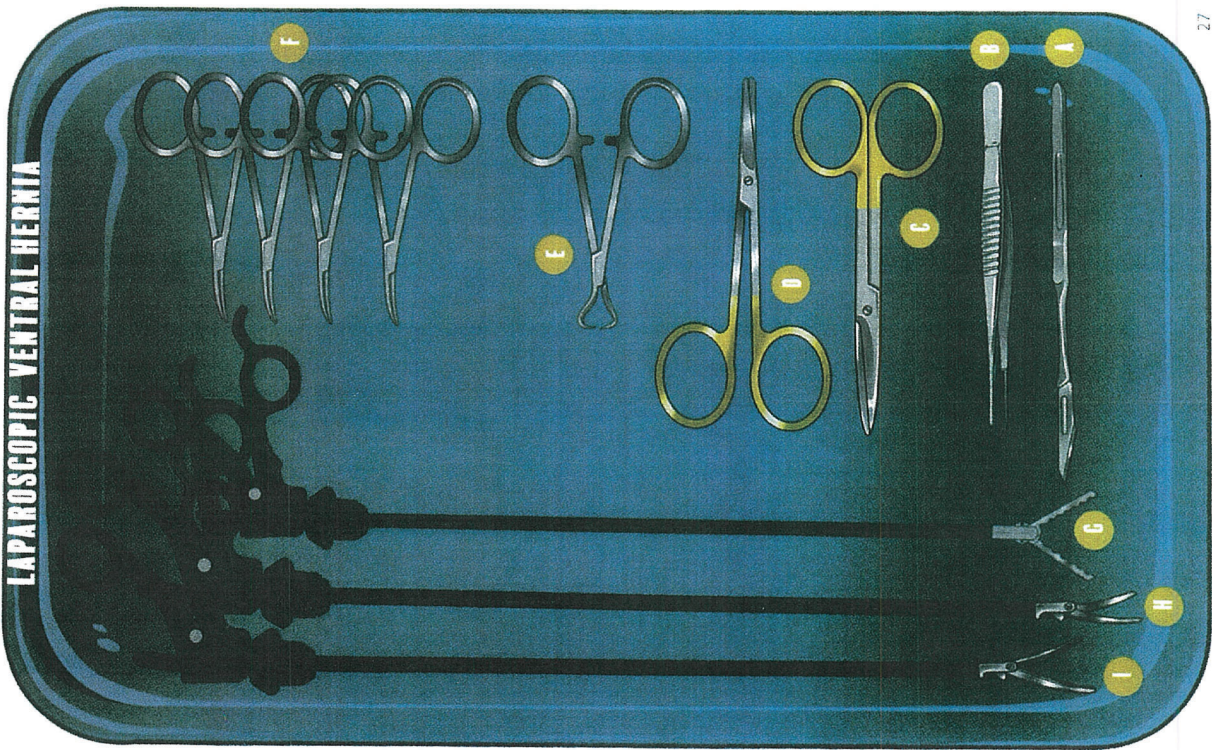


**LAPAROSCOPIC VENTRAL HERNIA**



**PROCEDURE: LAP VENTRAL HERNIA**

*Instruments:*

- (1) #11 Blade
- (1) DeBakey Forceps
- (1) Straight Mayo Scissors
- (1) Curved Mayo Scissors
- (1) Towel Clip
- (4) Hemostats
- (1) Lap Atraumatic Grasper
- (1) Lap Scissor Tip
- (1) Lap Maryland

*Notes:*

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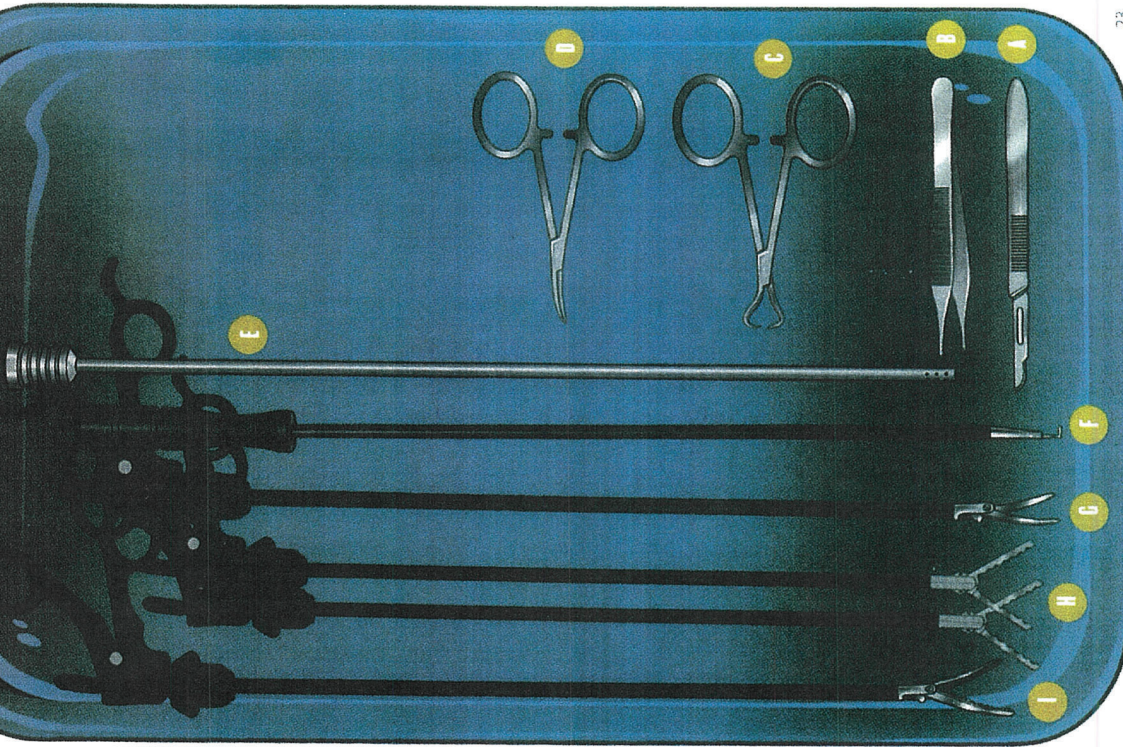
*Don't Forget*

- (2) Raytecs
- (1) Bovie (available)
- (1) Suction Tubing
- (1) Yankauer
- (2) Light Handle Covers

1. Don't ever leave the camera with lights on buried or facing the drape. FIRE HAZARD!
2. Twist the camera to adjust the blur.
3. Refer to Lap Appendectomy tech tips.

*Tech Tips*

**LAPAROSCOPIC-CHOLECYSTECTOMY WITH GRAMS**



**PROCEDURE LAP CHOLECYSTECTOMY WITH GRAMS**

*Instruments:*

- (1) #15 Blade
- (1) Adsons with Teeth
- (1) Towel Clip
- (1) Hemostat
- (1) Lap Suction/Irrigation Tube
- (1) Lap L Hook
- (1) Lap Scissor Tip
- (2) Lap Atraumatic Graspers
- (1) Lap Maryland

*Notes:*

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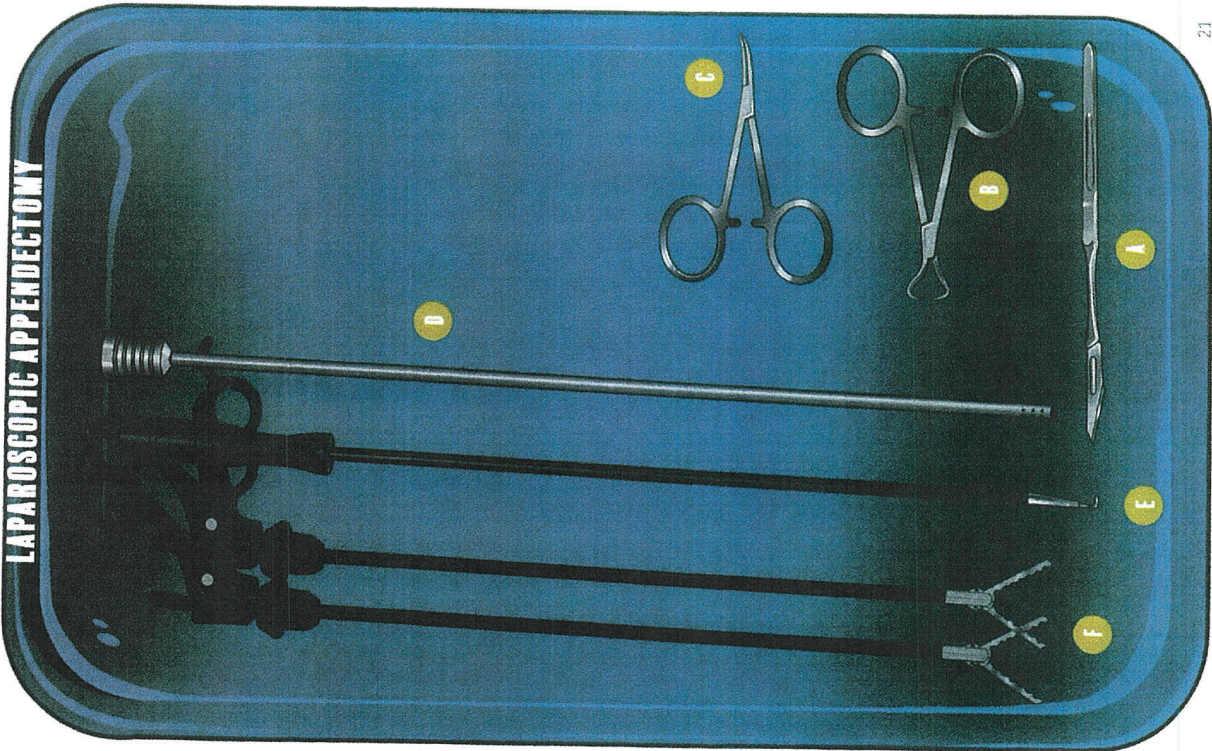
*Don't Forget*

