



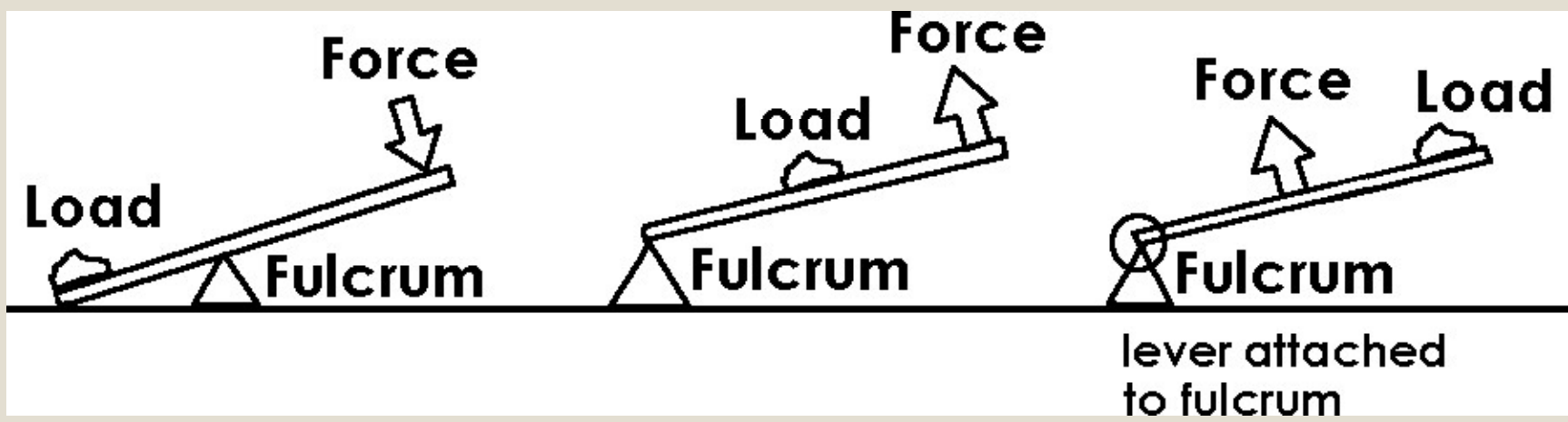
RAMA
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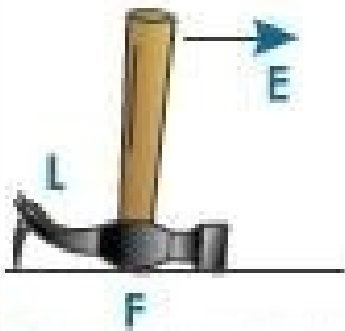
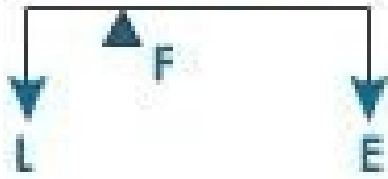
FACULTY OF NURSING

BASIC SURGICAL INSTRUMENTS

FROM : ANWAR SHAHJAD
M.SC NURSING MSN (LECTURER)

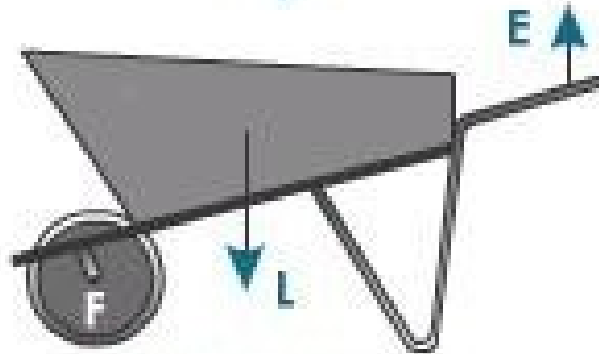
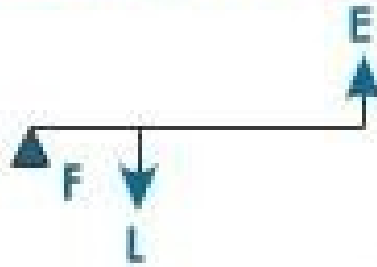


FIRST ORDER



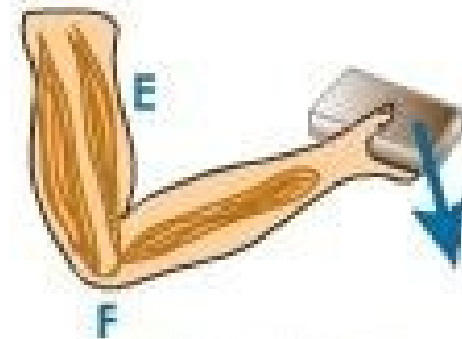
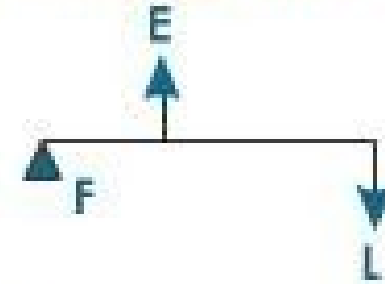
Claw hammer

