

# Hand instruments

Dr. Md. Ashek Mahmud Ferdous.

FCPS (SURGERY).

MS (Colorectal Surgery)

FISCP (INDIA)

Assistant Professor (Colorectal Surgery)

Mymensingh Medical College.



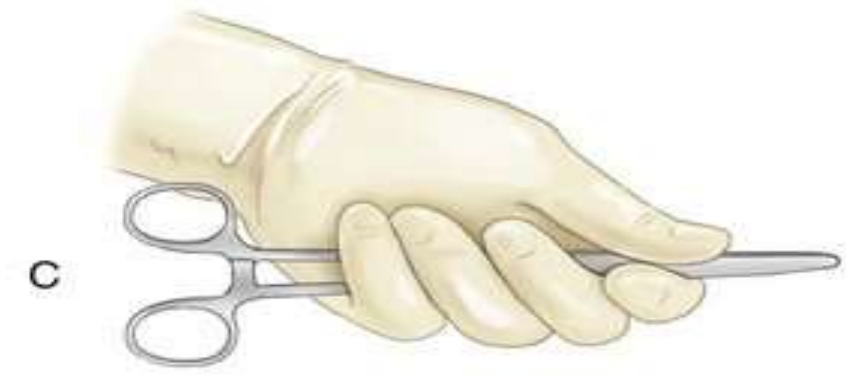
A

Finger grip



B

Palmar grip



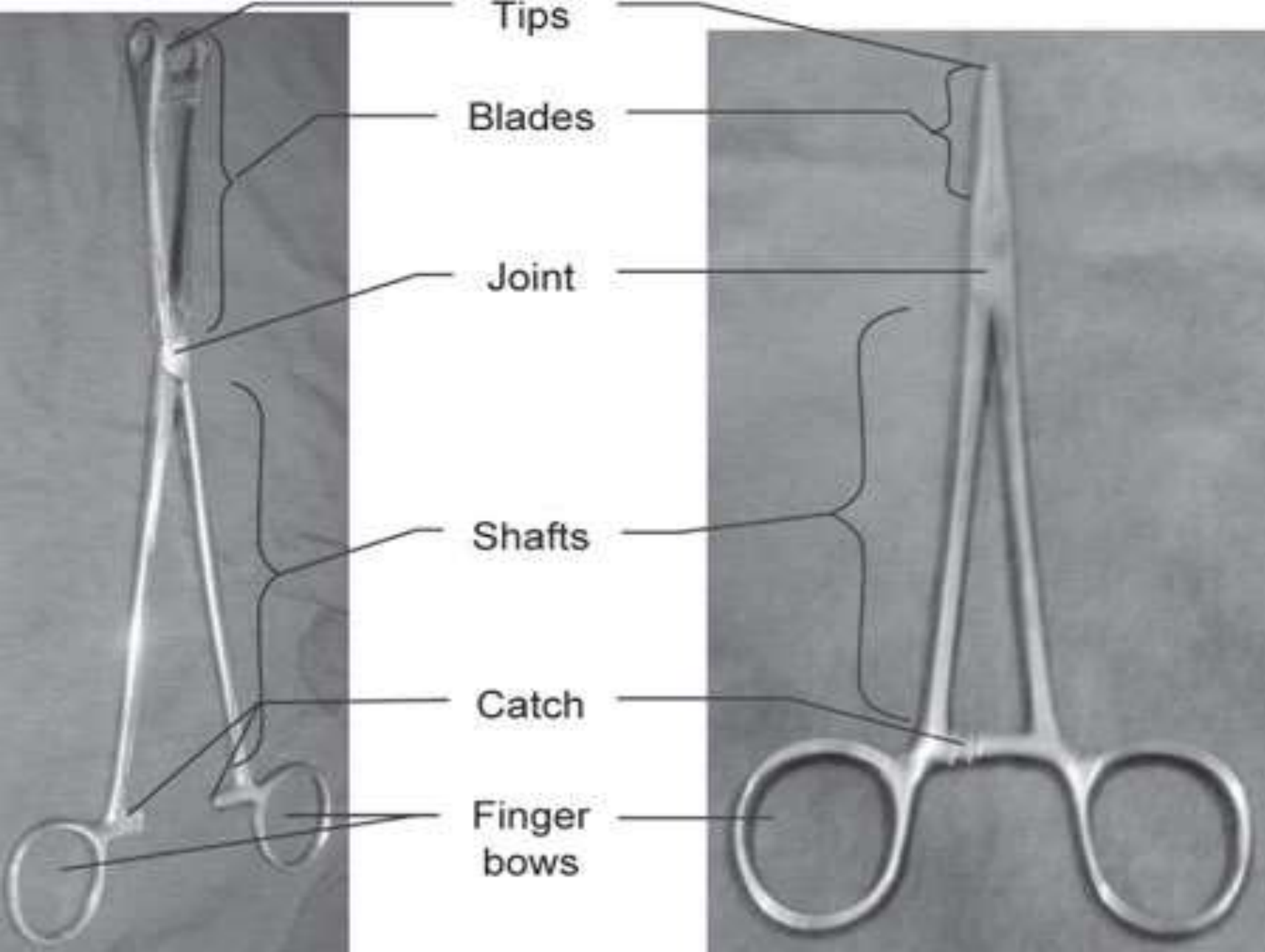
C

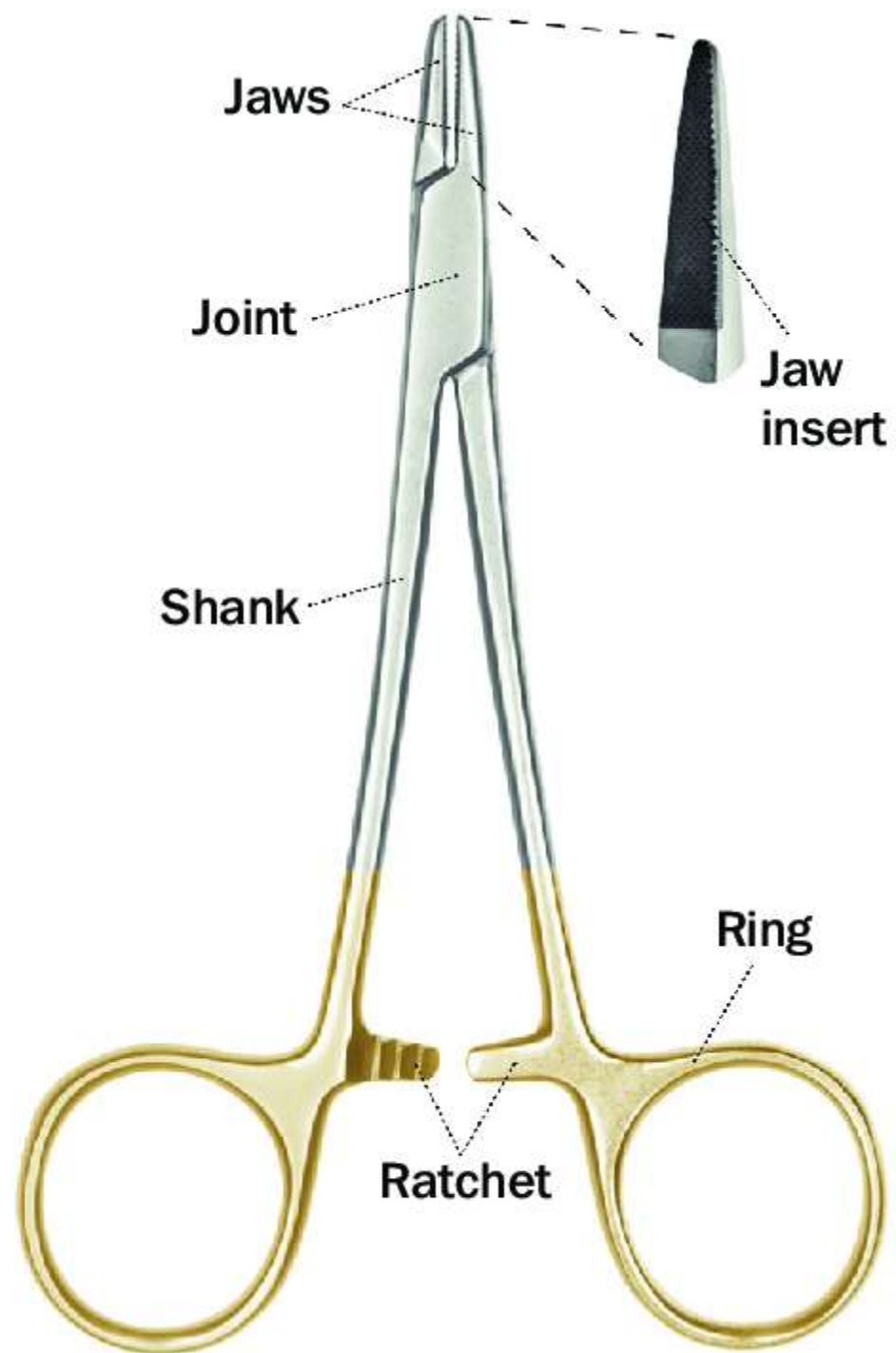
Power grip

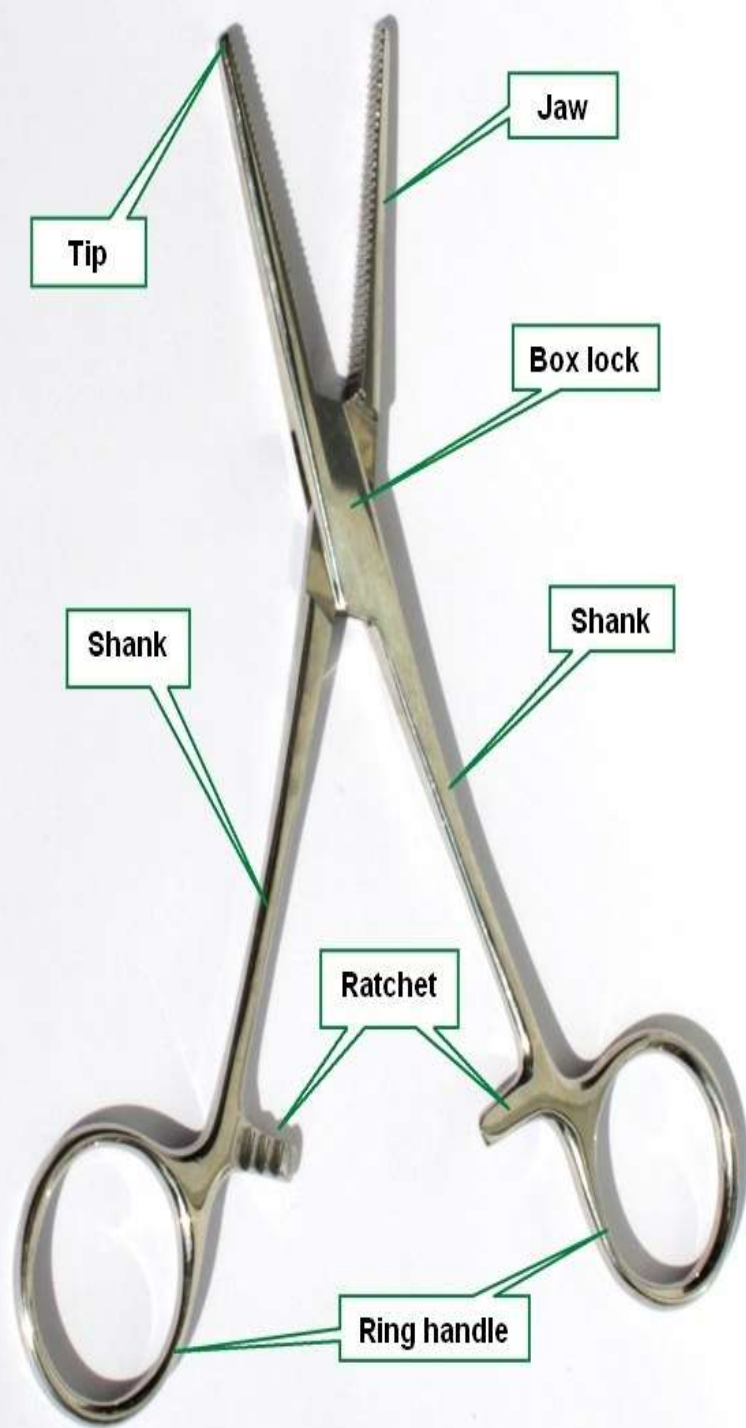


D