- (2) Raytecs
- (4) Bovie
- (1) Suction Tubing
- (1) Yankauer
- (2) Light Handle Covers

1. For all laparoscopic procedures, insufflation tubing, scope, camera, trocars, grey chord in lap tray, veress needle & 10cc saline are all needed to start.
2. CHORDS EVERYWHERE! Secure them with a large Kelly.
3. Anything with GRAMS, it's XRAY. So either wear a shield or drape a movable shield.

*Tech Tips*

# LAPAROSCOPIC APPENDECTOMY



# PROCEDURE LAPAROSCOPIC APPENDECTOMY

## Instruments:

- (1) #11 Blade
- (1) Towel Clip
- (1) Hemostat
- (1) Lap Suction/Irrigation Tube
- (1) Lap L Hook
- (2) Lap Atraumatic Graspers

## Notes:

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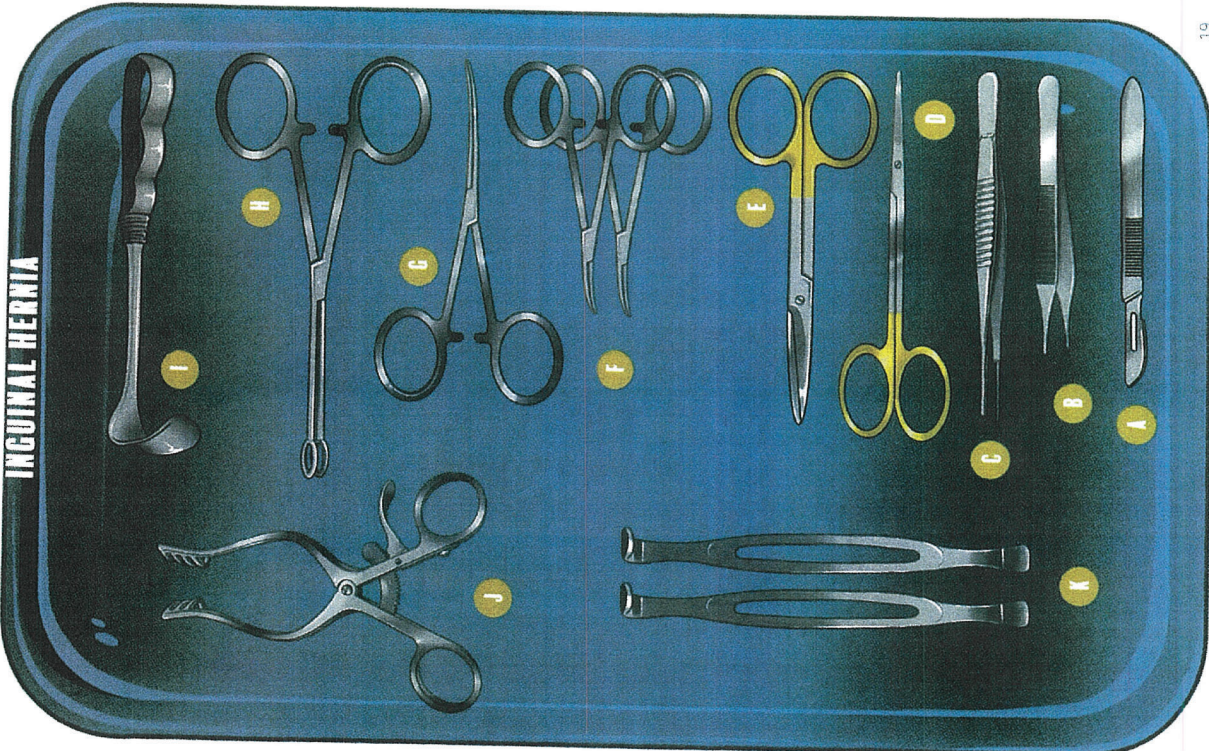
## Don't Forget

- (2) Raytecs
- (1) Bovie
- (1) Suction Tubing
- (1) Yankauer
- (2) Light Handle Covers

1. For all laparoscopic procedures, insufflation tubing, scope, camera, trocars, grey chord in lap tray, veress needle & 10cc saline are all needed to start.
2. CHORDS EVERYWHERE! Secure them with a large Kelly.

## Tech Tips

**INGUINAL HERNIA**



**PROCEDURE: INGUINAL HERNIA**

*Instruments:*

- (1) #10 Blade
- (1) Adsons with Teeth
- (1) Debakey Forceps
- (1) Metz
- (1) Straight Mayo Scissors
- (2) Hemostats
- (1) Kelly
- (1) Spongstick
- (1) Small Richardson Retractor
- (1) Dull Weitlaner
- (2) Army Navy

*Notes:*

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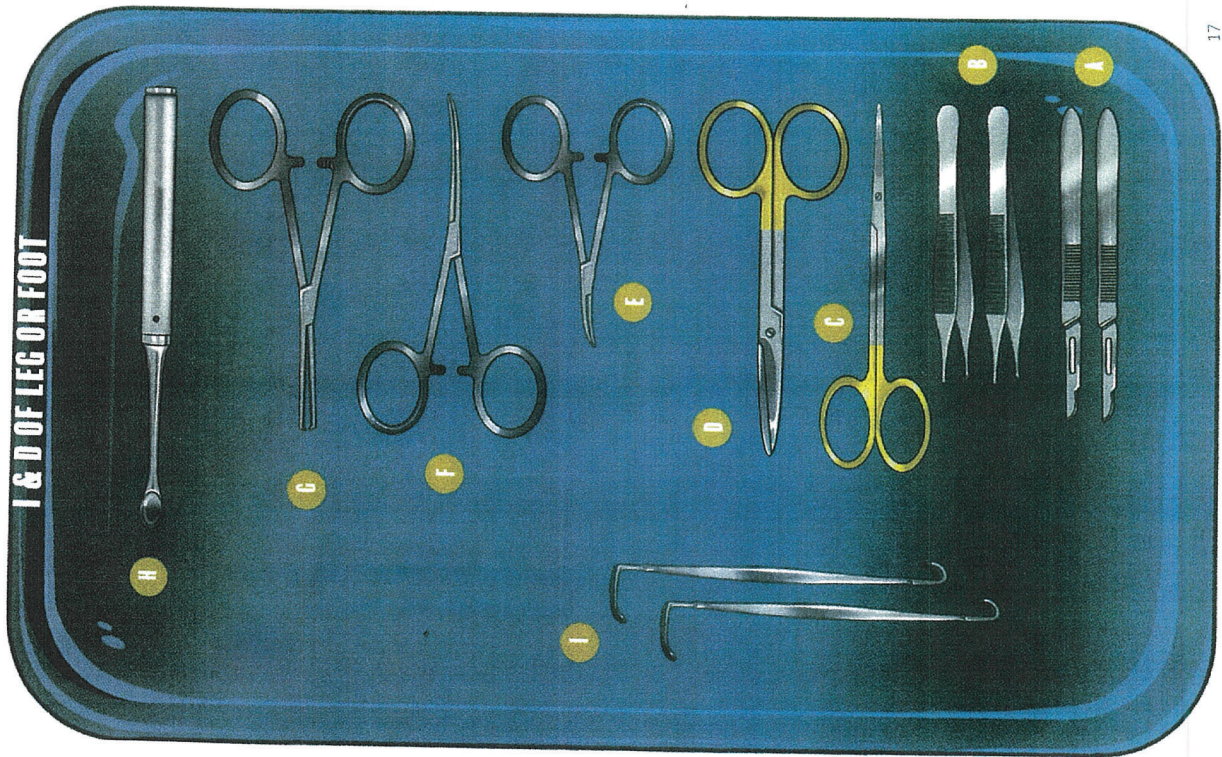
*Don't Forget*

- (2) Laps
- (1) Bowie
- (1) Suction Tubing
- (1) Yankauer
- (2) Light Handle Covers

1. Attach penrose drain to a hemostat and submerge into irrigation until surgeon ask for it.
2. Do not open any mesh unless surgeon specifies the size. Dip the mesh in irrigation and serve it with a spongstick. Surgeon might cut it.