SECOND ORDER

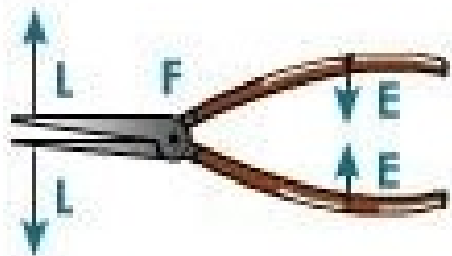


Wheel barrow

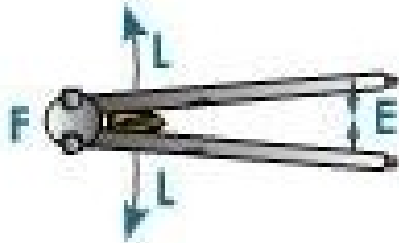
THIRD ORDER



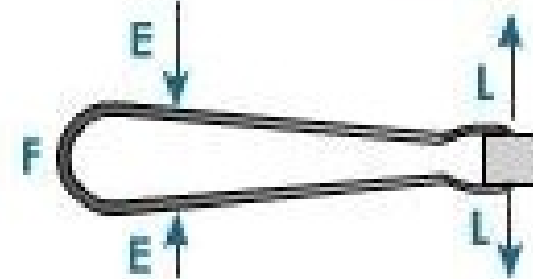
Human arm



Pliers



Nut-cracker



Sugar tongs

Blades Jaws

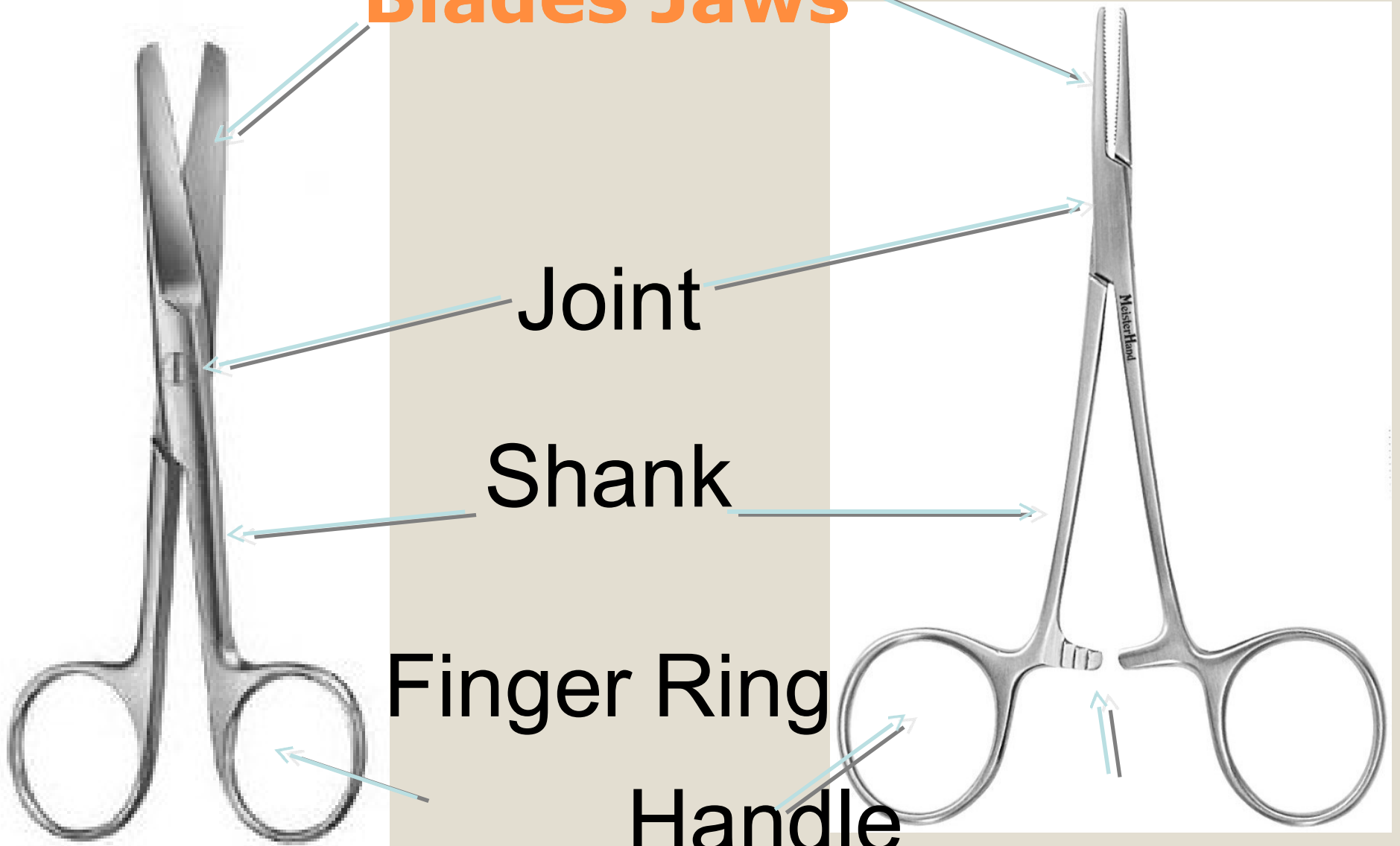
Joint

Shank

Finger Ring

Handle

Ratchet



forcep

s



Sponge Forceps



- π Used to hold gauze squares or sponge to “mop up” the surgical site
- π Jaws are serrated



1x2 Toothed Tissue

- Used for grasping and holding tissue, muscle or skin surrounding a wound
- Single toothed on one side; fits between two teeth on the other side
- Available as 1x2 or 2x3 or 3x4

