
- Condom pack to stop bleeding

OCP



Levonorgestrel & Ethinylestradiol Tablets I.P.
with Ferrous Fumarate Tablets

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21 Tablets

DESOGESTREL AND ETHINYLESTRADIOL TABLETS

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Each uncoated tablet contains

Desogestrel B.P. 0.15 mg

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USES

- Contraception
- Regularisation of menstrual cycles
- DUB
- Endometriosis
- Primary dysmenorrhoea
- Suppression of functional ovarian cysts
- Amenorrhoea-to test for withdrawal bleeding

Copper T



USES

- Contraception
- After adhesiolysis in ashermann's syndrome-to prevent refusion of walls
- Emergency contraception

Implanon



Laparoscopic sterilisation equipment



Verres Needle



Laparoscope



Falope Ring Applicator/laparocator



Procedure

- Verres needle-To create pneumoperitoneum with CO₂-removed
- Trocar with cannula introduced-trocar removed
- Laparoscope introduced
- Falope ring applicator introduced through another port
- Clip applied at isthmus part of the tube

MR syringe and Karman's Cannula



USES

- Menstrual regulation-upto 6 weeks

Ovum Forceps



USES

To evacuate POC in D&E

- MTP-1st trimester
- Missed/incomplete/inevitable
- Vesicular mole evacuation
- Retained placental bits-2^o PPH

BONY PELVIS AND FETAL SKULL

SPECIMENS

Simple serous Cyst Ovary



Anencephaly



Papillary serous Cyst Ovary



Displaced Lippe's Loop



Teratoma



Ectopic Pregnancy



Fibroid Cervix



Submucous Fibroid Uterus



Adenomyosis



Solid ovarian tumor



Mucinous Cyst Ovary



Cervical Polyp



Rupture Uterus



Vesicular Mole



Elongation of Cervix



Carcinoma Endometrium



Carcinoma Cervix



Succenturiate Lobe of Placenta