*Tech Tips*

**I & D OF LEG OR FOOT**



**PROCEDURE I & D OF LEG OR FOOT**

*Instruments:*

- (2) #15 Blades
- (2) Adsons with Teeth
- (1) Metz
- (1) Straight Mayo Scissors
- (1) Hemostat
- (1) Kelly
- (1) Kocker
- (1) Medium Cup Curette
- (2) Sharp Senns Retractors

*Notes:*

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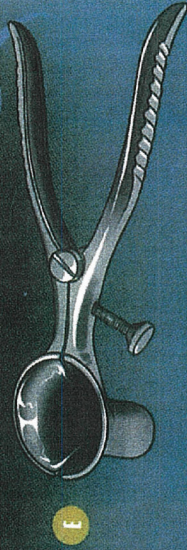
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*Don't Forget*

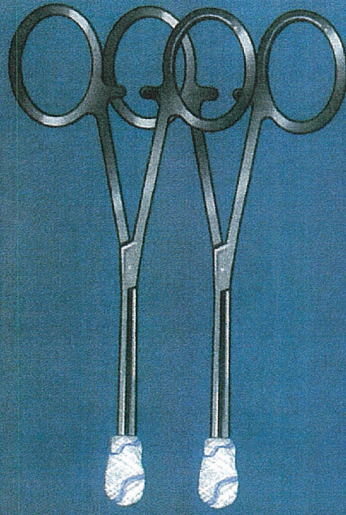
- (5) Raytecs
  - (1) Bowie
  - (1) Suction Tubing
  - (1) Yankauer
  - (2) Light Handle Covers
1. Expect some residents to scrub these cases. That means more supplies (ie: gown & gloves).
  2. Extra towels for a bump.
  3. Emesis basin used often during irrigation of the wound. Ask surgeon if they want it with bacitracin.

*Tech Tips*

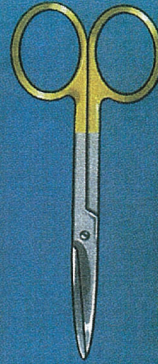
**HEMORRHOIDECTOMY**



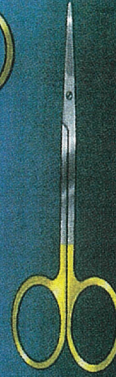
**E**



**D**



**C**



**B**



**I**

**PROCEDURE: HEMORRHOIDECTOMY**

*Instruments:*

- (1) Debakey Forceps
- (1) Metz
- (1) Straight Mayo Scissors
- (2) Spongstick with Raytecs
- (1) Anal Speculum

*Notes:*

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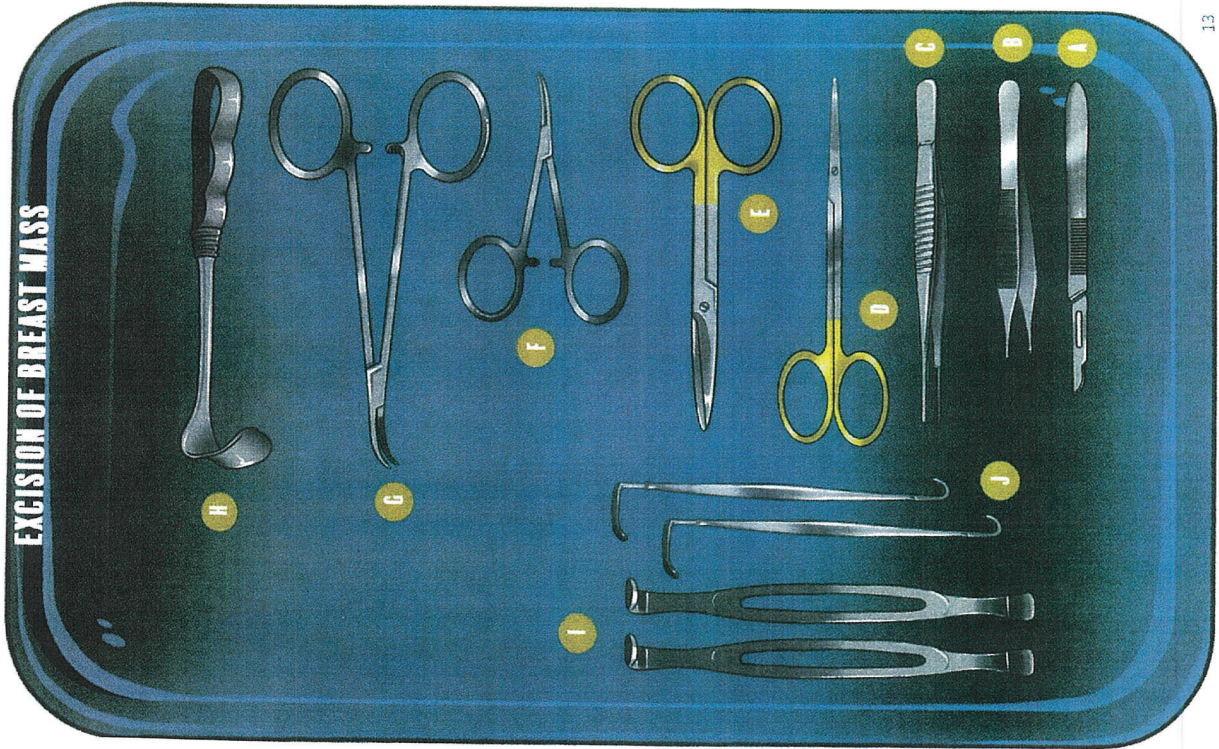
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*Don't Forget*

- (2) Raytecs
  - (1) Bowie
  - (1) Suction Tubing
  - (1) Yankauer
  - (2) Light Handle Covers
1. Patient positioning are either prone or lithotomy. Read preference card or ask nurse.
  2. Prone = mayo stand. Lithotomy = no mayo even if surgeon sits or stands.
  3. Refer to my video "How to make sponge in a stick" on youtube.

*Tech Tips*

**EXCISION OF BREAST MASS**



**PROCEDURE: EXCISION OF BREAST MASS**

*Instruments:*

- (1) #15 Blade
- (1) Adsons with Teeth
- (1) Debaquey Forceps
- (1) Metz
- (1) Straight Mayo Scissors
- (1) Hemostat
- (1) Tonsil
- (1) Small Richardson Retractor
- (2) Army Navy
- (2) Sharp Senns Retractors

*Notes:*

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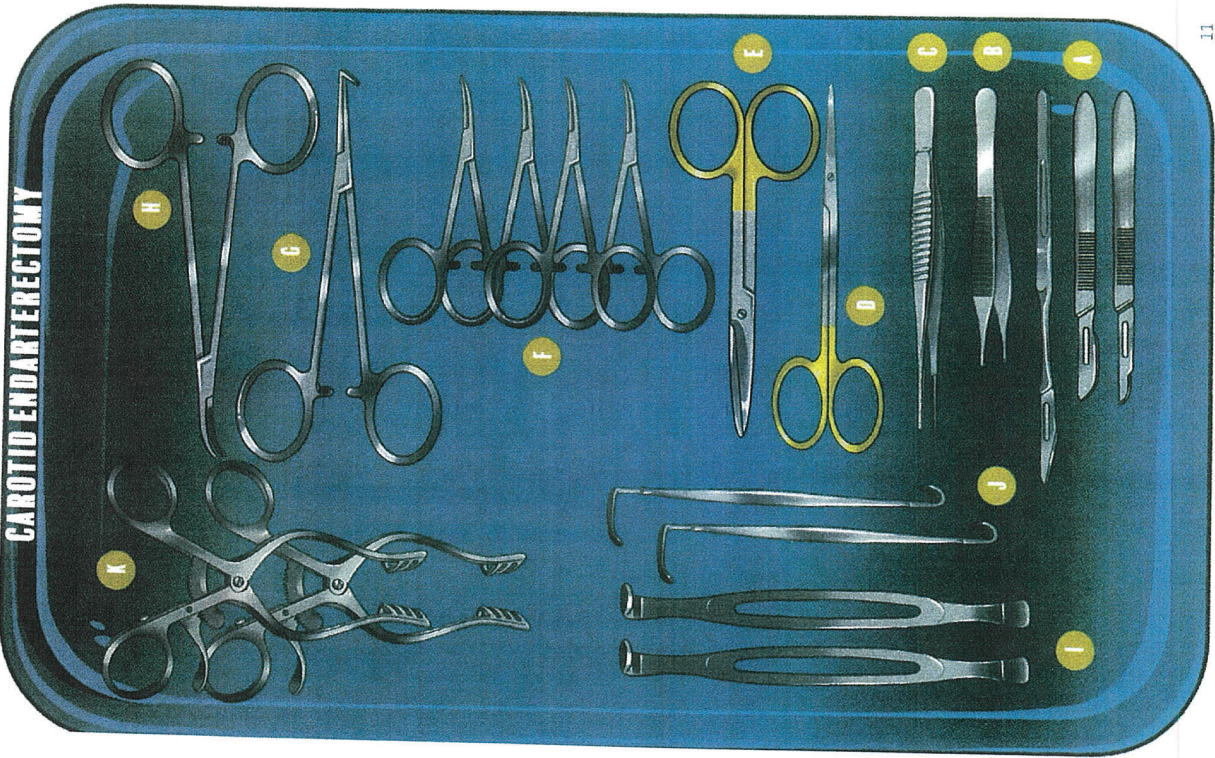
*Don't Forget*

- (2) Raytecs
- (1) Bovie
- (1) Suction Tubing
- (1) Yankauer
- (2) Light Handle Covers

1. Possible use of Harmonic Scalpel.
2. Surgeon might ask for a marking stitch. It means open an extra stitch (any SH) to mark the orientation of the specimen.
3. Depending on the size of the mass, surgeon might use lighted retractors.