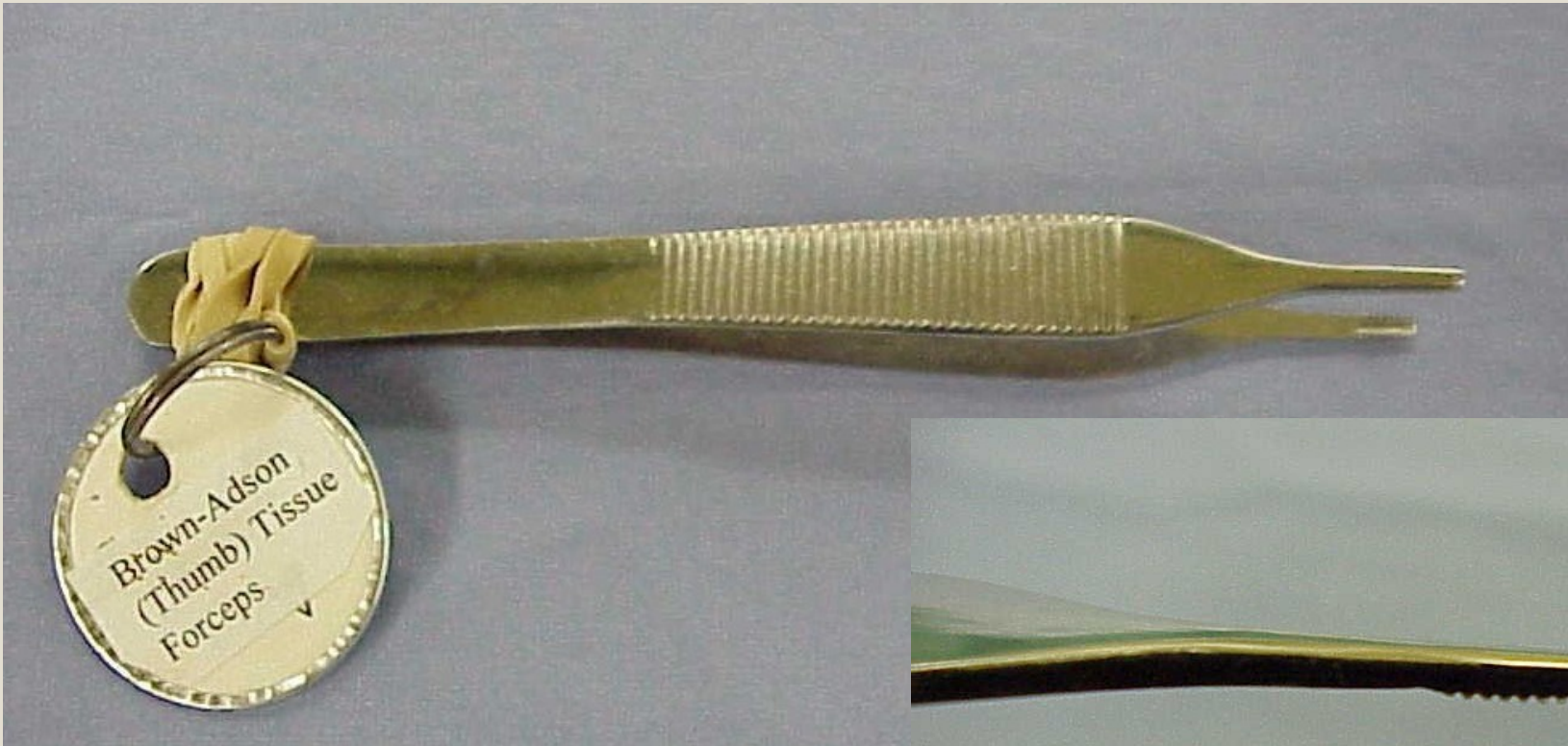
Forceps



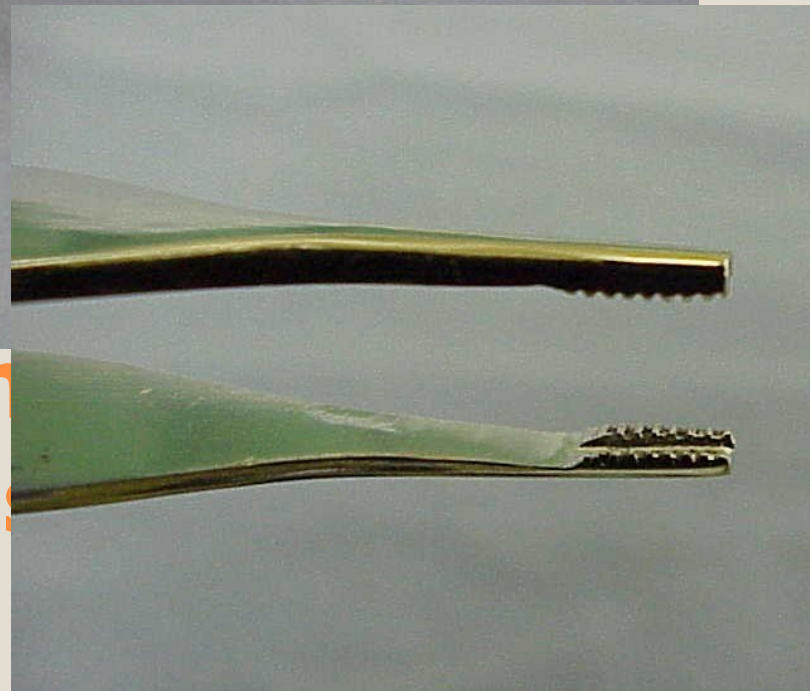
Plain Thumb Forceps

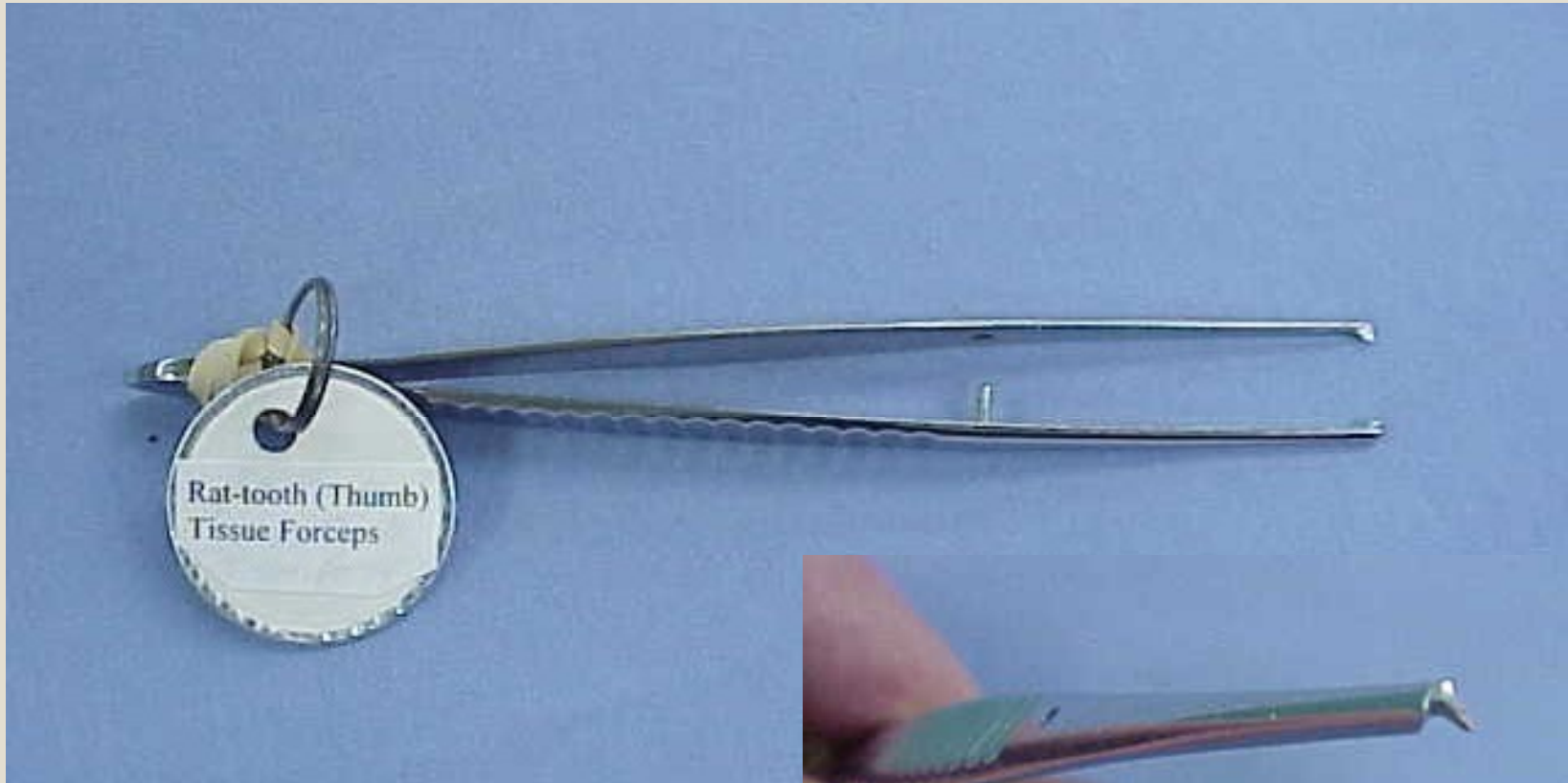


- Used to hold tissue in place when applying sutures
- Used to gently move tissues out of the way during exploratory surgery
- Used to insert packing into or remove objects from deep cavities