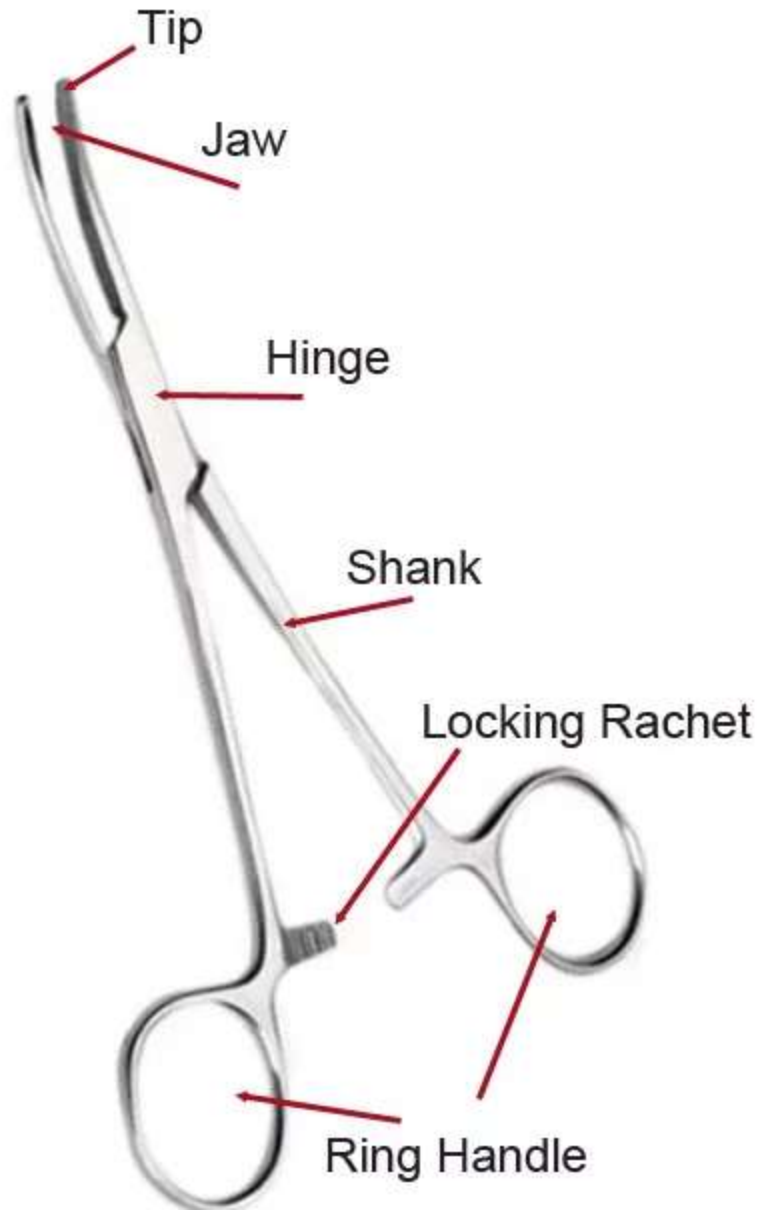
Pen holding manner



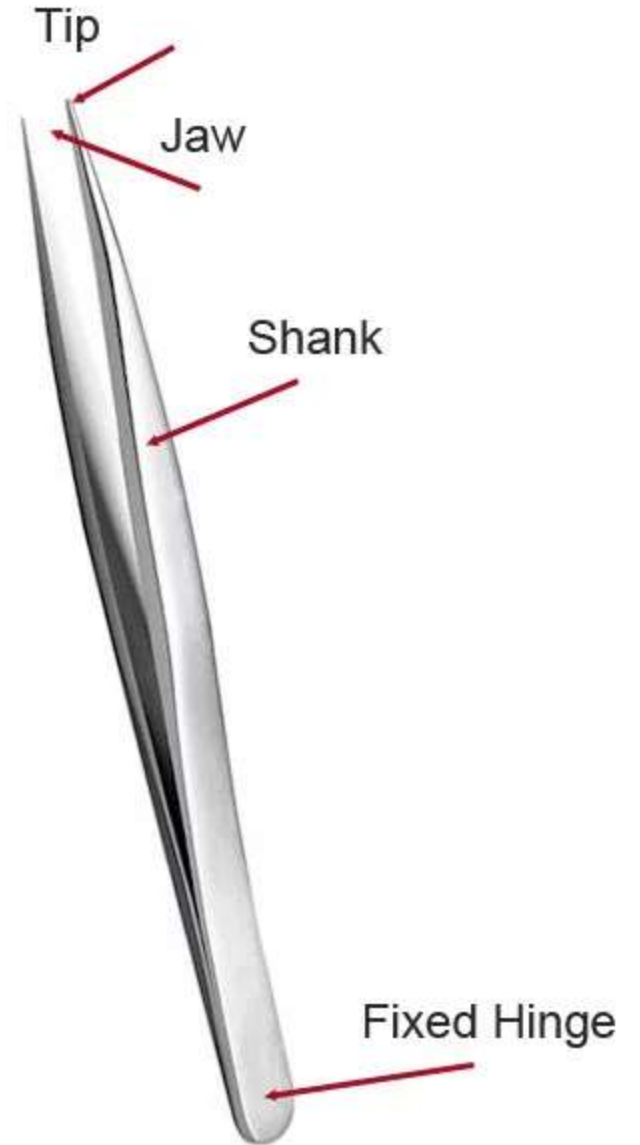




# Scissor Type



# Tweezer Style









## Doyen's Retractor



## Deaver's Retractor