*Tech Tips*

**CAROTID ENDARTERECTOMY**



**PROCEDURE CAROTID ENDARTERECTOMY**

*Instruments:*

- (3) #15, #10, #11 Blades
- (1) Adsons with Teeth
- (1) Debakey Forceps
- (1) Metz
- (1) Straight Mayo Scissors
- (4) Hemostats
- (1) Right Angle
- (1) Tonsil
- (2) Army Navy
- (2) Sharp Senns Retractors
- (2) Dull Weitlaner

*Notes:*

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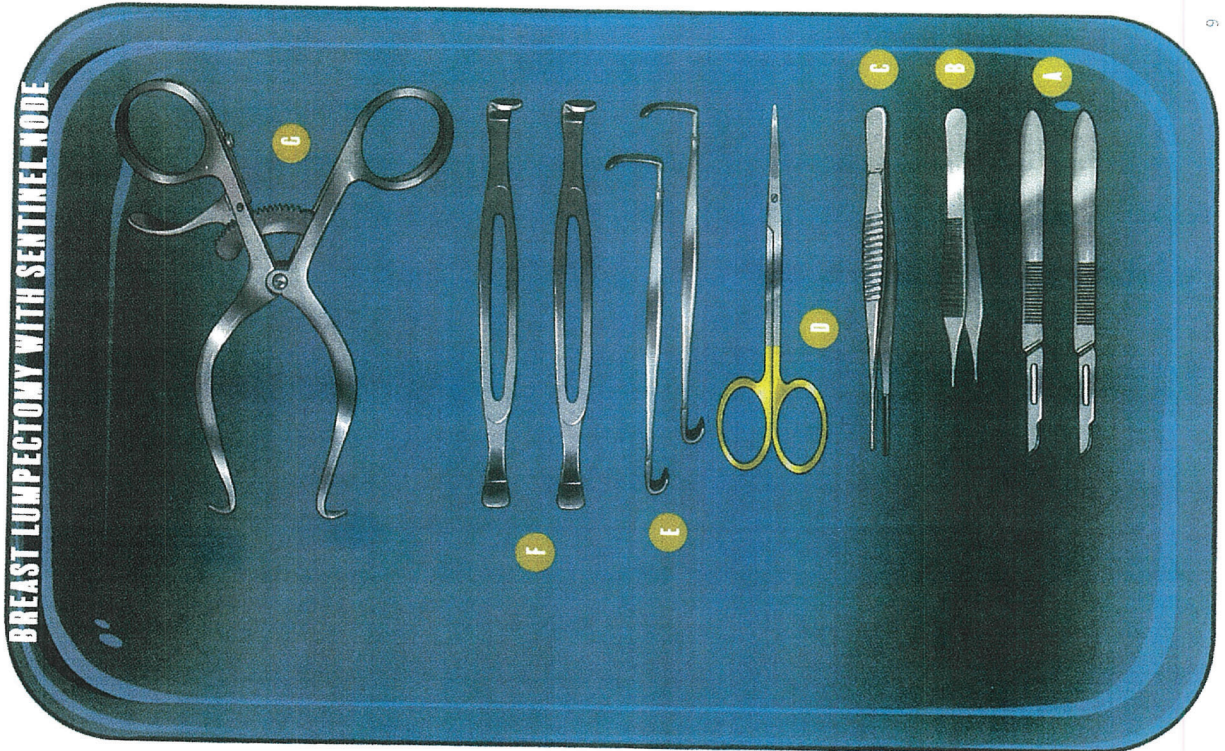
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*Don't Forget*

- (2) Laps
  - (1) Bovie
  - (1) Suction Tubing
  - (1) Yankauer
  - (2) Light Handle Covers
1. You will likely use red and blue vessel loops.
  2. Yellow suture boots we call "booties". Use the smallest hemostats to plug in boots. DO NOT LOSE. THEY ARE COUNTABLE ITEMS.
  3. Pre-load (2) 20cc of heparin/saline syringes.

*Tech Tips*

**BREAST LUMPECTOMY WITH SENTINEL NODE**



**PROCEDURE BREAST LUMPECTOMY WITH SENTINEL NODE**

*Instruments:*

- (2) #15 Blades
- (1) Adsons with Teeth
- (1) Debakey Forceps
- (1) Metz
- (2) Sharp Senns Retractors
- (2) Army Navy
- (1) Gelpi

*Notes:*

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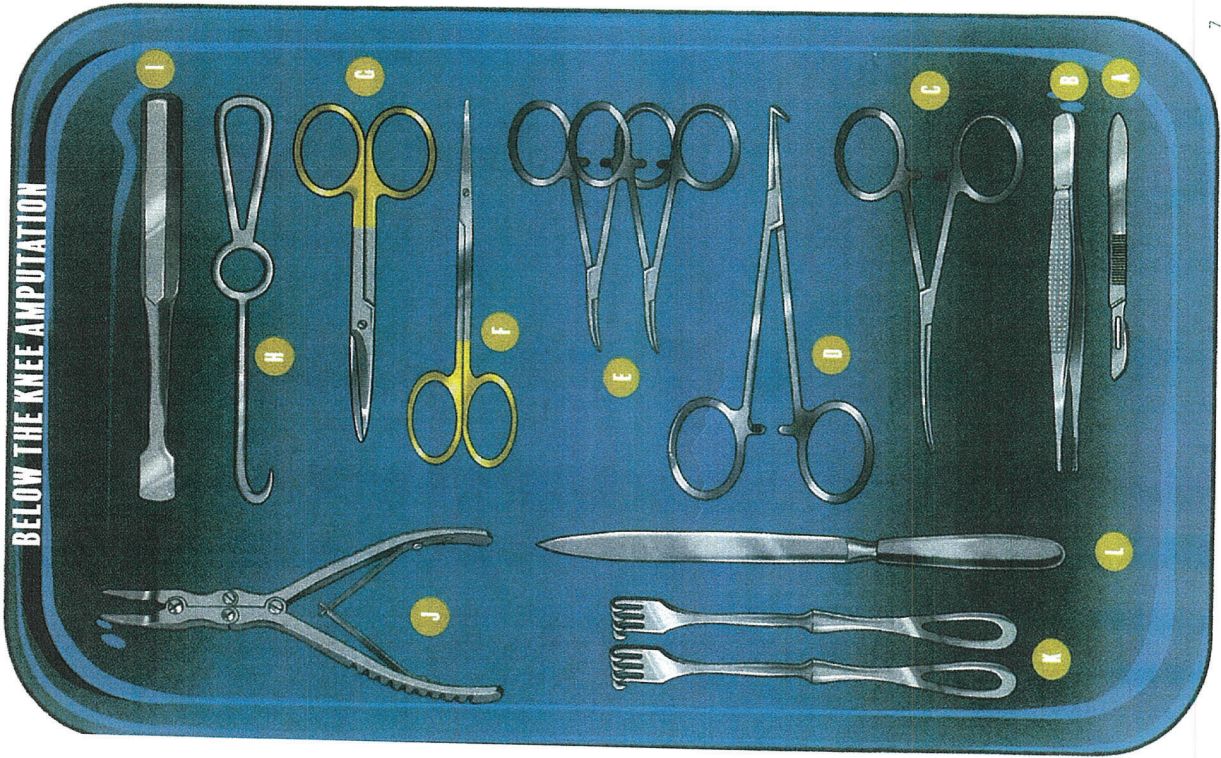
*Don't Forget*

- (2) Laps
- (1) Bowie
- (1) Suction Tubing
- (1) Yankauer
- (2) Light Handle Covers

1. Look over preference card if surgeon uses Harmonic Scalpel.
2. Surgeon might ask for protected Bowie tip. Ask first.
3. Might use water for irrigation instead of saline.

