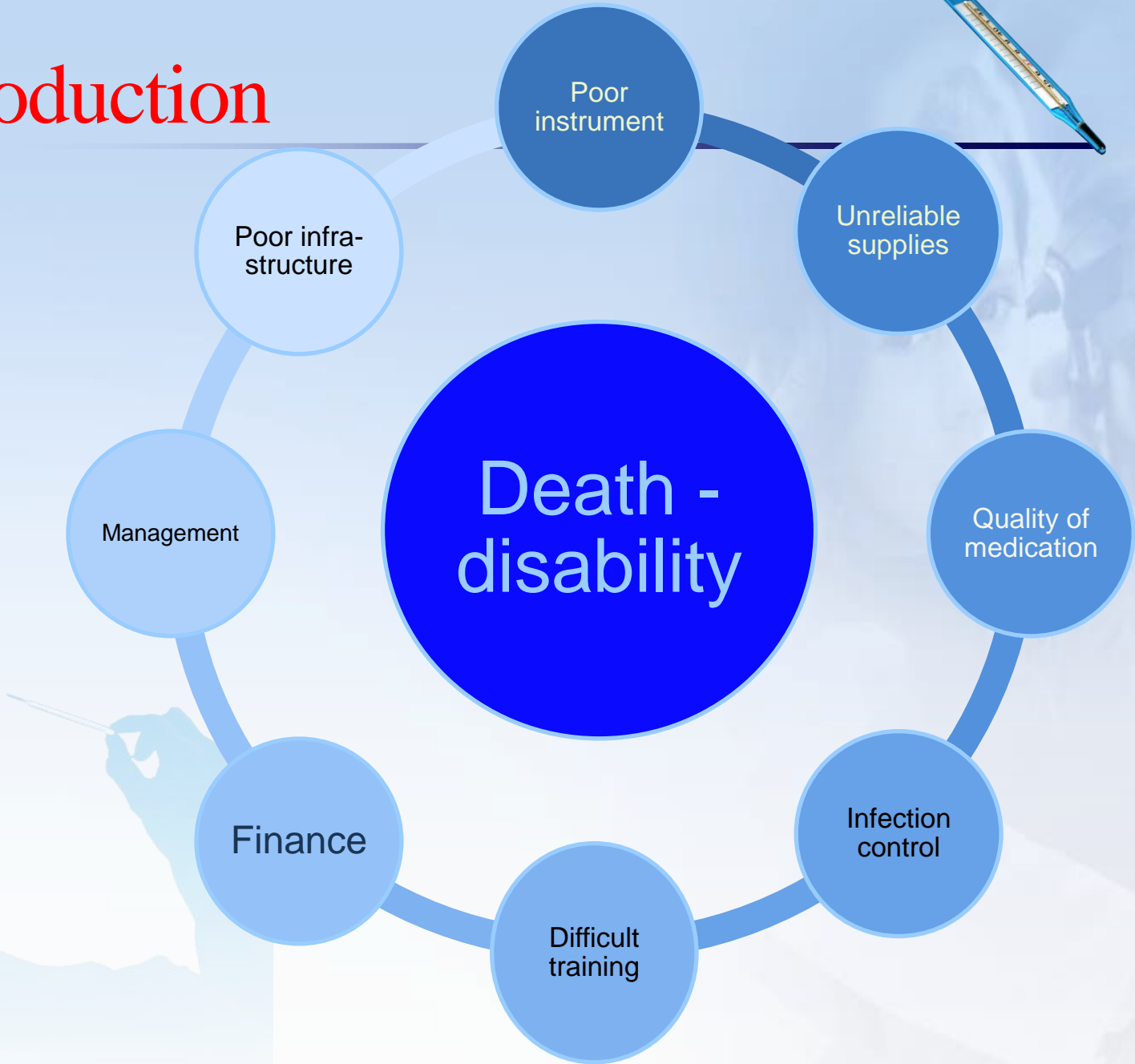




SAFE SURGERY

safe surgery saves lives

introduction



10 essential objectives for safe surgery



evidence

recommendations

10 essential
objectives

Objective 1