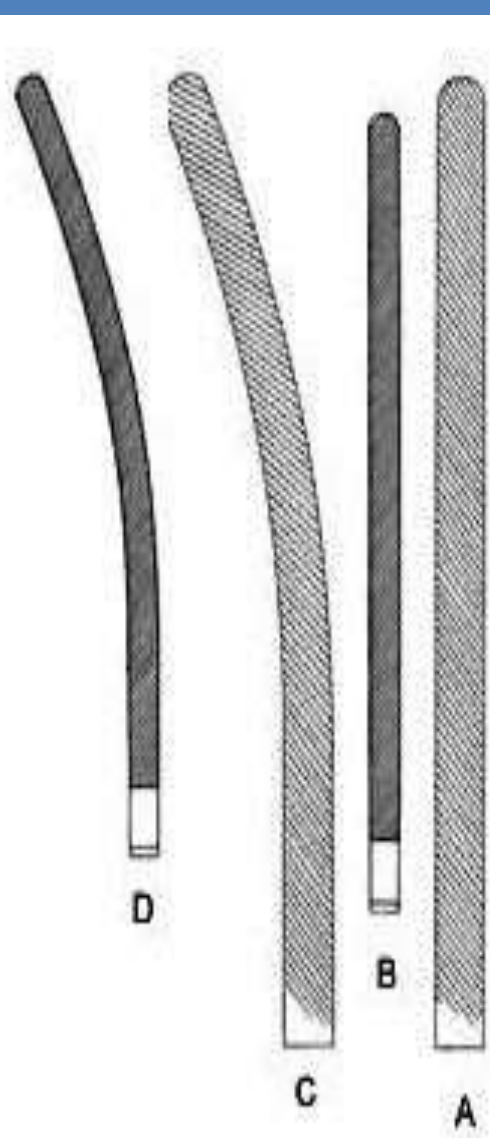


for retraction of deep structures

## Right Angle Retractor



bladder retractor during LCS/hysterectomy



Occlusive variety.  
Crushing variety.

Straight.  
Curved.