*Tech Tips*

**BELOW THE KNEE AMPUTATION**



**PROCEDURE BELOW THE KNEE AMPUTATION**

*Instruments:*

- (1) #10 Blade
- (1) Bonnies Forcep
- (1) Kelly
- (1) Right Angle
- (2) Hemostats
- (1) Metz
- (1) Straight Mayo Scissors
- (1) Bone Hook
- (1) Key Elevator
- (1) Rongeur
- (2) Sharp Rakes
- (1) Amputation Knife

*Notes:*

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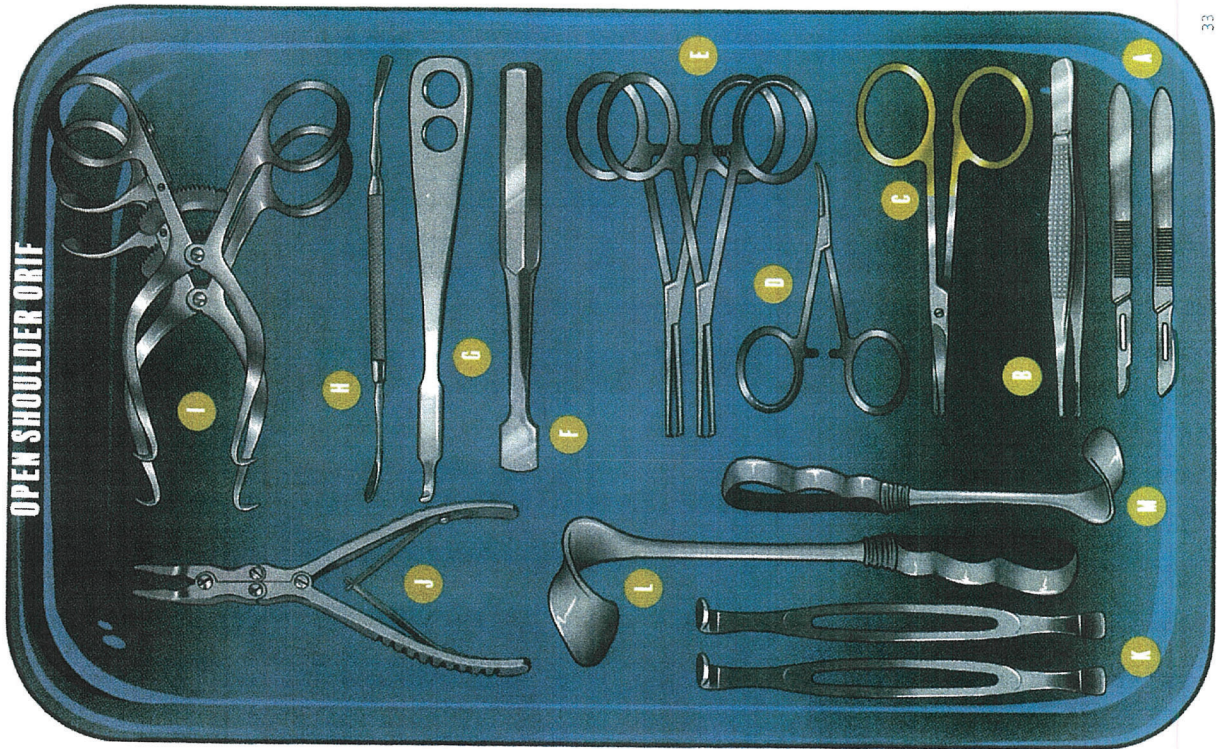
*Don't Forget*

- (2) Laps
- (1) Bowie
- (1) Suction Tubing
- (1) Yankauer
- (2) Light Handle Covers

1. Absolutely wear a shield!
2. You will need a drill and a saw.
3. Prepare a bump made out of towels wrapped in coban.

*Tech Tips*

**OPEN SHOULDER ORIF**



**PROCEDURE OPEN SHOULDER ORIF**

*Instruments:*

- (1) #10, #15 Blades
- (1) Bonnies Forceps
- (1) Curved Mayo Scissors
- (1) Hemostats
- (2) Kockers
- (1) Key Elevator
- (1) Hohman
- (1) Freer
- (2) Sharp Gelpis
- (1) Double Action Rongeur
- (2) Army Navy
- (1) Medium Richardson Retractor
- (1) Small Richardson Retractor

*Notes:*

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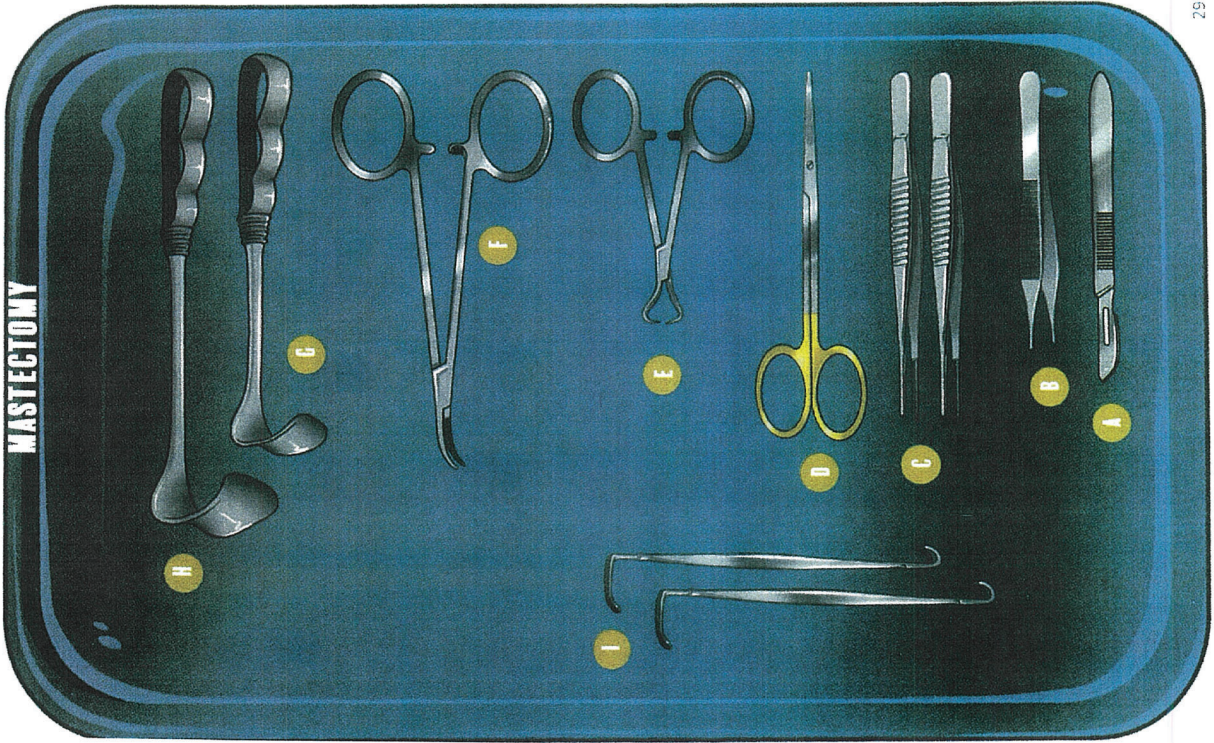
*Don't Forget*

- (2) Laps
- (1) Bowie
- (1) Suction Tubing
- (1) Yankauer
- (2) Light Handle Covers

1. You will need drills and screw set trays.
2. Xray will be used so wear a lead with thyroid shield.
3. When surgeon uses rongeur, moisten a raytec to remove the chunks out of the instrument.