operate on the correct patient at the correct site



Site marked



Wrist band

Patient's information



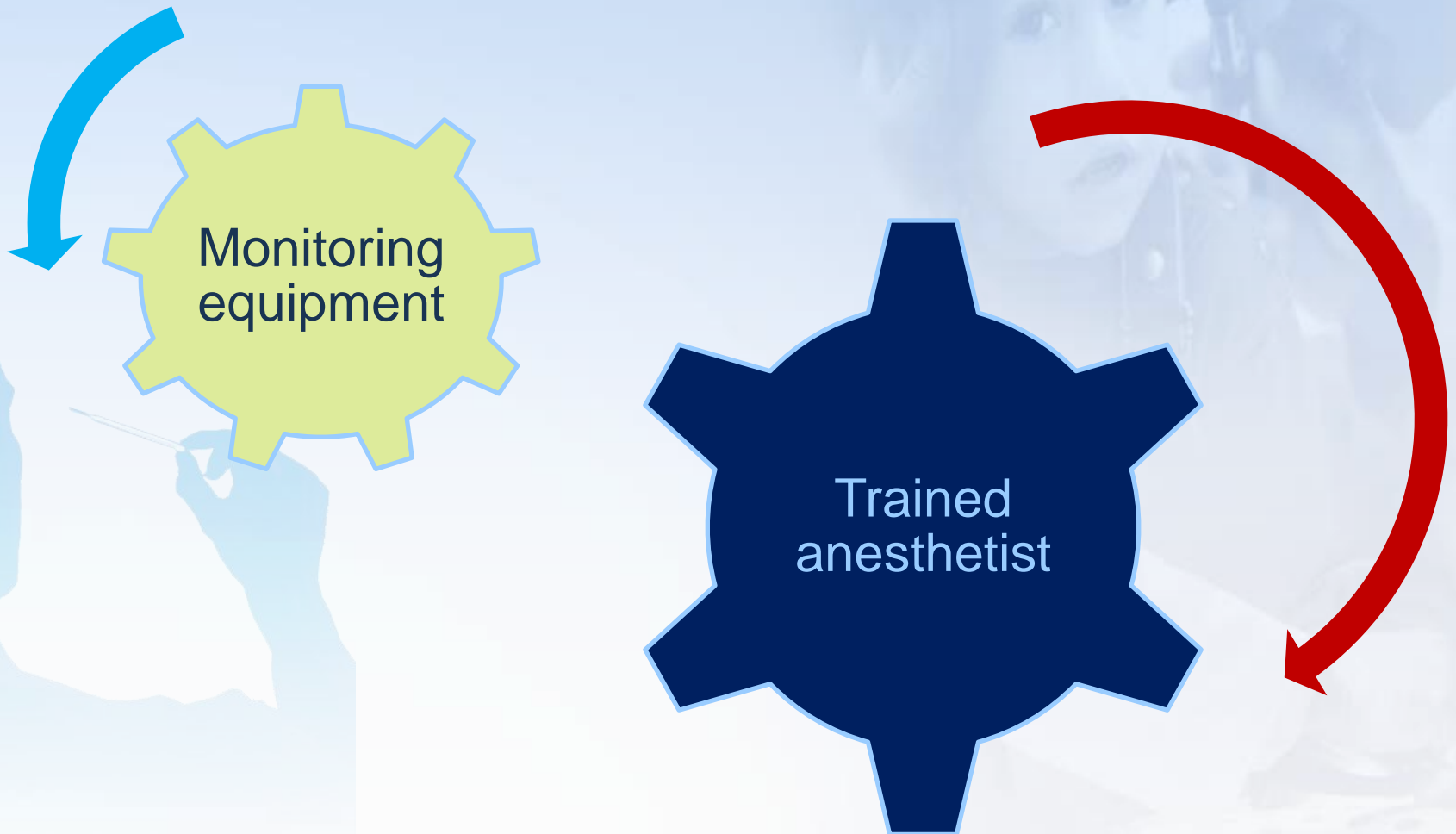
consensus



Objective 2

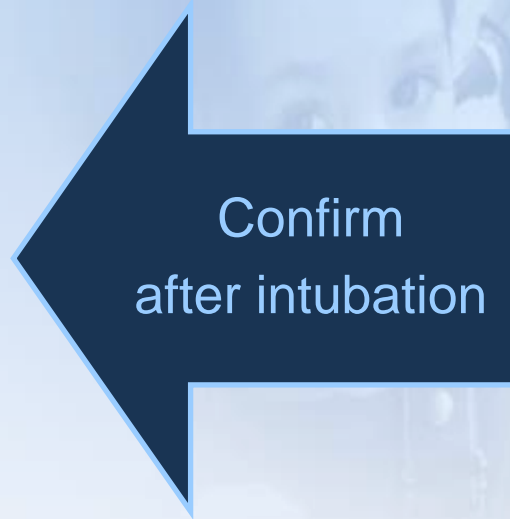
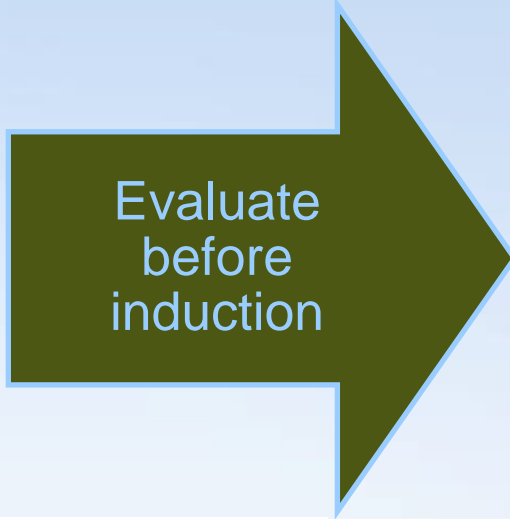