# Functions-

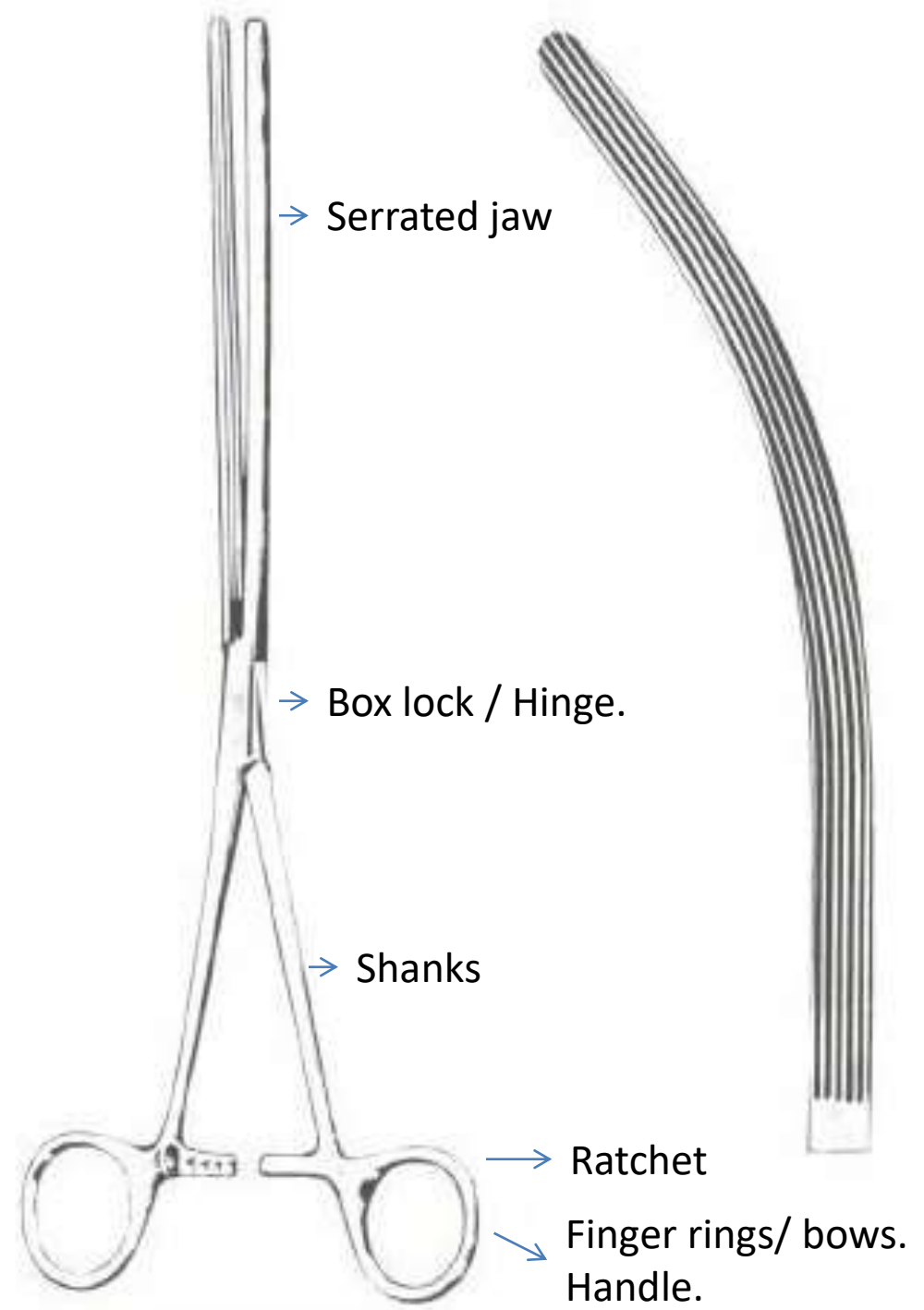
- Occlusion.
- Haemostasis.
- Apposition.

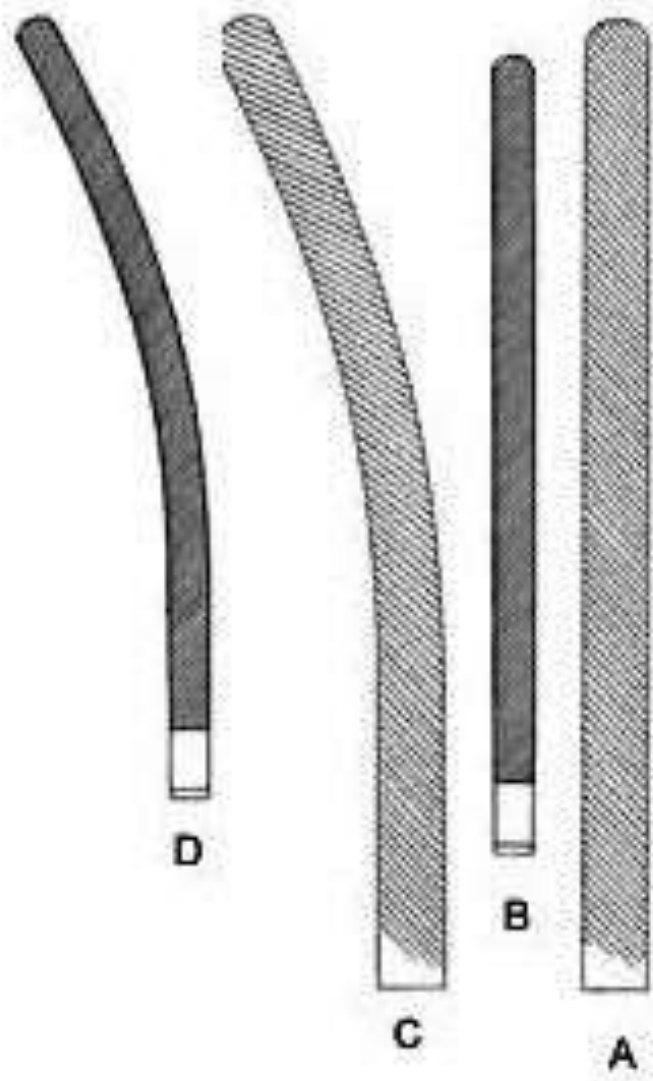
## Sterilization-

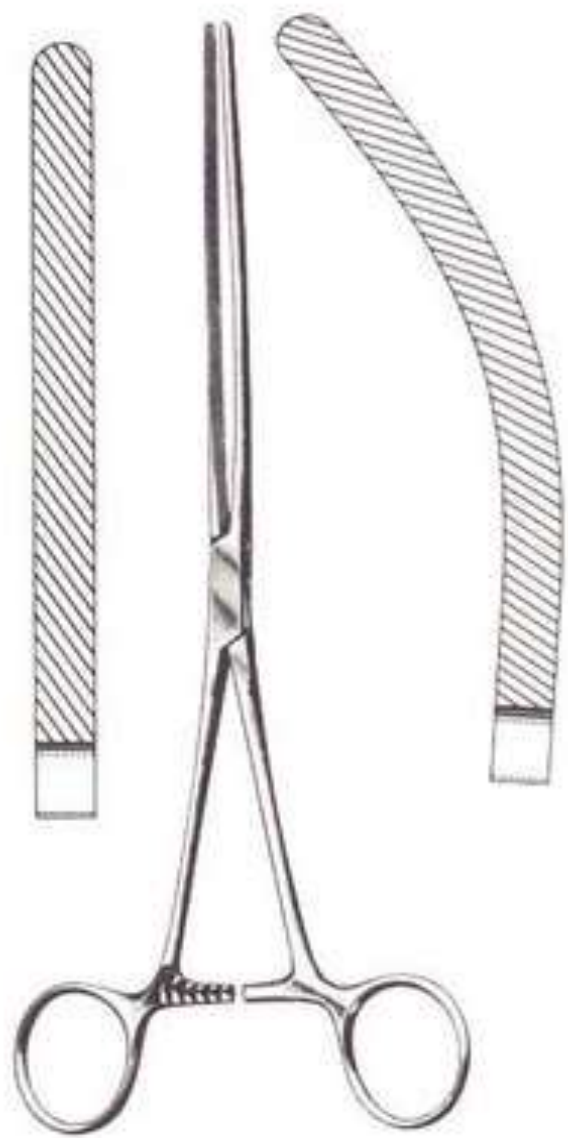
- Autoclaving.



