

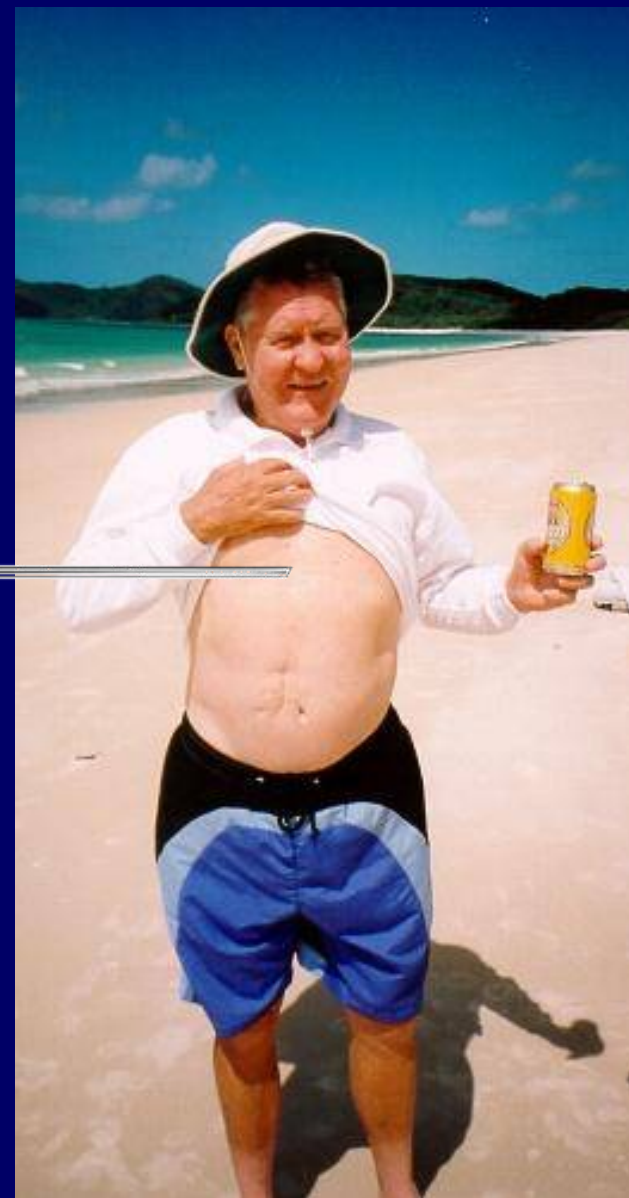
# Port Position in MAS



**R. K. Mishra**



Where Should I  
Put my Port?