Brown-Adson (thumb) tissue forceps

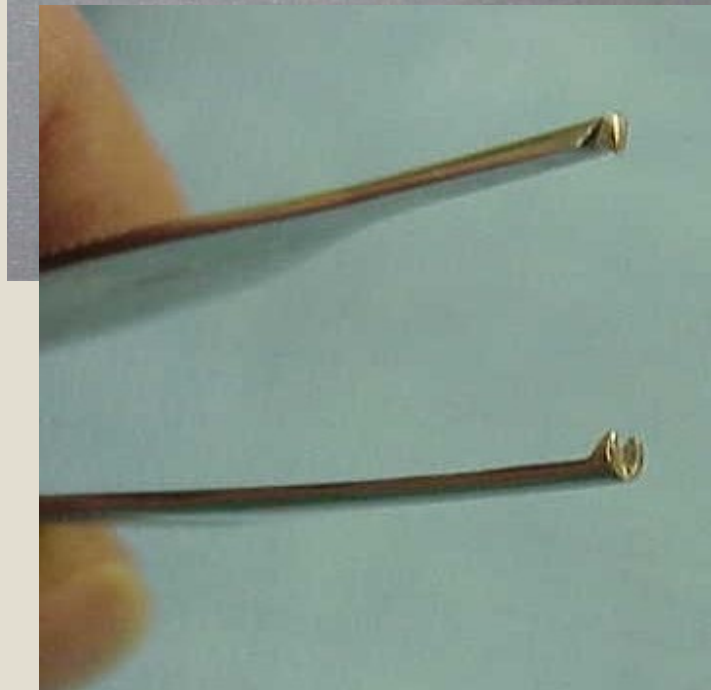




Rat-tooth (Thumb) tissue forceps



Adson (thumb) tissue forceps



Curved Mosquito Hemostat

- Used to hold delicate tissue
- Used to compress bleeding vessels
- Jaws are fully serrated



Crile hemostatic forceps



Kocher (Oschner) hemostatic forceps



Needle Holder



- Used to hold and pass a suturing needle through tissue
- Has groove to hold needle within jaws

Mayo-Hegar needle holders



Towel Clamp

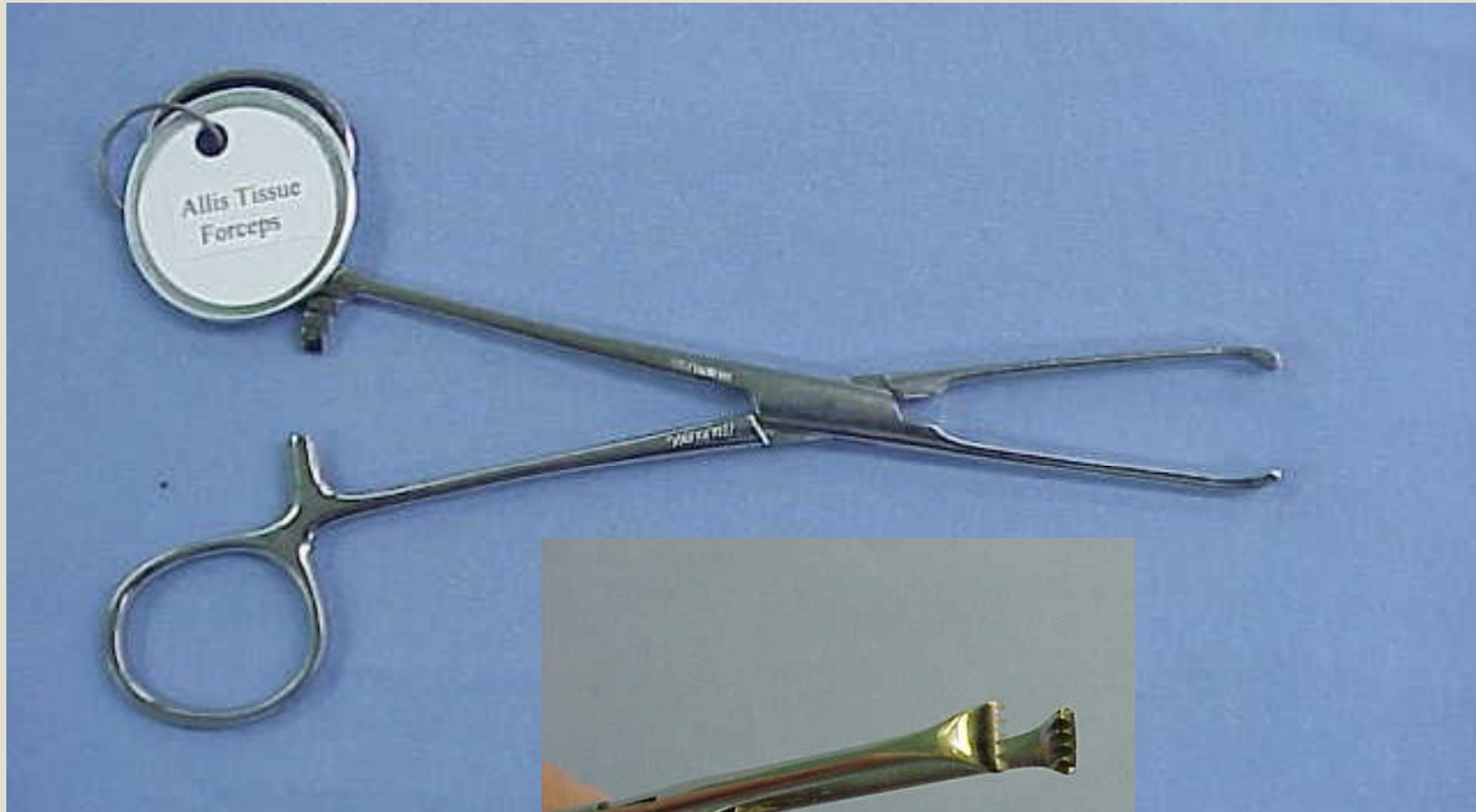


- Adds weight to drapes and towels to ensure they stay in place
- Allow exposure of the operative site

Backhaus towel clamps



Allis tissue forceps





intestinal)
ceps

Lane tissue (intestinal) holding forceps



Scalpel Holder

- Holds scalpel blade
- Acts as a handle



Sharp/Sharp Scissors

- Used to cut and dissect tissue
- Both blade tips are sharp



Curved Blunt/Blunt Scissors

- Both blade tips are blunt
- Can be curved or straight



(top) Metzenbaum scissor
(bottom)