Resected end- Crushing variety.  
Remaining segment- Occlusive.





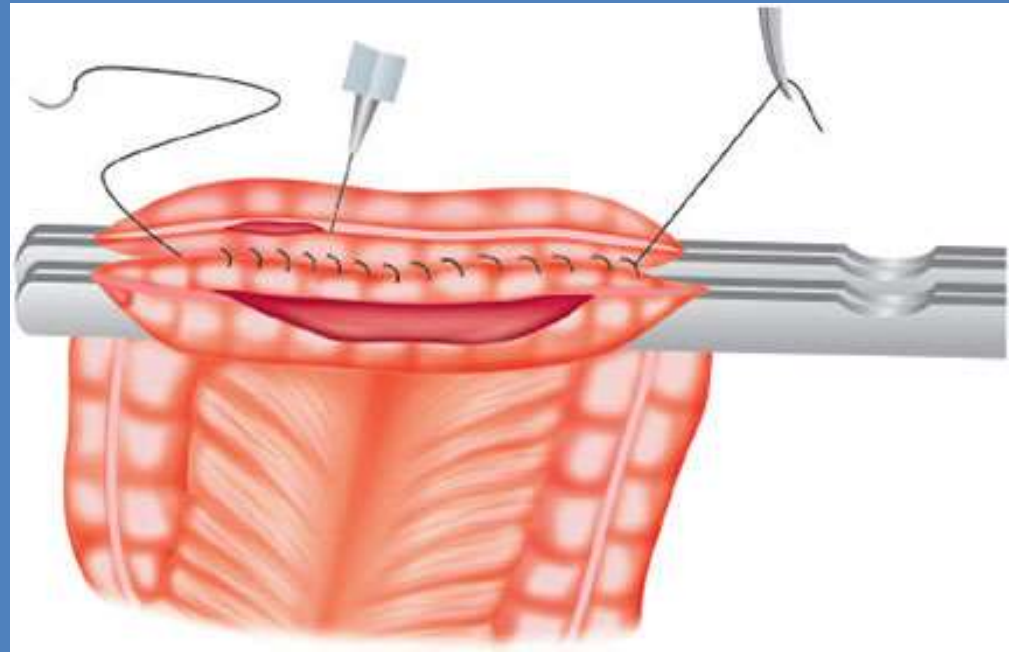
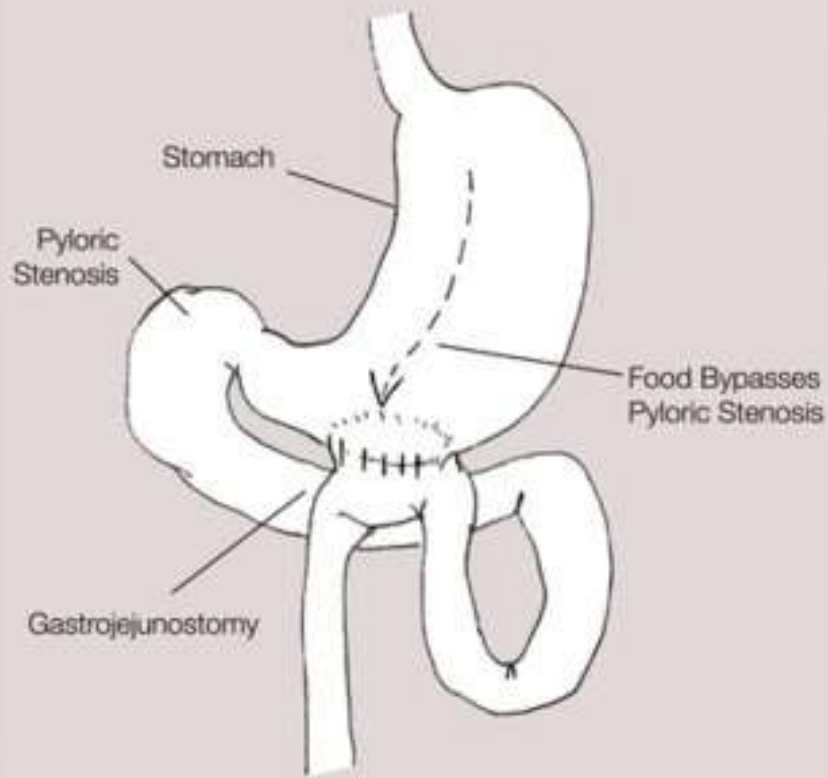




Stomach, screw, surgeon.

### Functions-

- Occlusion.
- Haemostasis.
- Fixation.
- Apposition.