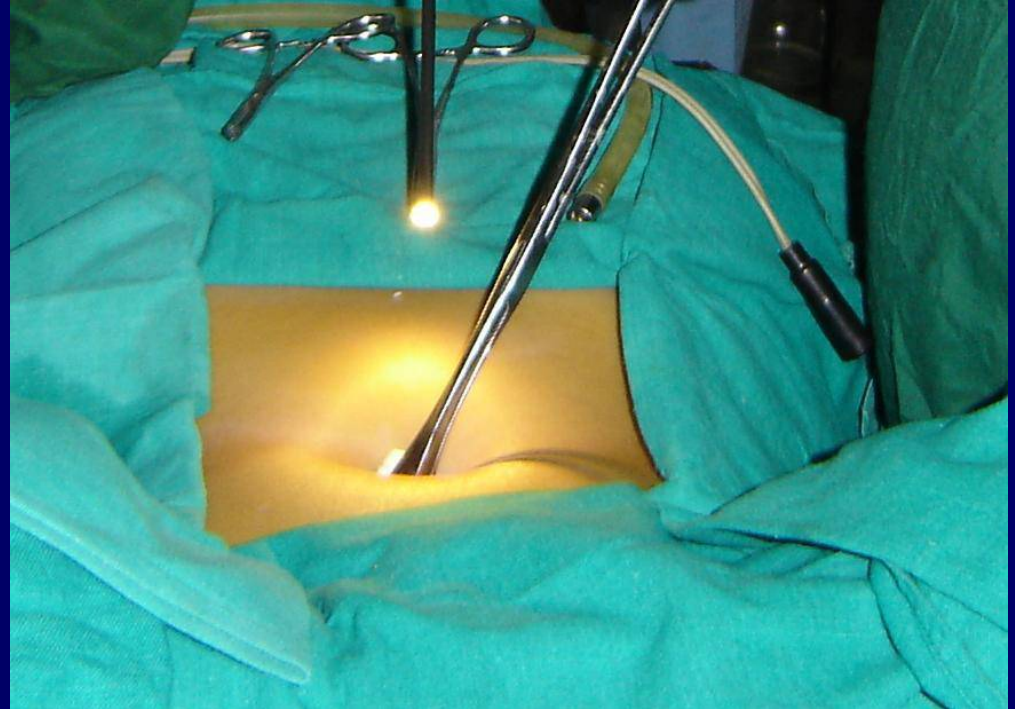
# Statistics

The most common cause of stressful surgery is wrong port position



# Is Umbilicus Safe For Primary Port ?

- Wound infection at the umbilicus is similar to that at other sites
- Postoperative ventral hernia at the umbilicus is similar to that at other sites



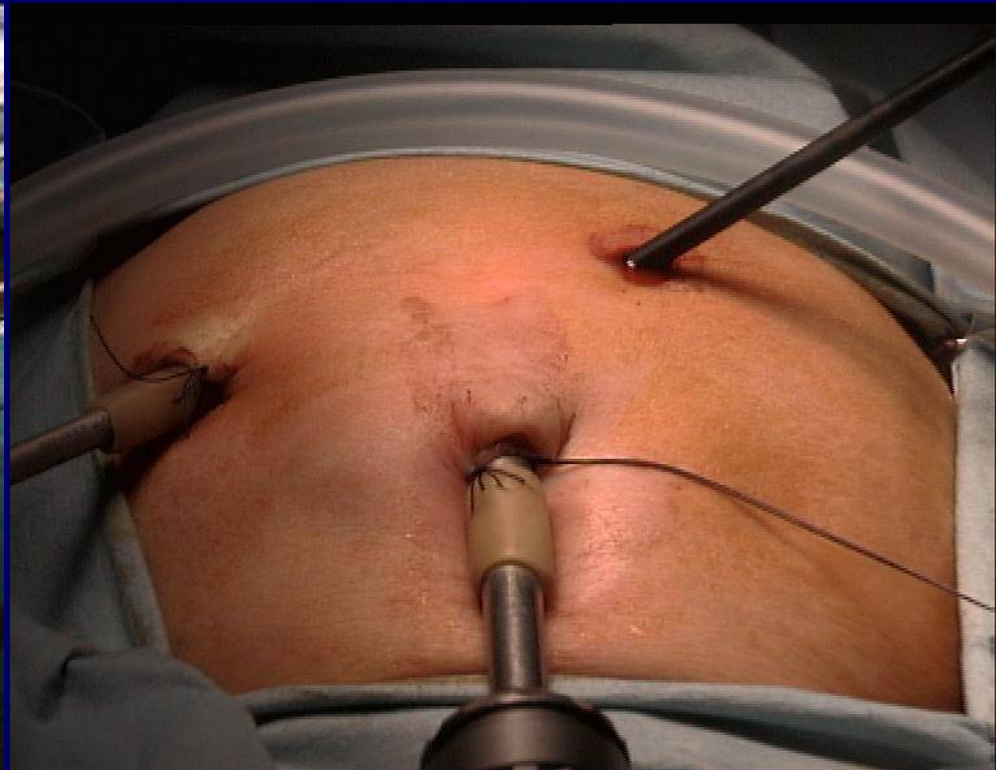
**The central location and ability of the umbilicus to camouflage scars make it an attractive primary trocar site for laparoscopic surgery.**