**prevent harm from administration of anesthetics,
while protecting the patient from pain**



Objective 3

prepare for life-threatening
loss of airway or respiratory function



Objective 4

prepare for risk of high blood loss



Venous line
access

Available Blood
products

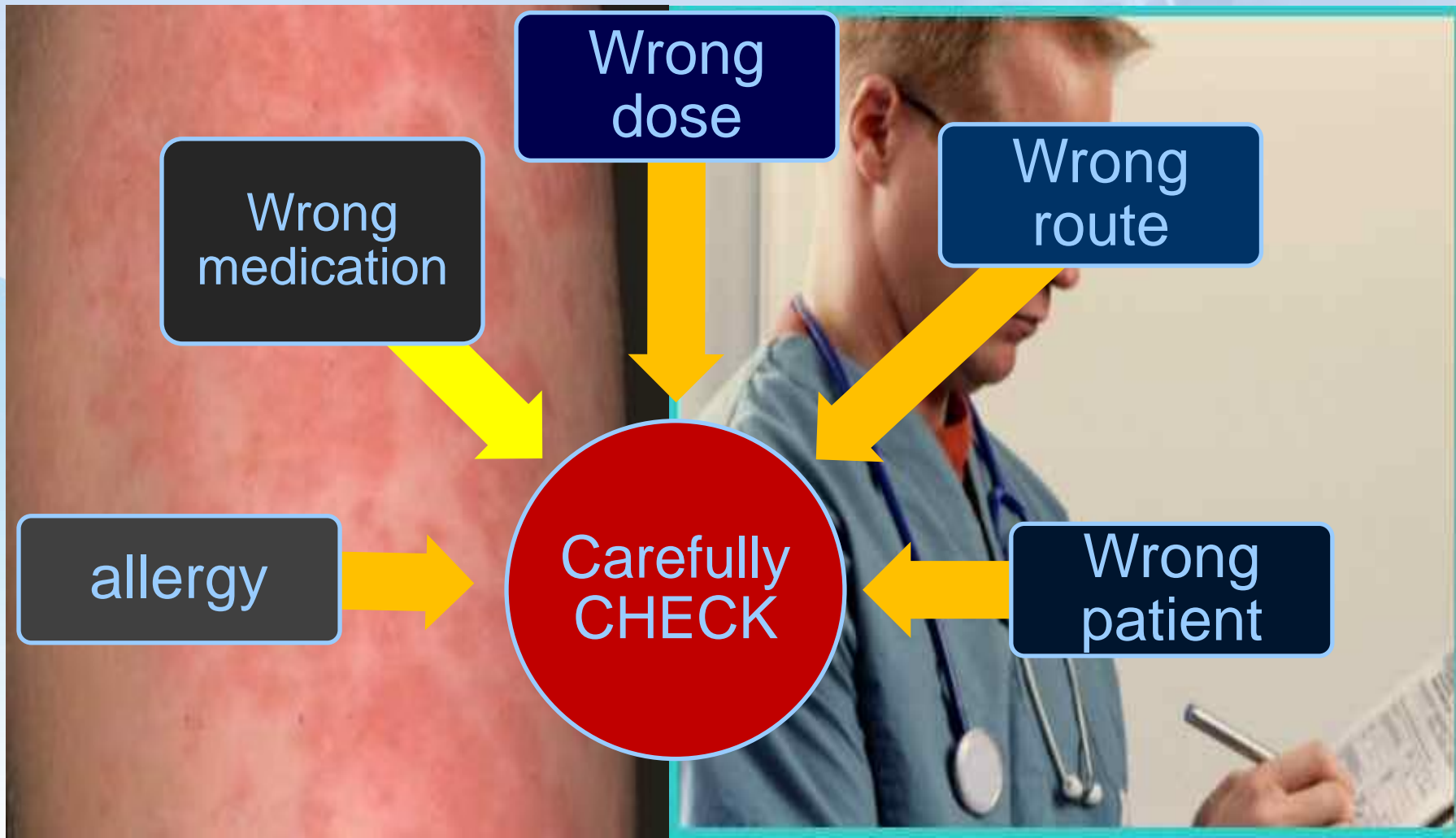
Monitoring



Objective 5



avoid an allergic or adverse drug reaction



Objective 6