Sharp/Blunt Scissors



- Used to cut and dissect fascia and muscle
- One blunt tip and one sharp tip

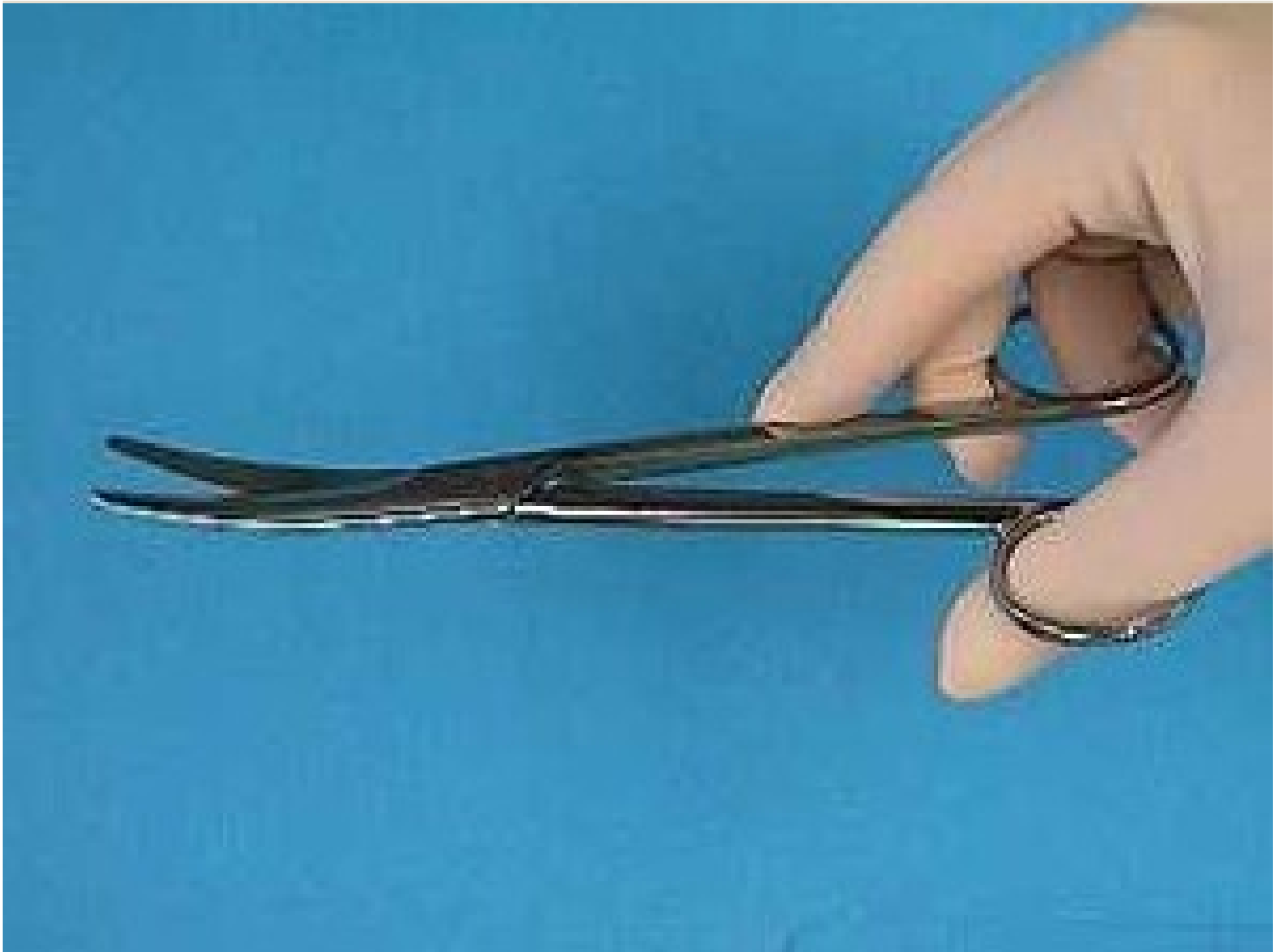
Suture scissors (blunt blunt)



Lister Bandage Scissors

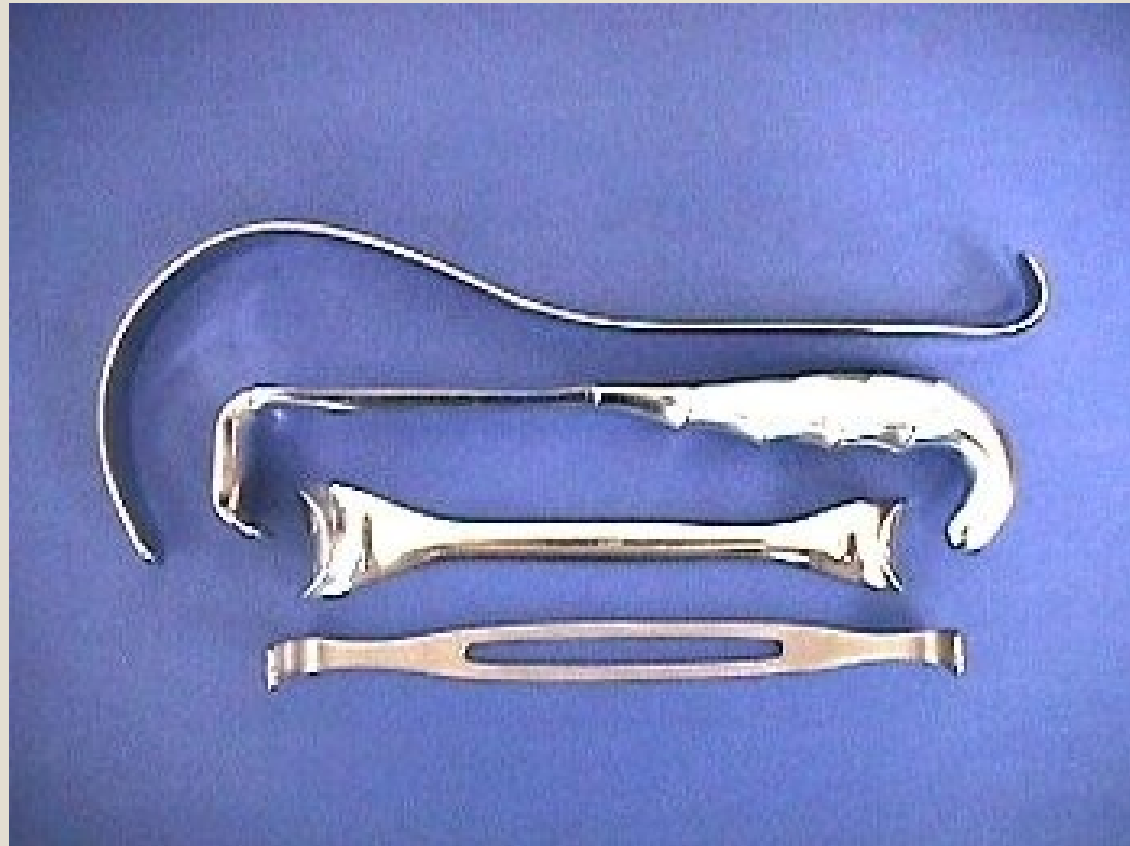


- Used to remove bandages and dressings
- Probe tip is blunt; inserted under bandages with relative safety



