

THE ROLE OF NURSES IN LAPAROSCOPY

NGUYEN PHUC CAM HOANG

Dept. Urology, Binh Dan hospital

SCRUB NURSE IN LAPAROSCOPY:

Nurses specialized in operating theater

Trained in Laparoscopy:

- Sterilization of instruments

- Maintenance of instruments

- Deployment of instruments on operating table

- Calibrating the optic, light source, insufflation

SCRUB NURSE IN LAPAROSCOPY

Nurses specialized in operating theater

Trained in Laparoscopy:

Connecting the cables: electric, light source, insufflation

Handling and passing the instruments to surgeon

Demisting the operative field (desufflation), port holding

Often: cameraman

SCRUB NURSE IN LAPAROSCOPY

Sterilization of instruments : Protocole

Solution

Duration of time

Cleansing solution

SCRUB NURSE IN LAPAROSCOPY

Maintenance of instruments : Protocole

Cleansing: soil, blood, burnt tissue

Storing

Maintenance of optic

SCRUB NURSE IN LAPAROSCOPY

Deployment of instruments on operating table:

Open surgery instruments: scalpel, halsted, Farabeuf,...

Lap. Instruments: ports, scissors, dissector, Babcock,
suction, handle of clips, hem-o-lok,
Harmonic scalpel, optic

SCRUB NURSE IN LAPAROSCOPY

Calibrating the optic, light source, insufflation

Optic: cleansing, focusing, white balancing

Light source: on surgeon's demande

Insufflation of CO₂ gaz: 12-16 mmHg

SCRUB NURSE IN LAPAROSCOPY

Connections

Light source cable

Insufflation cable

Suction

Electric fulguration, cutting (mono, bipolar)

Harmonic scalpel,.....

SCRUB NURSE IN LAPAROSCOPY

Cameraman: Assistant, Nurse

Zooming

Steadying

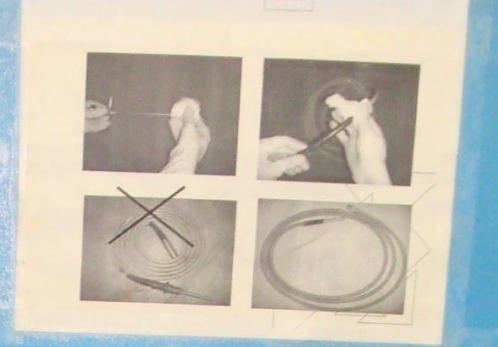
Centering

Angling

Demisting

Cleansing

Sterilization of instruments



Diluted Cidex

Sterile water





Deployment of instruments on operating table



Deployment of instruments on operating table



Deployment of instruments on operating table

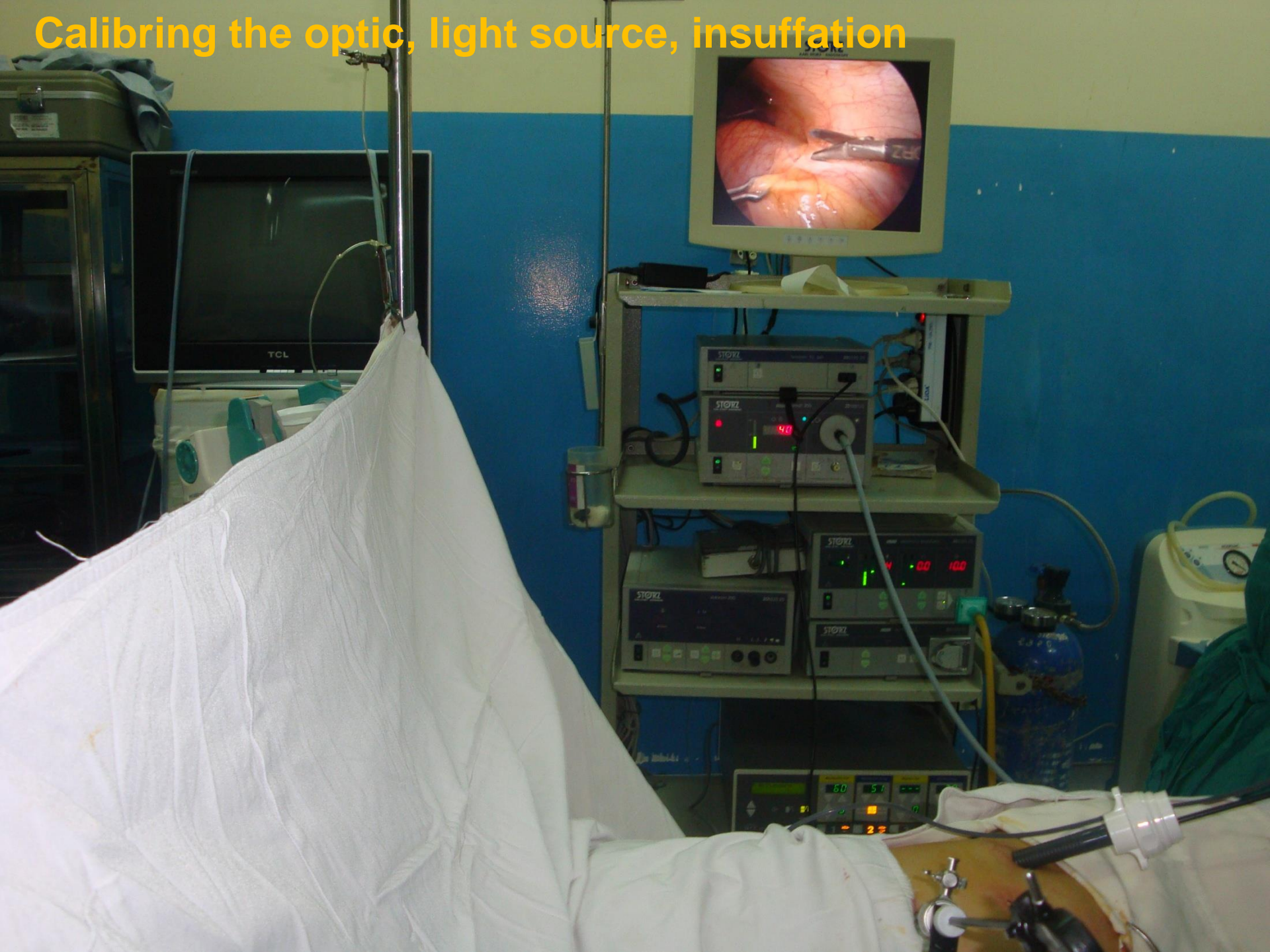


Deployment of instruments on operating table

Calibrating the optic, light source, insufflation



Calibrating the optic, light source, insufflation



Connecting the cables: electric, light source, insufflation



Handling and passing the instruments to surgeon





Handling and passing the instruments to surgeon



Handling and passing the instruments to surgeon



Demisting the operative field (desufflation), port holding

Cameramen: assistant



Cameraswoman



Cameraswoman





Sometimes: having a rest

Dry lab: boxes



Dry lab: boxes



Dry lab: boxes



Dry lab: boxes



Student practising



Student practising



Student practising





**THANK YOU
VERY MUCH**