minimize the risk for surgical site infection

Antiseptic showering, hair remove, skin preparation

Sterile instrument, attire, drapes, gloves, gowns

Prophylactic agents

Wash hand



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Photo courtesy of ZJ Twartowski

Objective 7

prevent inadvertent retention of instruments and sponges in surgical wounds

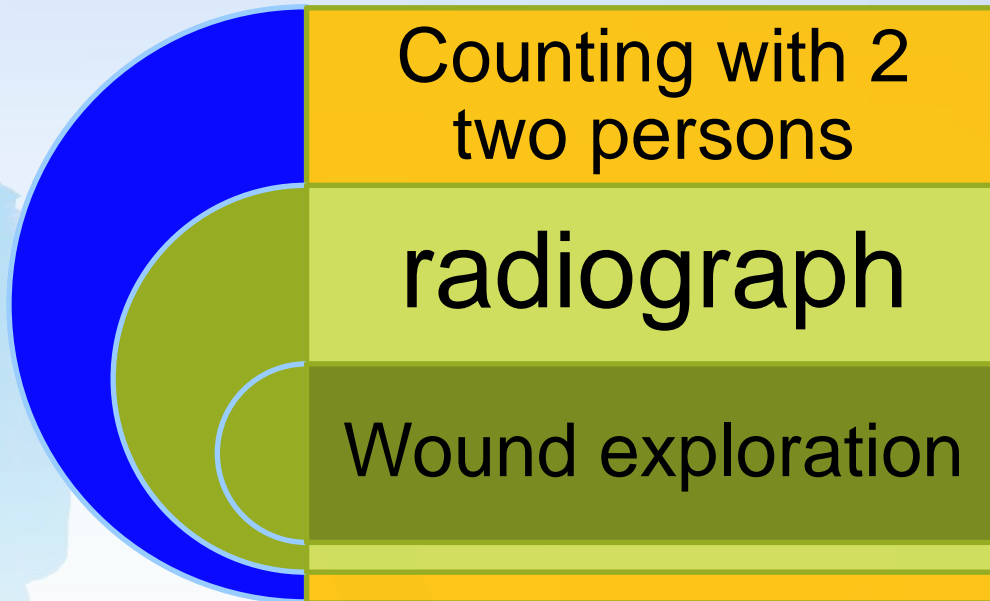
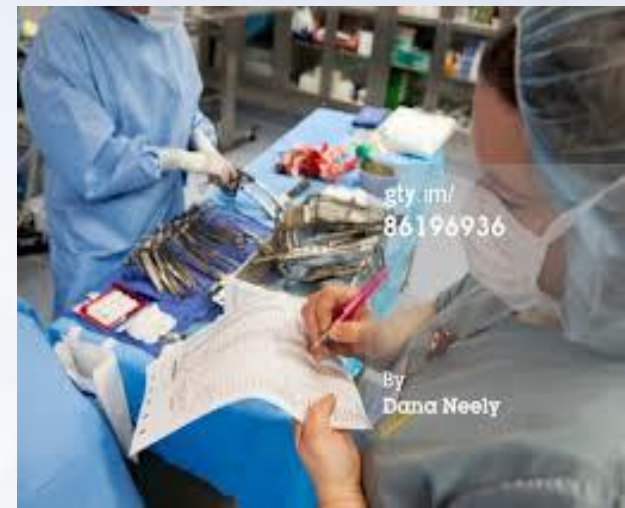