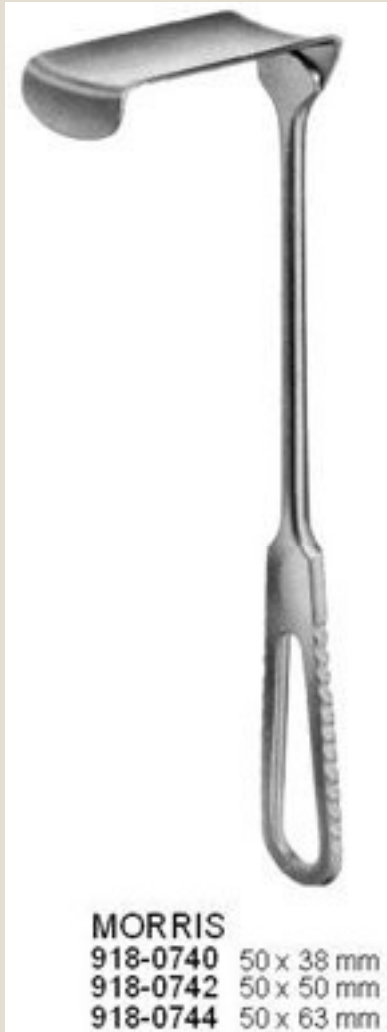
Retracting and Exposing Instruments

- self-retaining or manual (held by hand).
- When identifying retractors, look at the blade, not the handle.



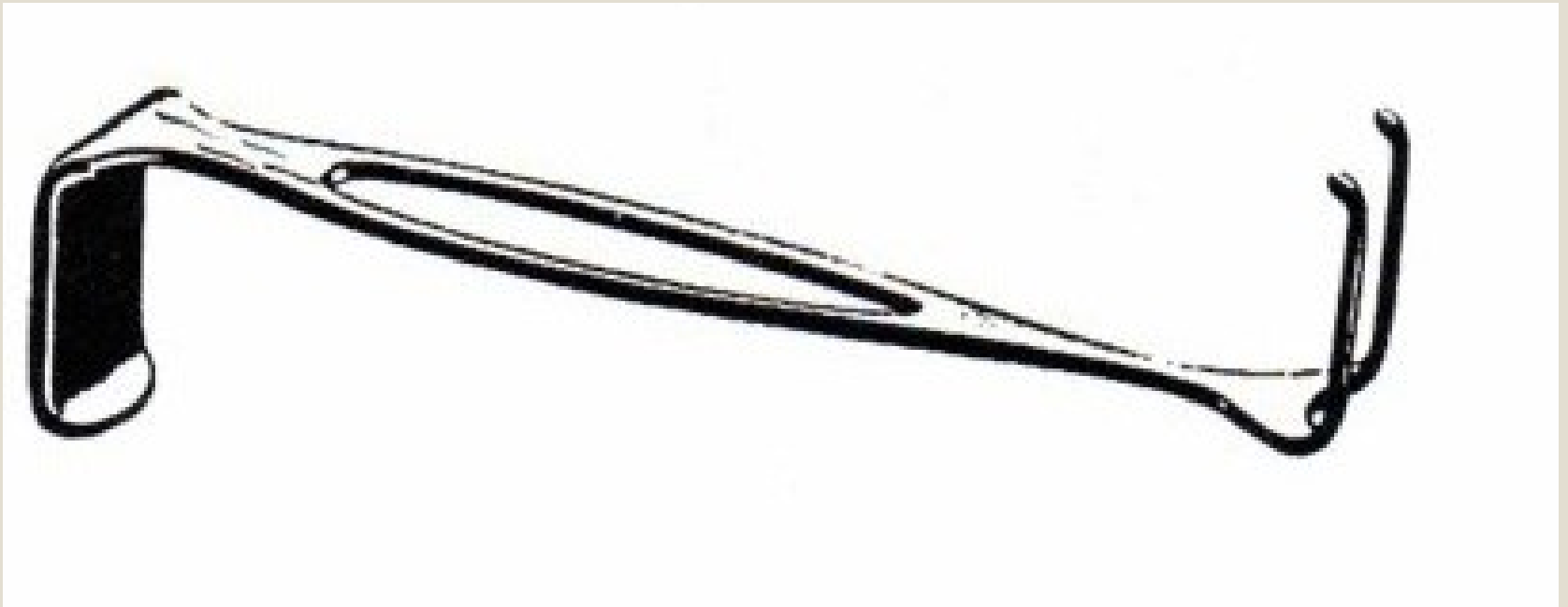
- A **Deaver** retractor (manual) is used to retract deep abdominal or chest incisions. Available in various widths.







- **Czerny Retractor** is used to retract shallow or superficial incisions.



Langenbeck retractor



- A **Mastoid** retractor (self-retaining) is used to retract shallow incisions.



- A **Balfour with bladder blade** (self-retaining) is used to retract wound edges during deep abdominal procedures.