*Tech Tips*

# MASTECTOMY



# PROCEDURE MASTECTOMY

## Instruments:

- (1) #10 Blade
- (1) Adsons with Teeth
- (2) Debaquey Forceps
- (1) Metz
- (1) Towel Clip
- (1) Tonsil
- (1) Small Richardson Retractor
- (1) Medium Richardson Retractor
- (2) Sharp Senns Retractors

## Notes:

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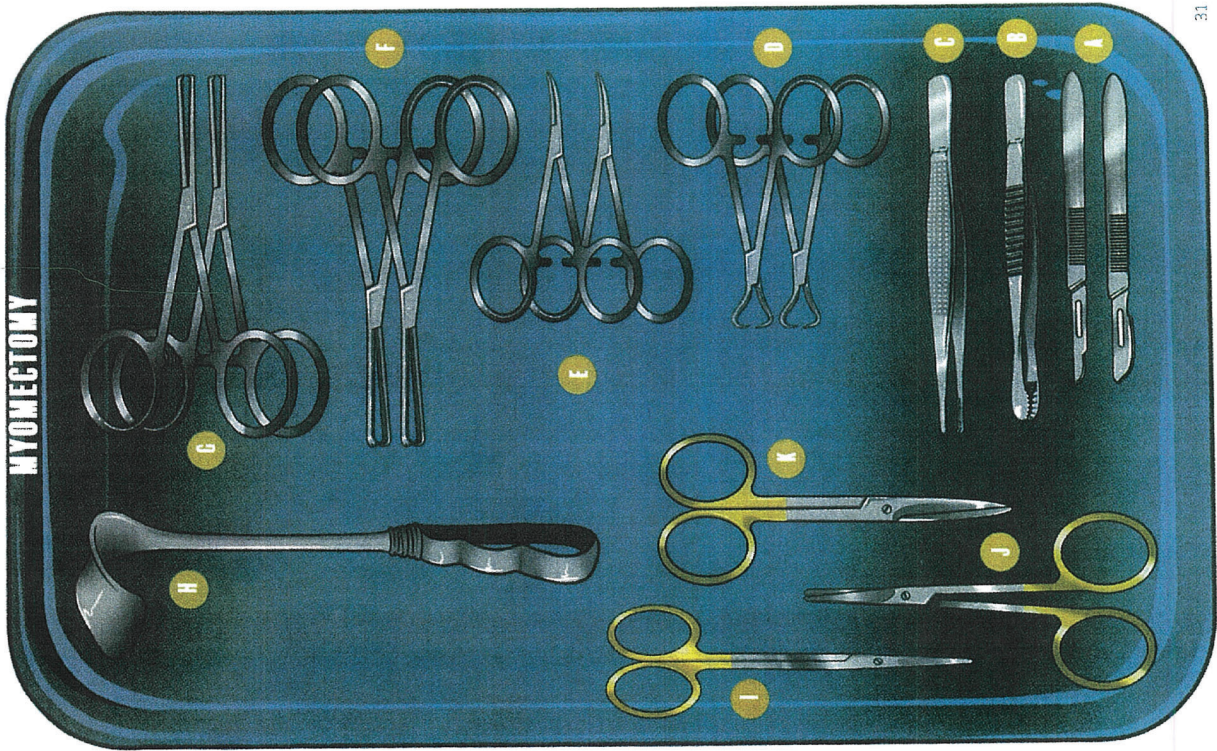
## Don't Forget

- (2) Laps
- (1) Bovie
- (1) Suction Tubing
- (1) Yankauer
- (2) Light Handle Covers

- 1. Might use a Harmonic Scalpel and Neoprobe.
- 2. 2 set-ups for double mastectomy if one side is cancer. 2 of everything. (ie: 2 trays, 2 bowies, etc.)
- 3. This case will generate a lot of smoke so surgeon might ask for bovie with a built-in suction.

## Tech Tips

# MYOMECTOMY



# PROCEDURE: MYOMECTOMY

## Instruments:

- (2) #10, #15 Blades
- (1) Russian Forceps
- (1) Bonnies
- (2) Towel Clips
- (2) Hemostats
- (2) Allis
- (2) Kockers
- (1) Medium Richardson Retractor
- (1) Metz
- (1) Curved Mayo Scissors
- (1) Straight Mayo Scissors

## Notes:

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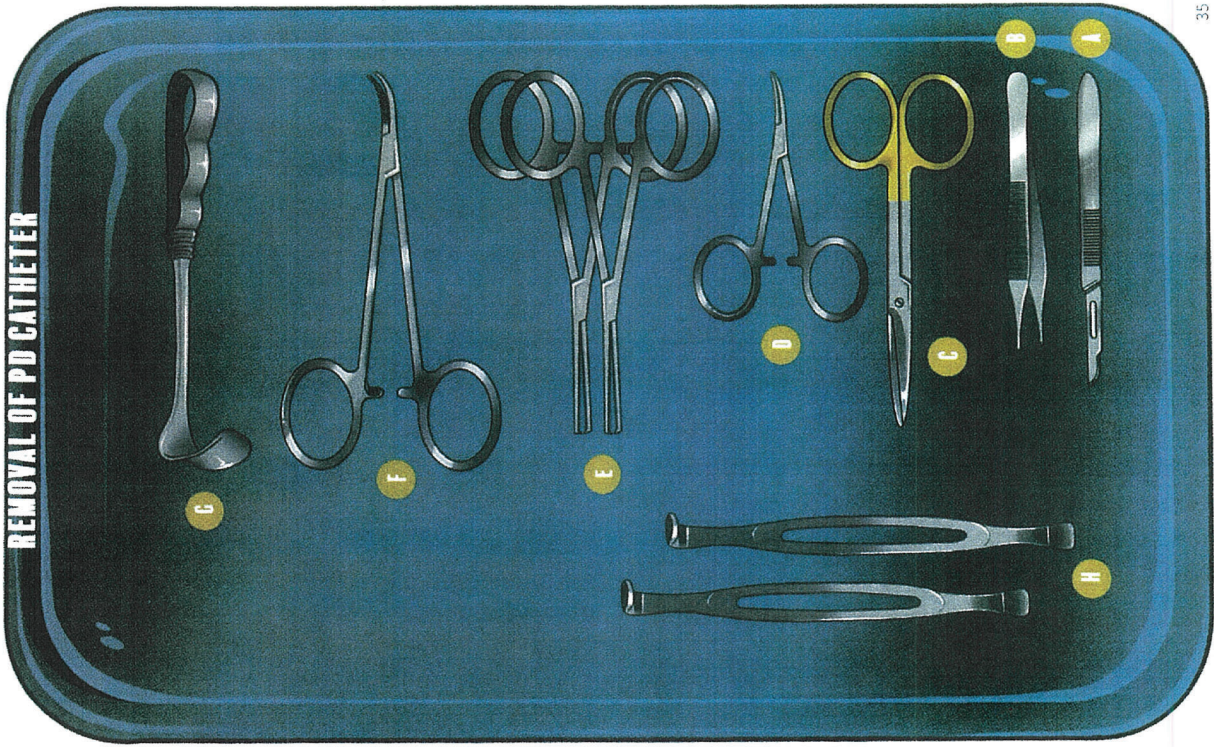
## Don't Forget

- (2) Laps
- (1) Bowie
- (1) Suction Tubing
- (1) Yankauer
- (2) Light Handle Covers

1. The deeper you go, the longer the instruments get.
2. Tag all moist laps with a hemostat.
3. Surgeon might use self-retaining retractor such as Wexler, Bookwalter, or Turner Warwick.

## Tech Tips

**REMOVAL OF PD CATHETER**



**PROCEDURE: REMOVAL OF PD CATHETER**

*Instruments:*

- (1) #15 Blade
- (1) Adsons with Teeth
- (1) Straight Mayo Scissors
- (1) Hemostat
- (2) Kockers
- (1) Tonsil
- (1) Small Richardson Retractor
- (2) Army Navy

*Notes:*

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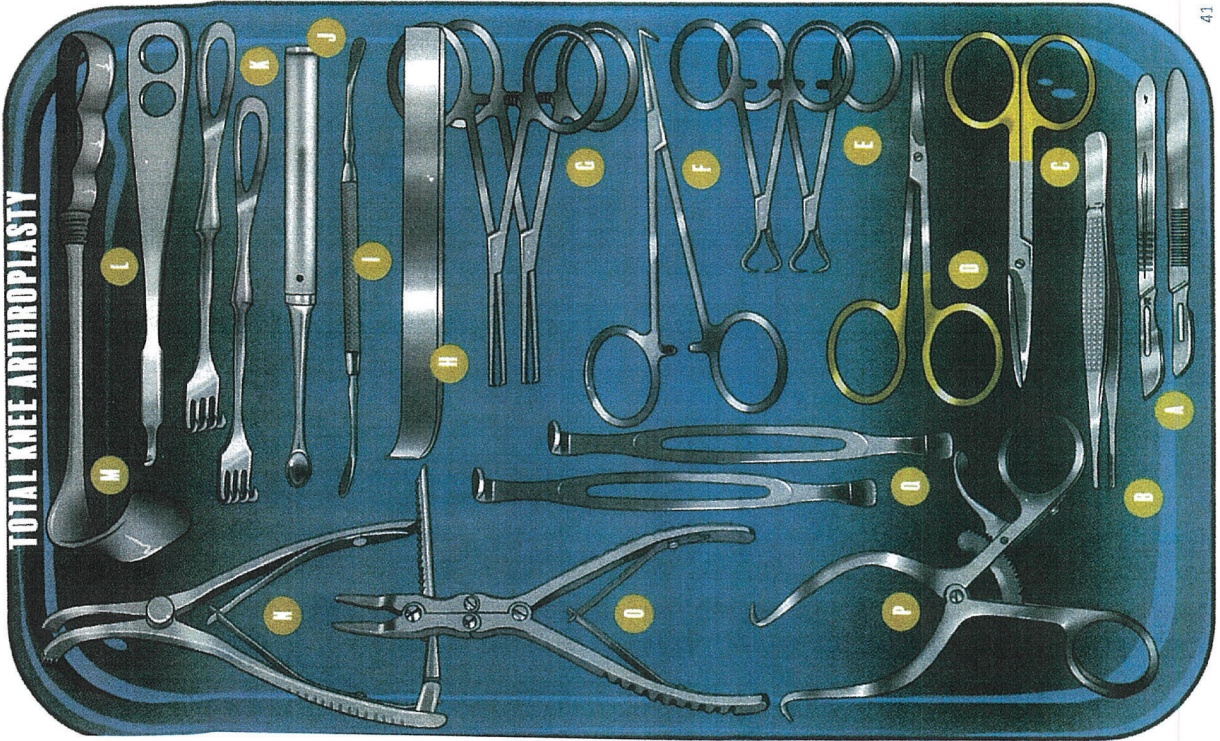
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*Don't Forget*

- (2) Ravitacs
  - (1) Bowie
  - (1) Suction Tubing
  - (1) Yankauer
  - (2) Light Handle Covers
1. Surgeon might use medication (ie: marcaine 5%).
  2. You can use a laparotomy drape.
  3. Minor tray is typically used on these cases.