For Operative Surgery Follow

# Base Ball Diamond Concept

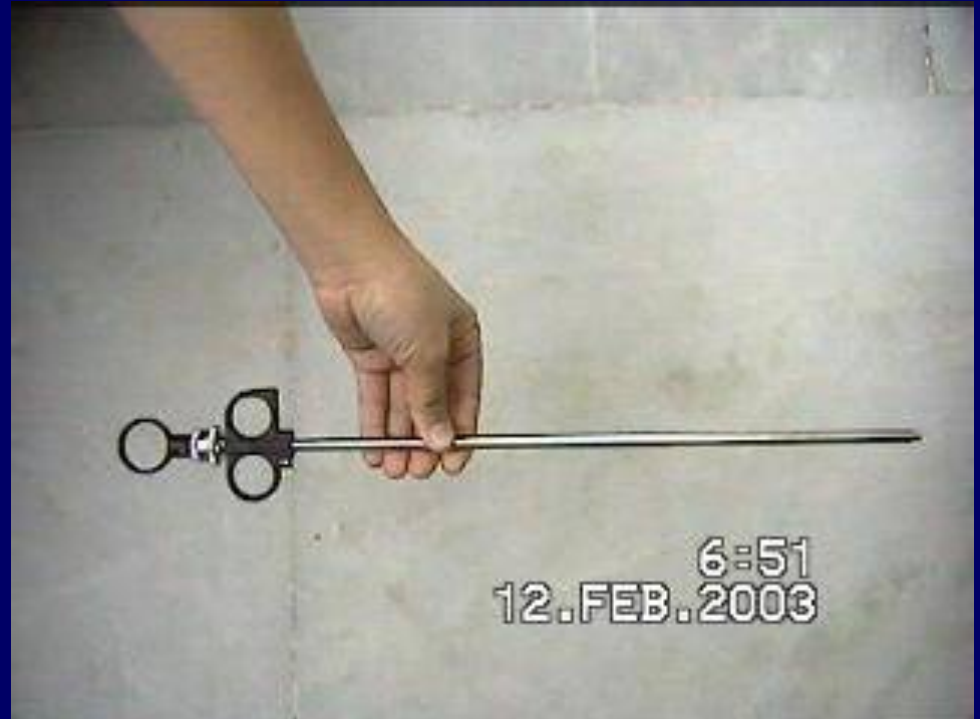


# First Decide the Target



# Find The Length Of Your Instrument

For optimum task performance the half to two third instrument should be inside the abdomen

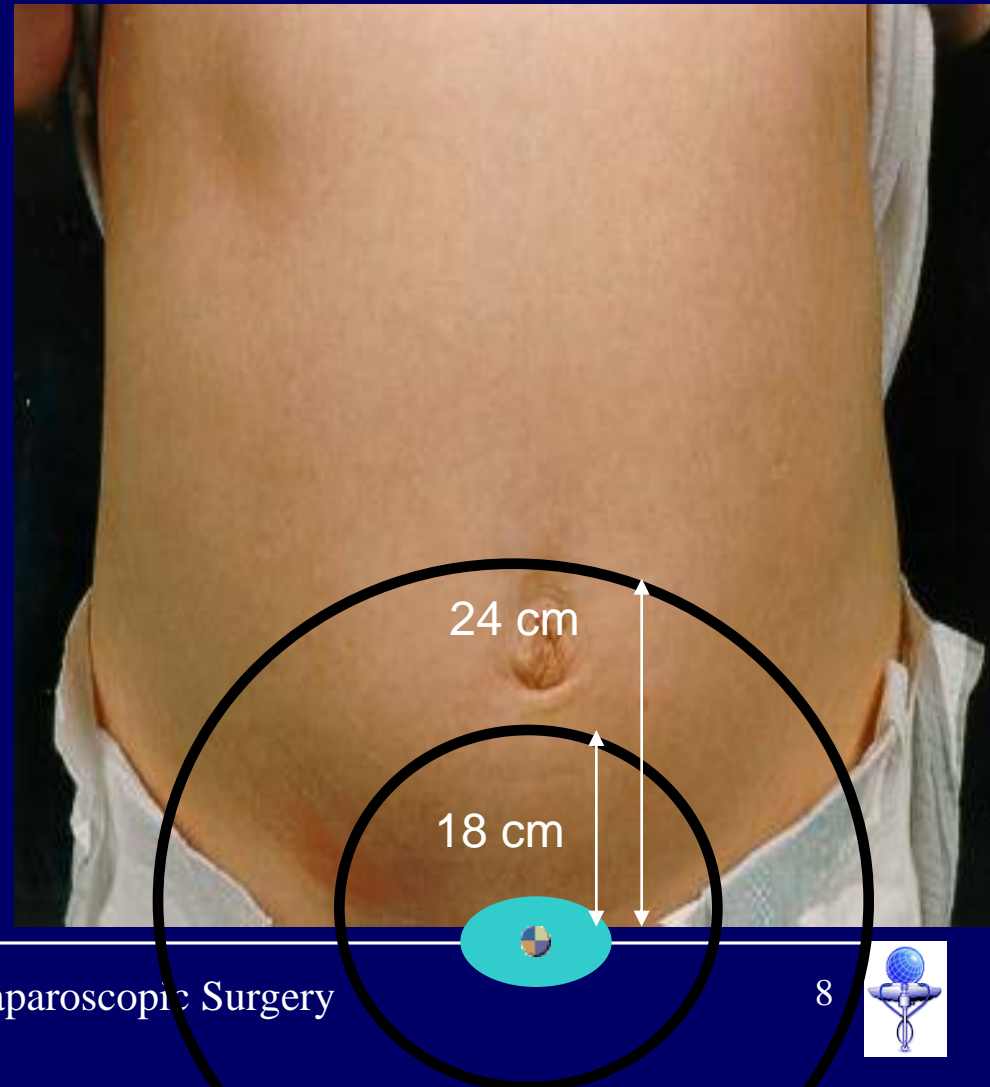


Size of Adult Laparoscopic Instrument is **36 Cm** & Paediatrics Instrument is **28 cm**