Balfour abdominal retractor with blade

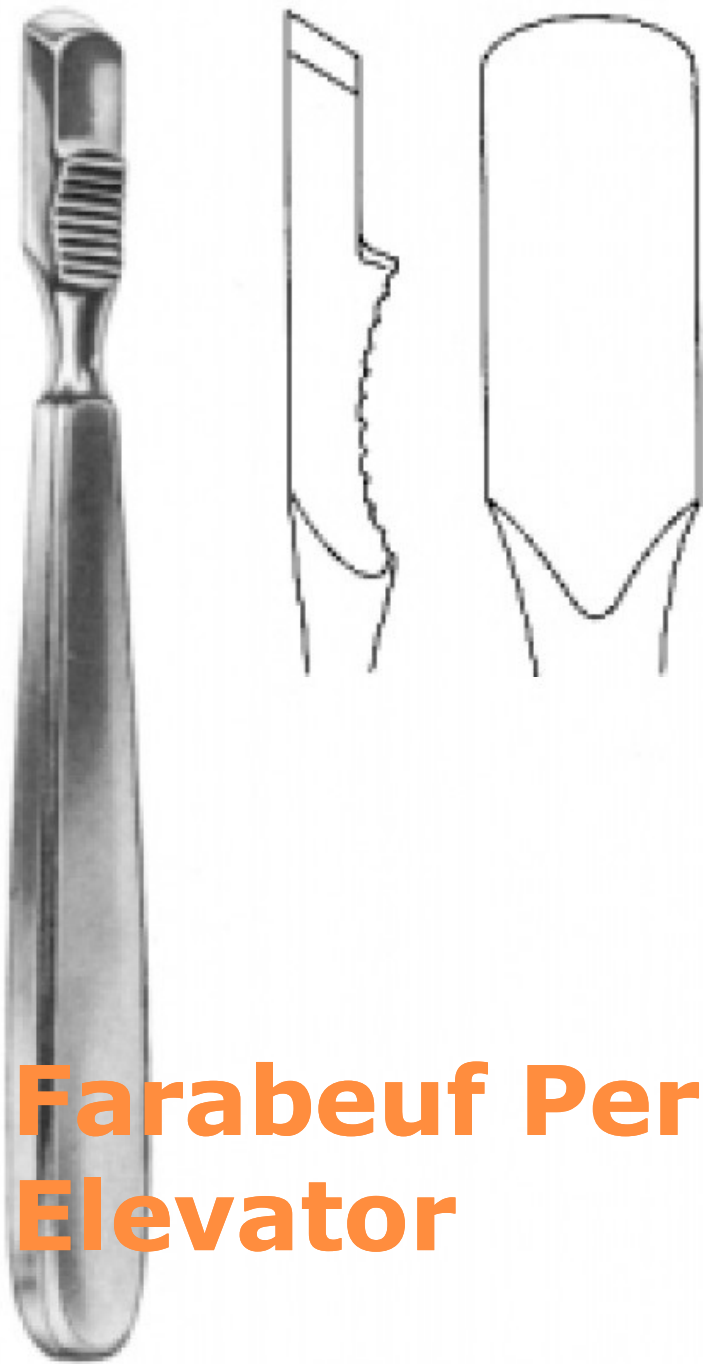


Bone curette

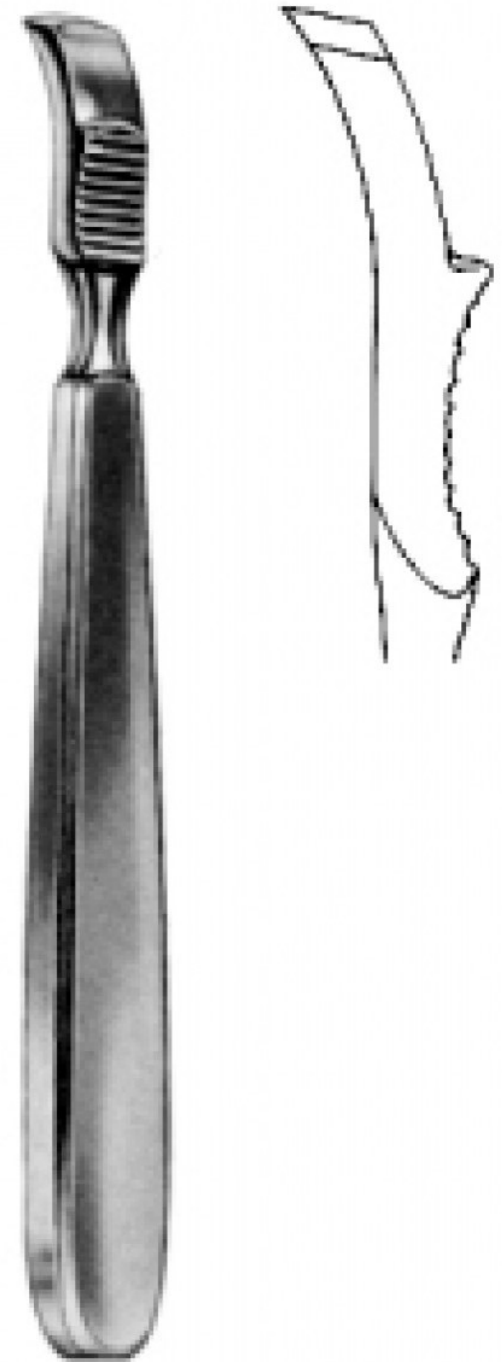


Periosteal elevator (Freer)