*Tech Tips*

**TOTAL KNEE ARTHROPLASTY**



**PROCEDURE TOTAL KNEE ARTHROPLASTY**

*Instruments:*

- (2) #10, #20 Blade
- (1) Bonnies Forceps
- (1) Straight Mayo Scissors
- (1) Curved Mayo Scissors
- (2) Towel Clips
- (1) Right Angle
- (2) Kockers
- (1) Curved Osteotome
- (1) Freer
- (1) Medium Cup Curette
- (2) Sharp Rakes
- (1) Dull Hohman
- (1) Medium Richardson Retractor
- (1) Lamina Spreader
- (1) Double Action Rongeur
- (1) Sharp Gelpi
- (2) Army Navy

*Notes:*

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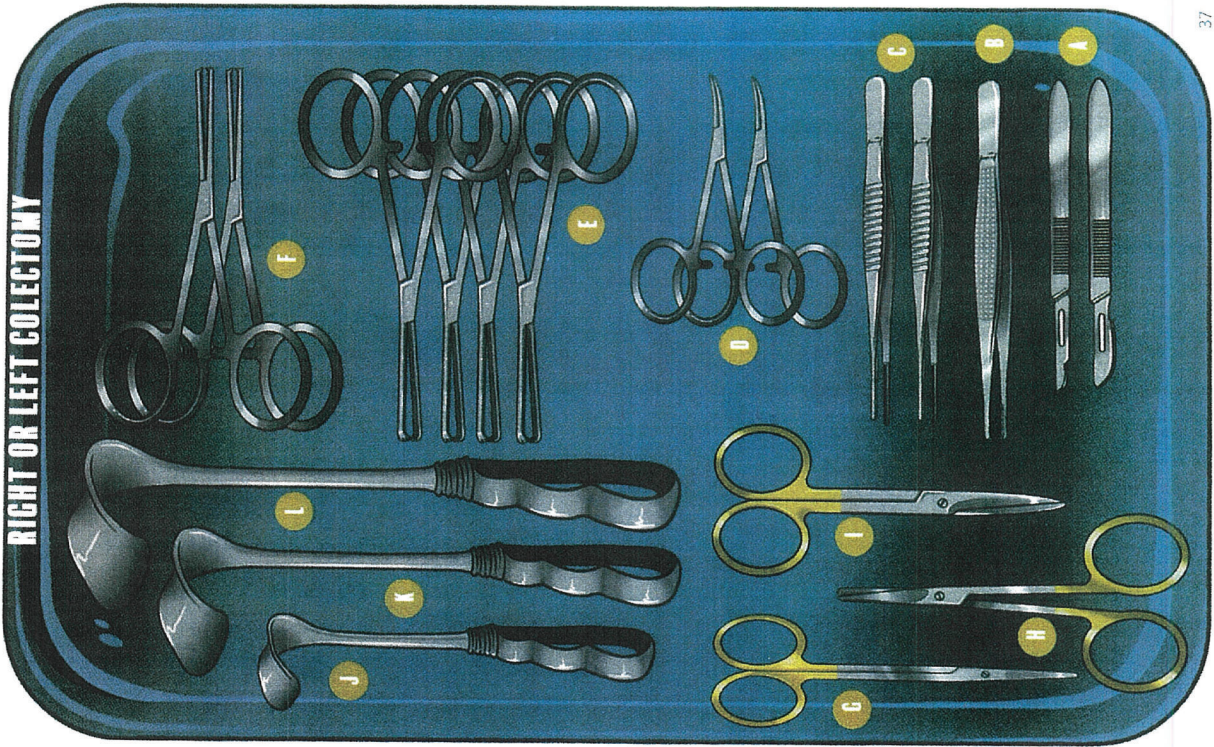
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*Don't Forget*

- (2) Laps
  - (1) Bovie
  - (1) Suction Tubing
  - (1) Yankauer
  - (2) Light Handle Covers
1. Depending on the surgeon, you might wear those spacesuit hoods with a blower. Very hard to hear.
  2. You need 2 back tables: 1 for main instruments and 1 for all the rep trays. Do not drop any rep stuff.
  3. The rep will be there to help you set up their trays. (Stryker, Synthese, Biomet, etc.)

*Tech Tips*

**RIGHT OR LEFT COLECTOMY**



**PROCEDURE RIGHT OR LEFT COLECTOMY**

*Instruments:*

- (2) #10, #15 Blade
- (1) Bonnies Forceps
- (2) DeBakey Forceps
- (2) Hemostats
- (4) Allis
- (2) Kockers
- (1) Metz
- (2) Curved Mayo Scissors
- (1) Straight Mayo Scissors
- (1) Small Richardson Retractor
- (1) Medium Richardson Retractor
- (1) Large Richardson Retractor

*Notes:*

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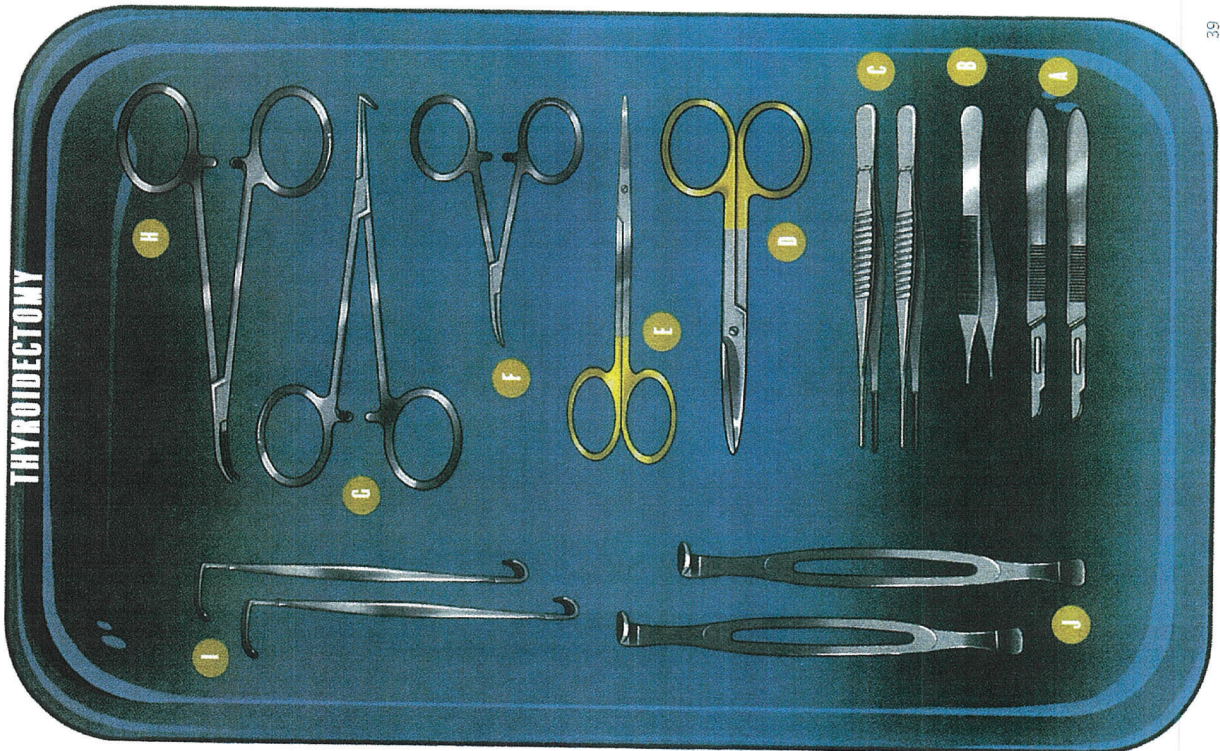
*Don't Forget*

- (2) Laps
- (1) Bovie (long tip open too)
- (1) Suction Tubing
- (1) Yankauer
- (2) Light Handle Covers

- 1. Be aware of what is dirty and clean instruments.
- 2. Right = supine. Left = supine with lithotomy.
- 3. Moisten and tag all laps with a hemostat.
- 4. The deeper you go, the longer the instruments.