# Draw The Line Of Optimum Area

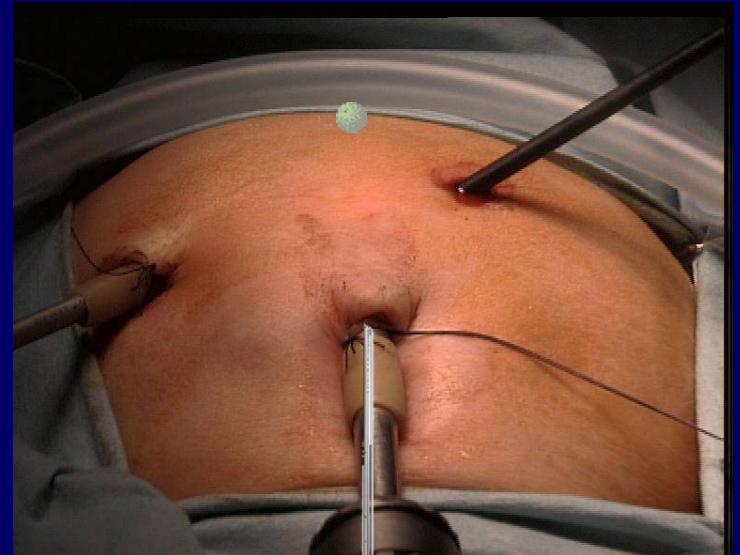
Draw two arcs on the abdominal wall at 18 and 24 cm from that point and note the area in between