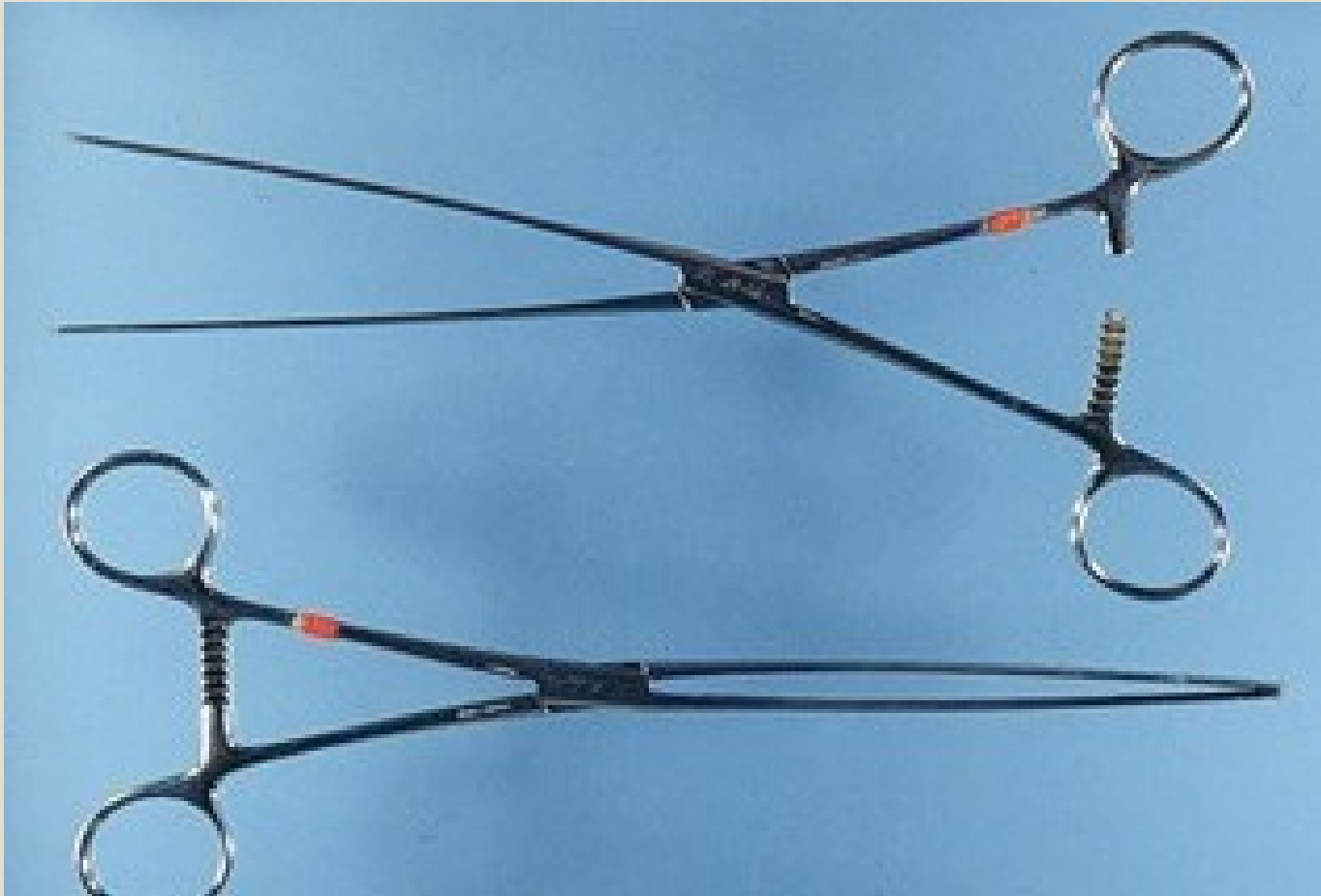
Farabeuf Periosteal Elevator



Speedlock bone reduction forceps



Boyden-DeLee Forceps



Large Twin Clamp/ Curved

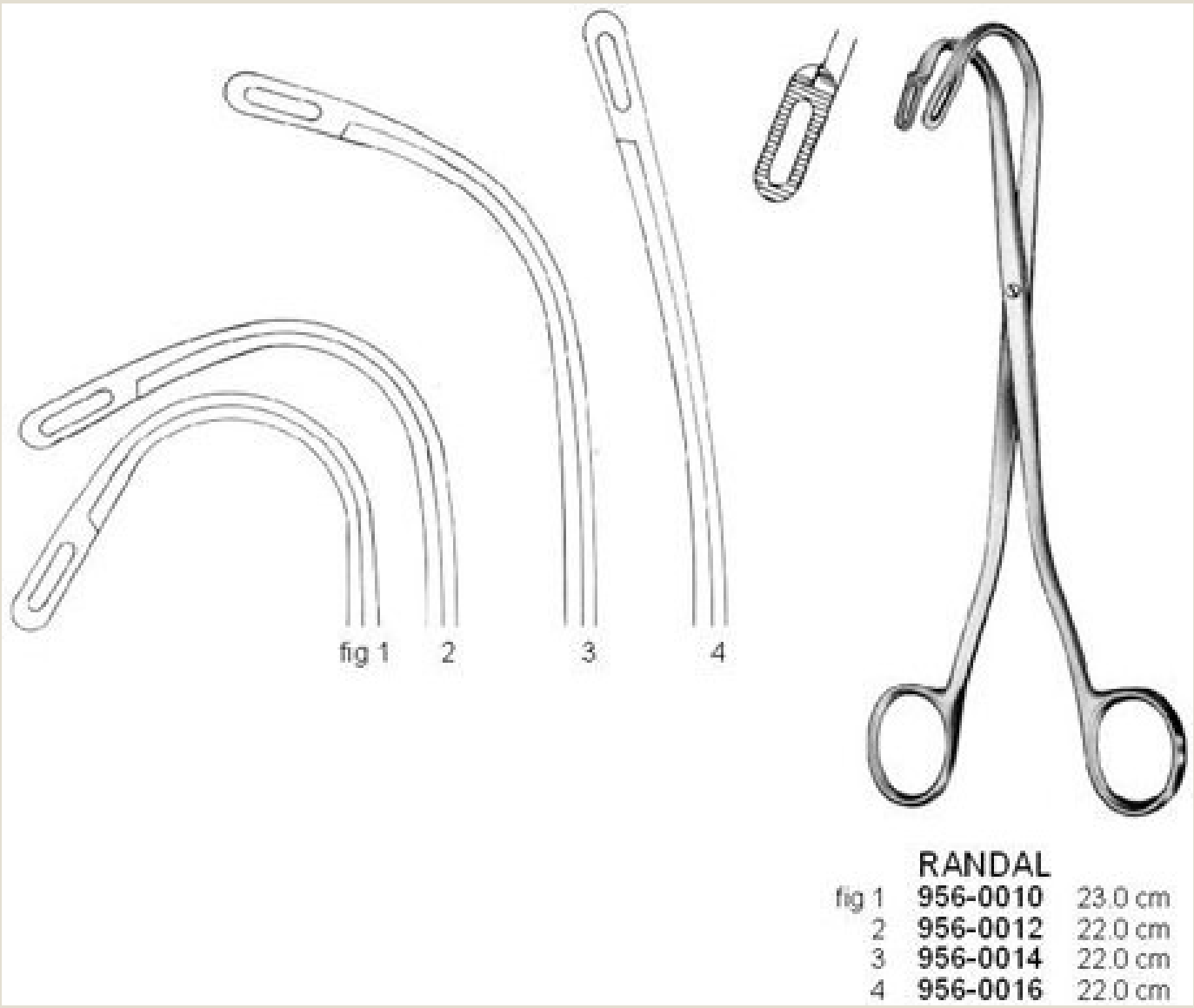


Mayo Intestinal Clamp (Crushing)

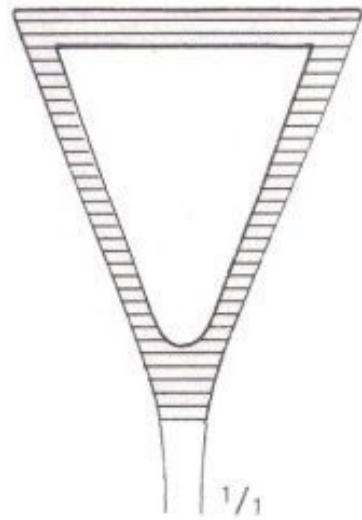
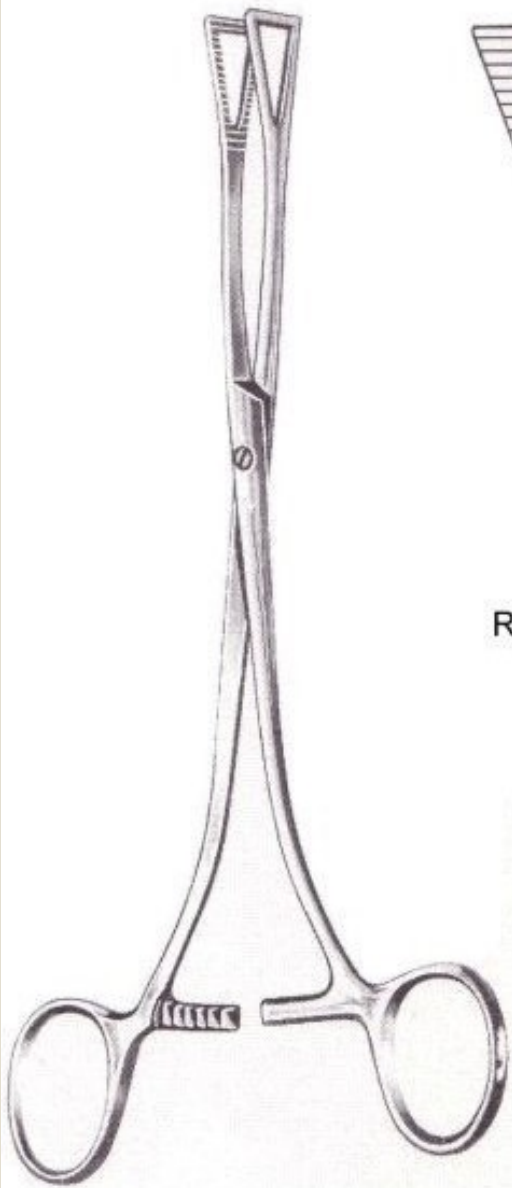


DeBakey Satinsky Clamp





RANDAL
fig 1 956-0010 23.0 cm
2 956-0012 22.0 cm
3 956-0014 22.0 cm
4 956-0016 22.0 cm



RA-064-20 200 mm, 8"

DUVAL
RA-064-20



Bandog vascular clamp