DRE-

- Depends upon length of the finger.
- Upto 7 cm.
- With straining 12 cm.



**I**



**II**



**III**



**IV**

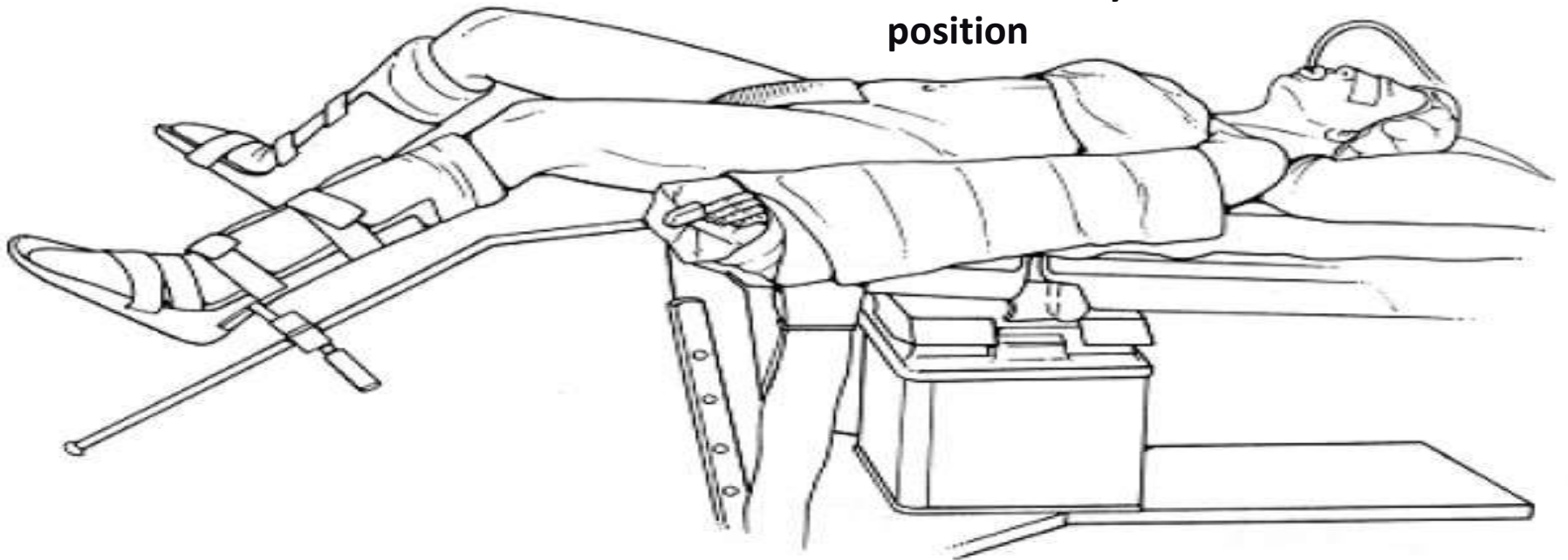
## Positions-

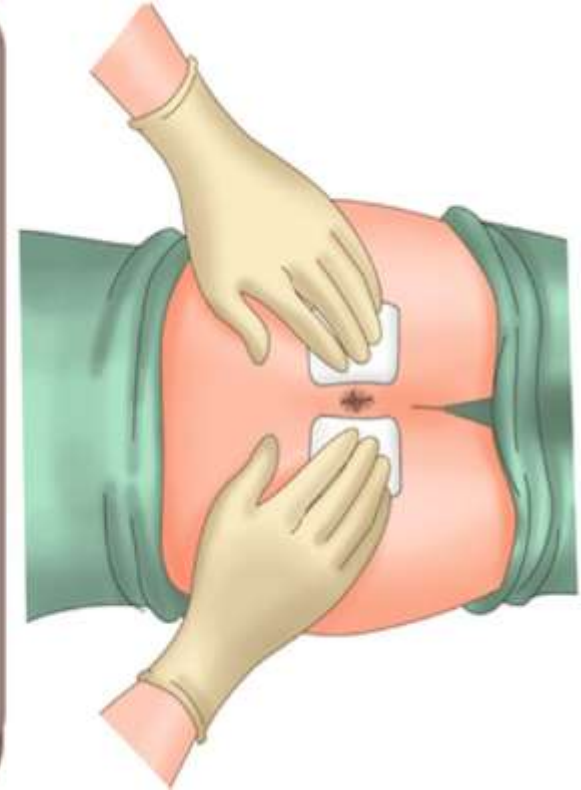
- Left lateral.
- Right lateral.
- Dorsal position.
- Knee-elbow.
- Lithotomy.
- Standing.

# ***Lithotomy position***



## **Modified Lithotomy position**





## Left lateral position-

- Sim's position.
- Knee flexed, hip flexed.
- Buttock at the corner of the bed.
- Right index finger.
- Push over postanal region.
- Relaxes puborectalis, straightens rectum & anal canal.



# Proctoscope

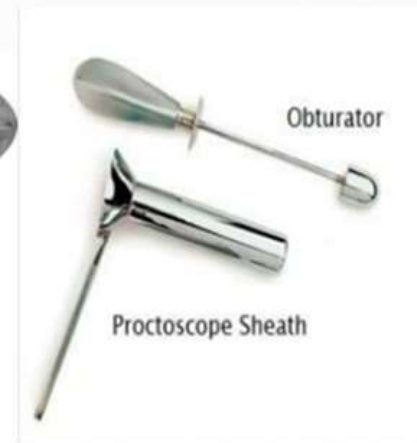
## Parts-

- Outer sheath with a handle.
- Inner obturator.