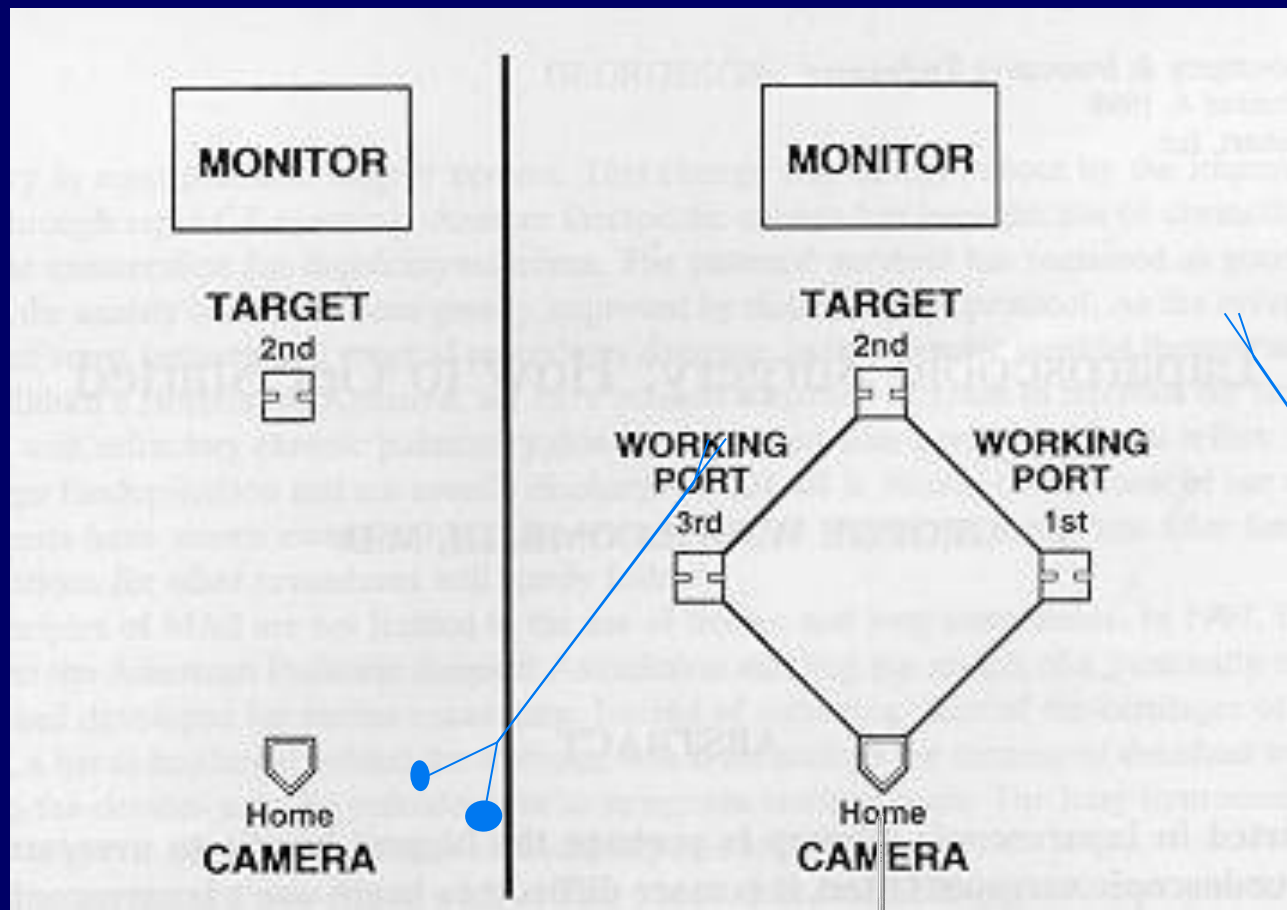


# Telescope & Instruments

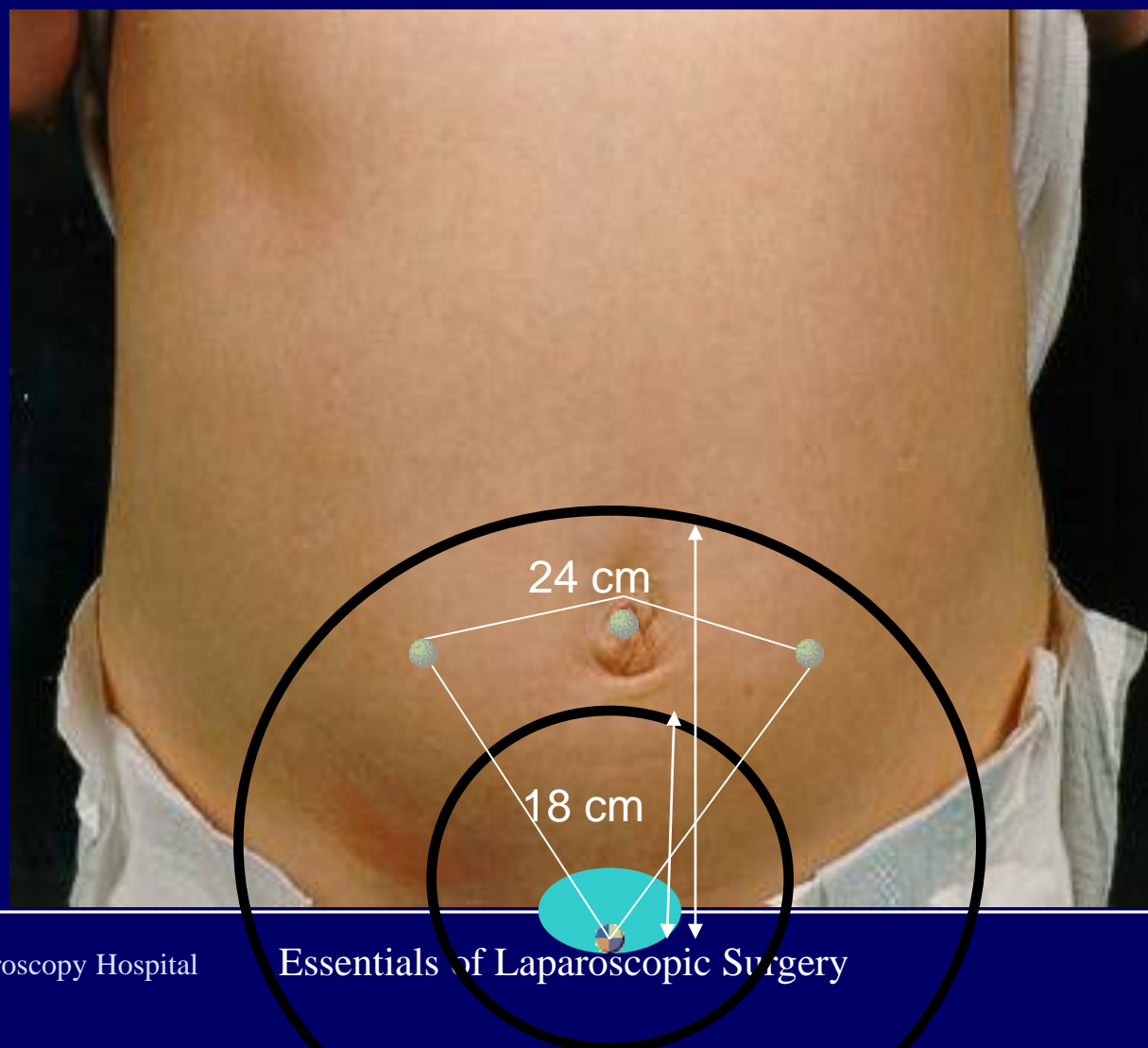
1. Telescope should be in the middle of instruments
2. Manipulation angle of instruments should be 60 degree