*Tech Tips*

**THYROIDECTOMY**



**PROCEDURE: THYROIDECTOMY**

*Instruments:*

- (2) #15 Blades
- (1) Adson Forceps
- (2) Debakey Forceps
- (1) Straight Mayo Scissors
- (1) Metz
- (1) Hemostat
- (1) Right Angle
- (1) Tonsil
- (2) Sharp Senns Retractors
- (2) Army Navy

*Notes:*

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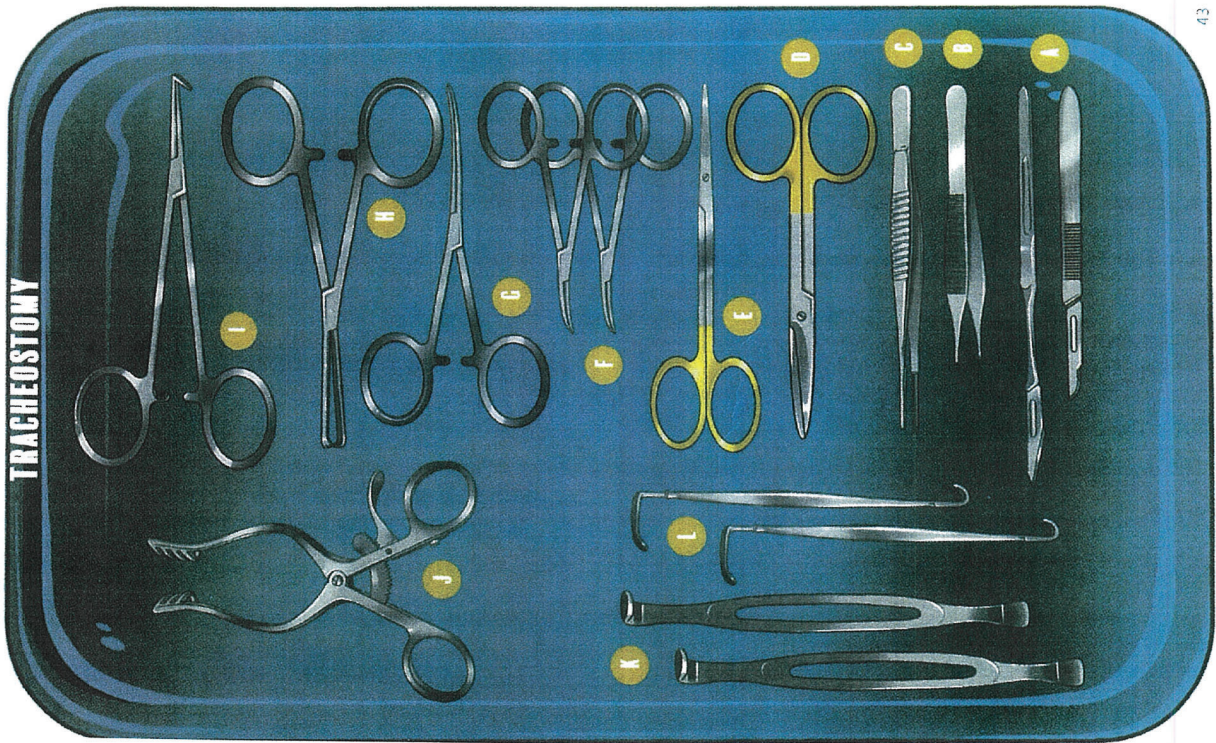
*Don't Forget*

- (2) Raytecs
- (1) Bowie
- (1) Suction Tubing
- (1) Yankauer
- (2) Light Handle Covers

1. DO NOT BREAKDOWN YOUR TABLE UNTIL PATIENT LEAVES THE ROOM. KEEP IT STERILE!
2. You might need a Harmonic Scalpel and an Alexis.
3. Small and medium ligoclips.

*Tech Tips*

**TRACHEOSTOMY**



**PROCEDURE TRACHEOSTOMY**

*Instruments:*

- (2) #15, #11 Blade
- (1) Adsons with Teeth
- (1) DeBakey Forceps
- (1) Straight Mayo Scissors
- (1) Metz
- (2) Hemostats
- (1) Kelly
- (1) Allis
- (1) Right Angle
- (1) Dull Weitlaner
- (2) Army Navy
- (2) Sharp Senns Retractor

*Notes:*

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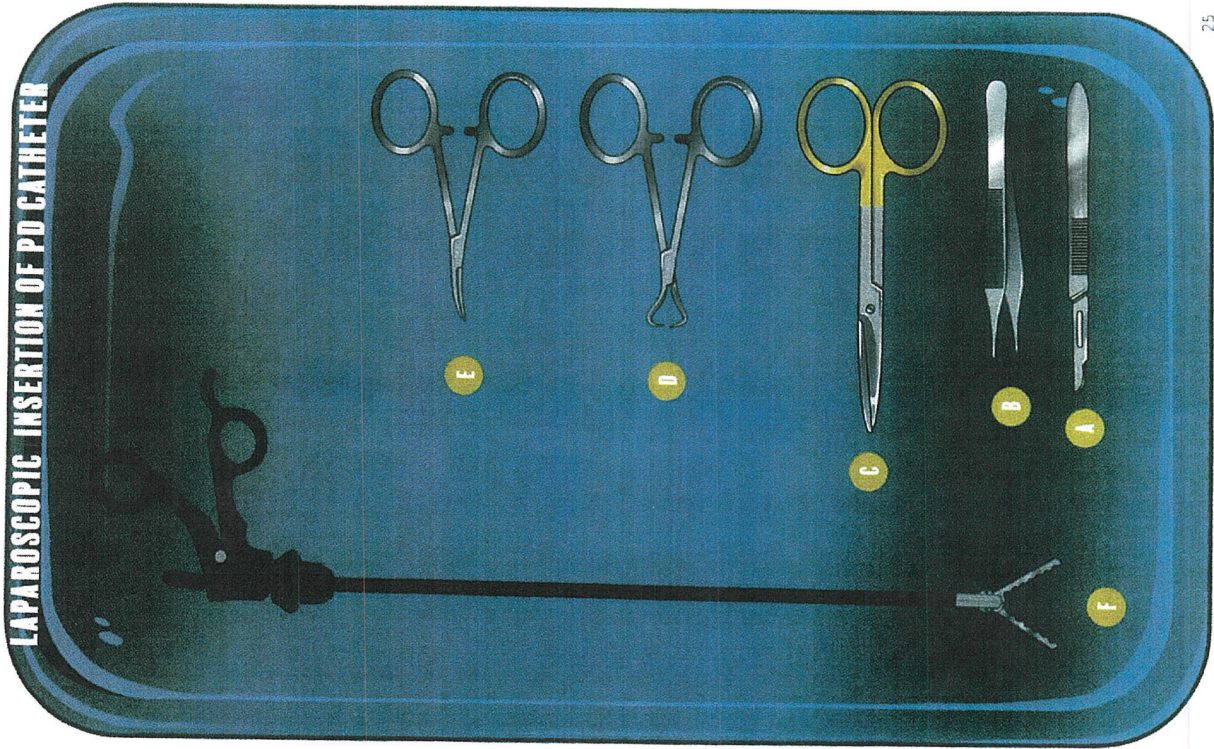
*Don't Forget*

- (2) Raytecs
- (1) Bovie
- (1) Suction Tubing
- (1) Yankauer
- (2) Light Handle Covers

1. DO NOT BREAKDOWN YOUR TABLE UNTIL PATIENT LEAVES THE ROOM. KEEP IT STERILE!
2. You need lube for the tracheostomy tube.
3. Surgeon might ask for a pointed bovie tip. Read preference card.

*Tech Tips*

**LAPAROSCOPIC INSERTION OF PD CATHETER**



**PROCEDURE LAP INSERTION OF PD CATHETER**

*Instruments:*

- (1) #15 Blade
- (1) Adsons with Teeth
- (1) Straight Mayo Scissors
- (1) Towel Clip
- (1) Hemostat
- (1) Lap Atraumatic Grasper

*Notes:*

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*Don't Forget*

- (2) Raytecs
- (1) Bovie (available)
- (1) Suction Tubing
- (1) Yankauer
- (2) Light Handle Covers

1. Most used scope is 5mm 30 degrees.
2. To white balance the scope, point it on a white part of the raytec and press, hold, "W" until screen says, "White Balance Complete".
3. Don't open catheter until surgeon specifies size.

*Tech Tips*