## Types-

- Illuminating.
- Non illuminating.

## Proctoscope:



# Length

- Depends upon the length of proctoscope.
- Upto 12 cm.



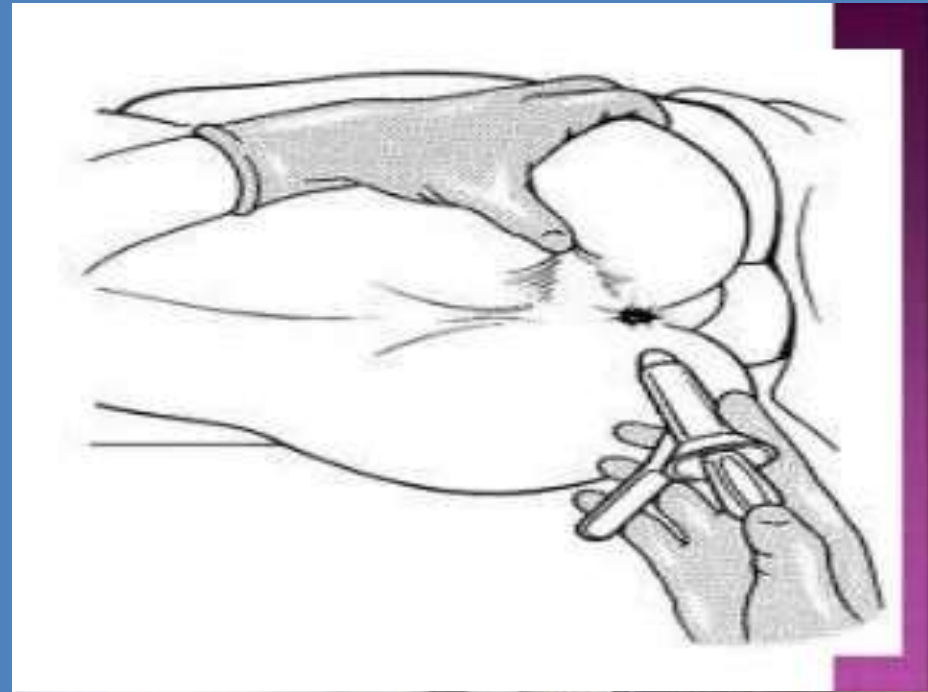
# Indications

## Diagnostic-

- Haemorrhoids.
- Fissure.
- Fistula.
- Polyp.
- Biopsy.
- Stricture.

## Therapeutic-

- Sclerotherapy.
- Polypectomy.
- RBL.



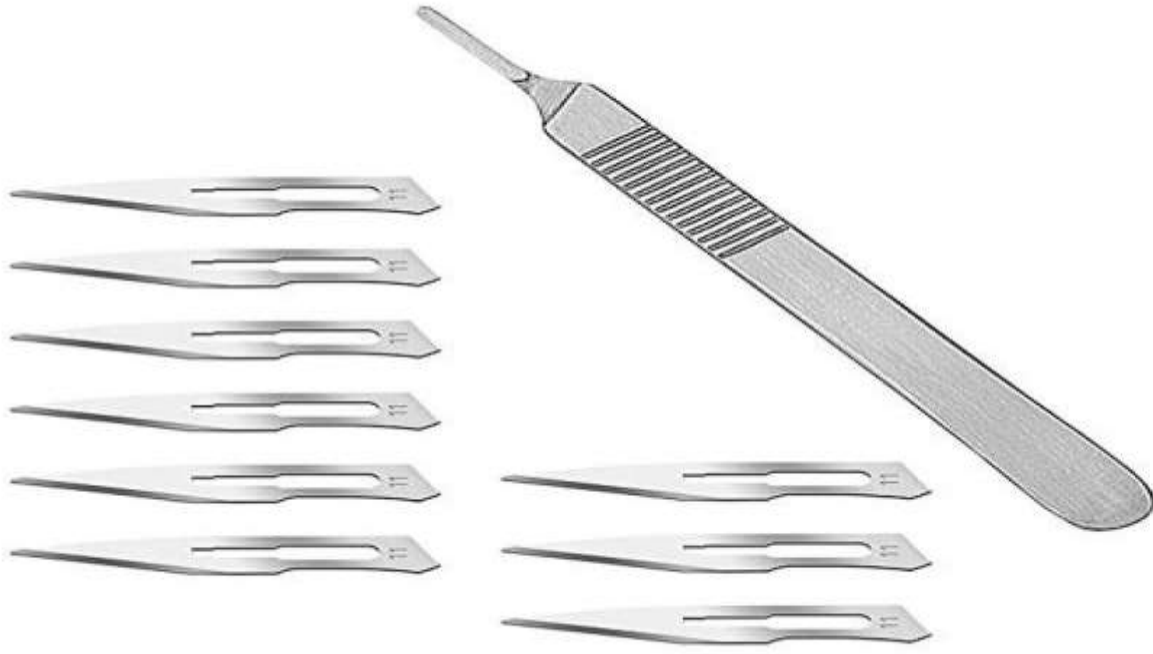


# Complications

- Pain.
- Bleeding.
- Thrombosis.
- Prolapse.
- Ulceration.
- Abscess formation.
- Portal pyemia (rare).

## Contraindication-

- Painful anal condition.







**A**

Pencil grip



**B**

Power grip



A

Finger tip grip



B

Pen holding manner





[www.Ferdauscolorectalcare.info](http://www.Ferdauscolorectalcare.info)