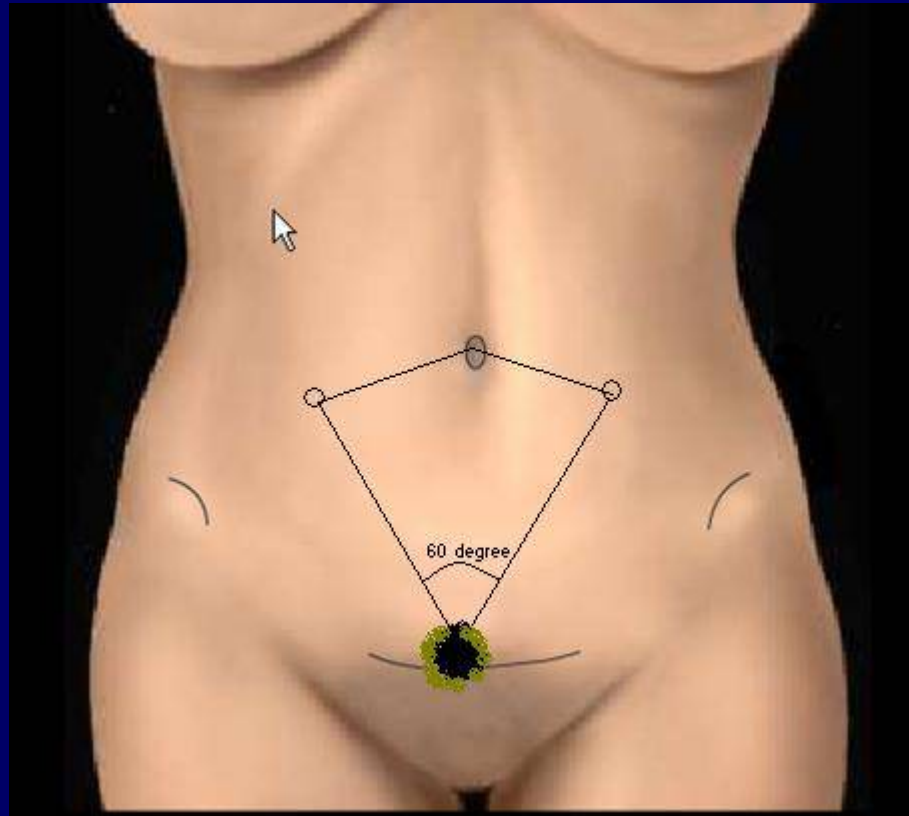
# “Baseball Diamond” Concept



# Rule Of Diamond

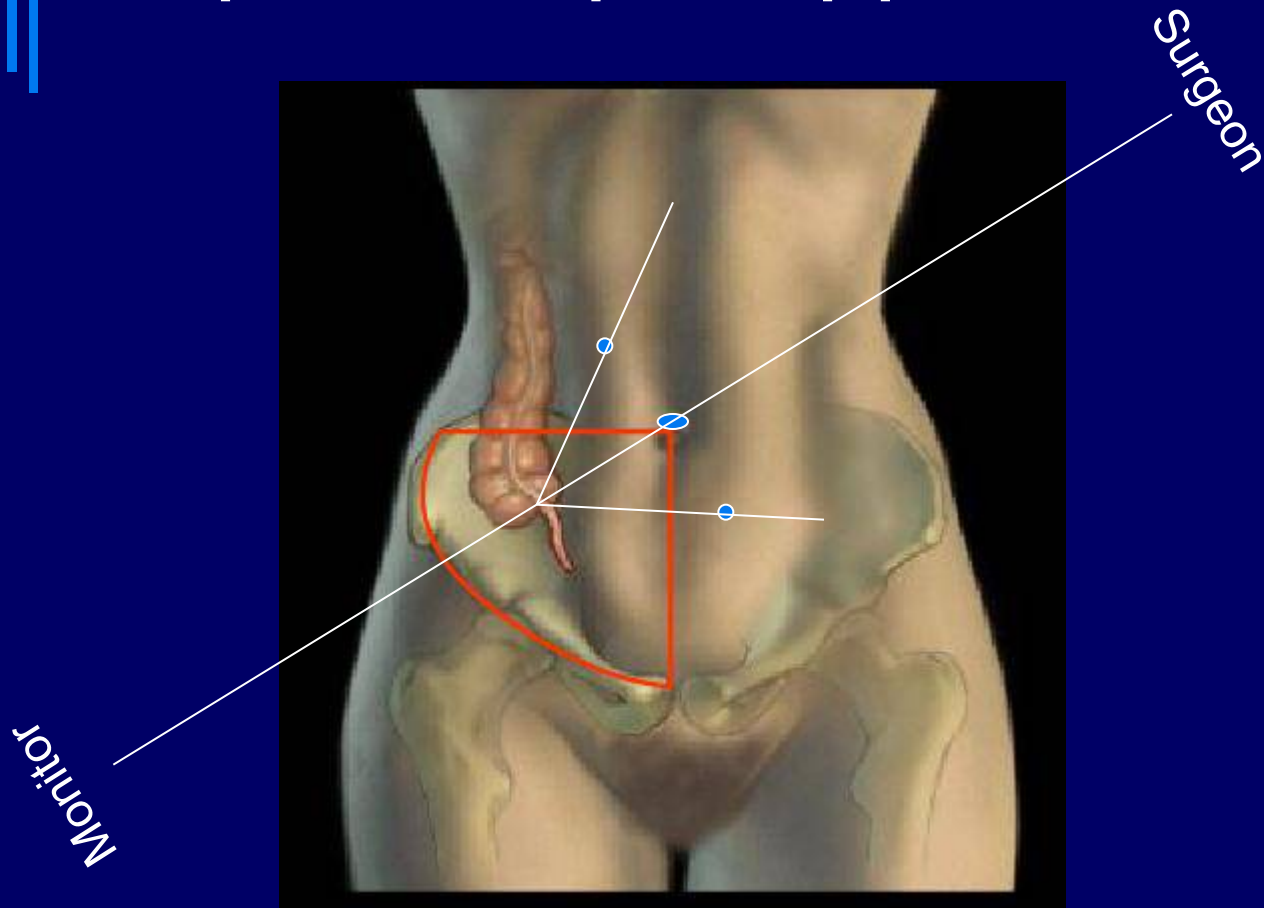


# Rule Of Diamond



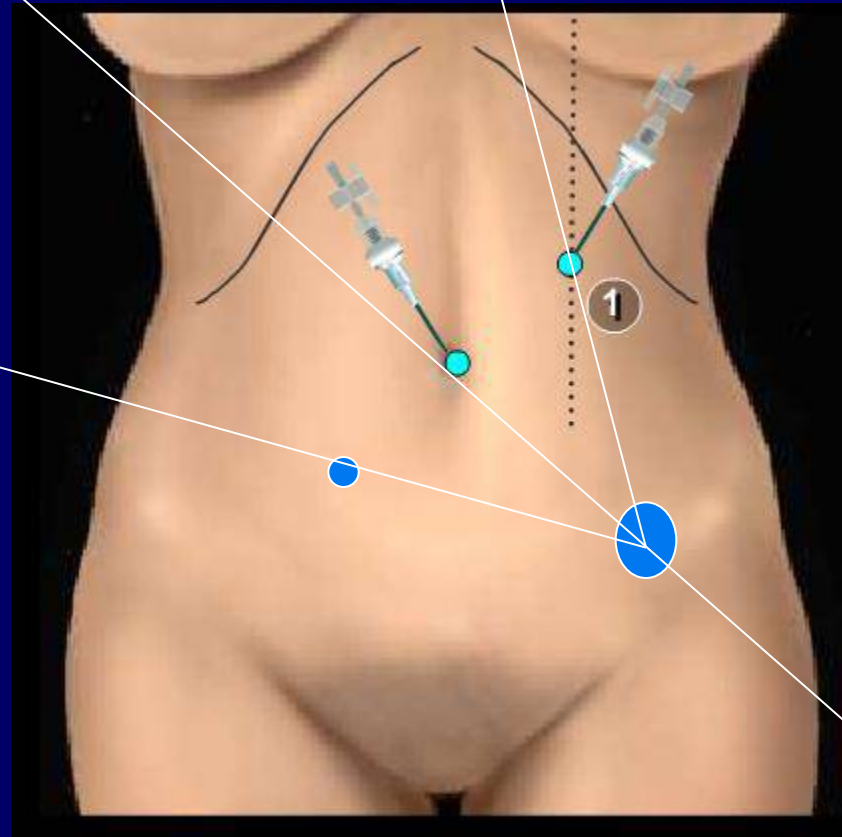


# Laparoscopic Appendectomy



# Laparoscopic Hernia

Surgeon



Monitor



# Drawing with Surgical Sketch





“Baseball Diamond” concept

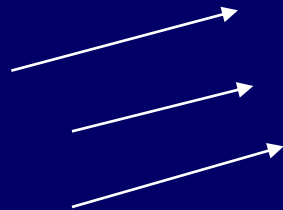




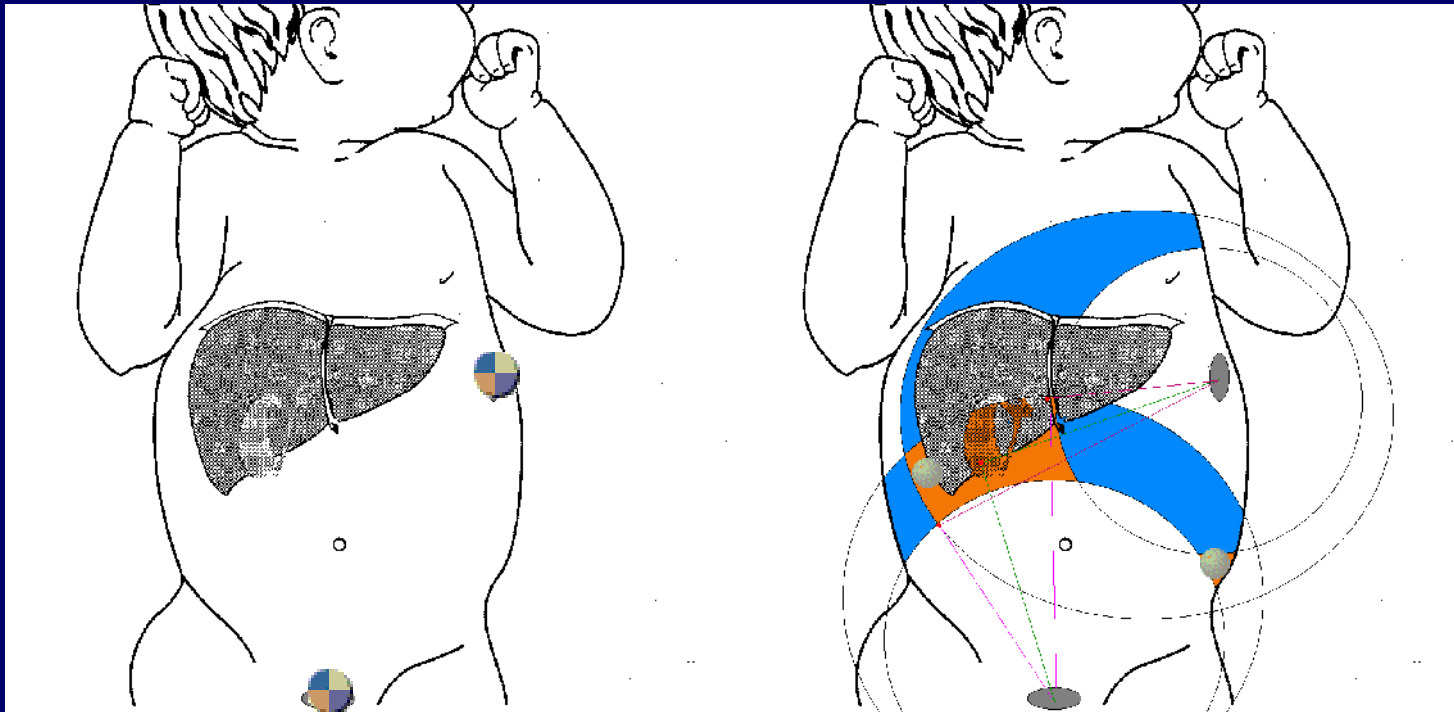


# Splenectomy

*"Baseball Diamond" concept*



# If There Are Two Targets ?



**That part of the abdominal wall which is common to the two areas marked is the best site for the ports.**



**Rule of  
Diamond  
Not  
Always  
Applicable**



**Retroperitoneoscopy**





# Rule Not Applicable Always





# Hemi-Nephroureterectomy



Thank you



Our Advance course at Iranian Hospital, Dubai