FIGURE 1. An RSO seen on a radiograph

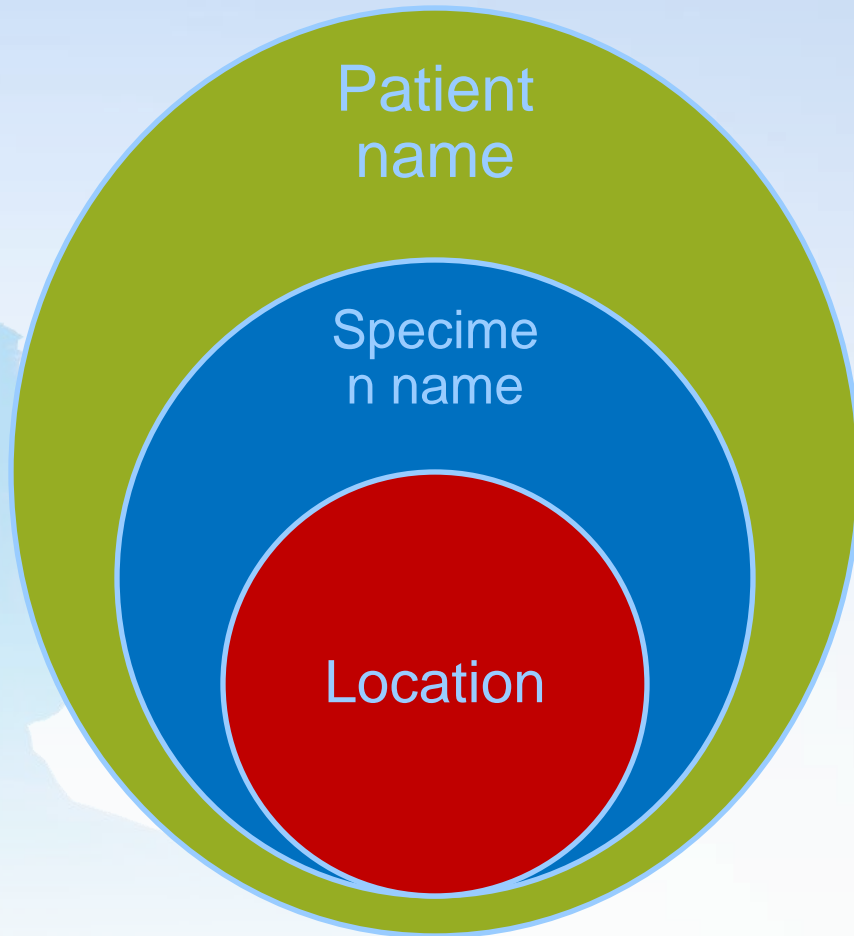


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By
Dana Neely

Objective 8

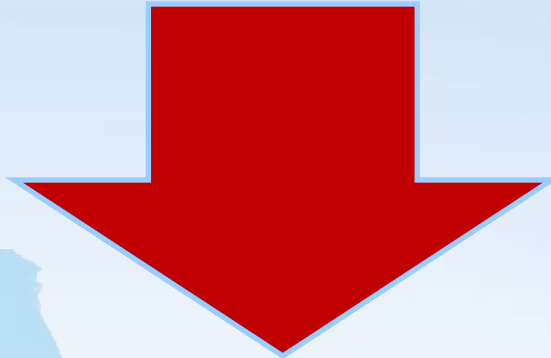
**secure and accurately identify
all surgical specimens**



Objective 9



**effectively communicate and exchange
critical information**



**A culture of teamwork and communication
can lead to better patient outcomes**



Objective 10



Hospitals and public health systems will establish routine surveillance of surgical capacity, volume and results

The surgical statistic may guide policy

Number: operating room, procedures, trainee

Rate of mortality:



Before induction of anaesthesia

(with at least nurse and anaesthetist)

Has the patient confirmed his/her identity, site, procedure, and consent?

- Yes

Is the site marked?

- Yes
 Not applicable

Is the anaesthesia machine and medication check complete?

- Yes

Is the pulse oximeter on the patient and functioning?

- Yes

Does the patient have a:

Known allergy?

- No
 Yes

Difficult airway or aspiration risk?

- No
 Yes, and equipment/assistance available

Risk of >500ml blood loss (7ml/kg in children)?

- No
 Yes, and two IVs/central access and fluids planned

Before skin incision

(with nurse, anaesthetist and surgeon)

Confirm all team members have introduced themselves by name and role.

Confirm the patient's name, procedure, and where the incision will be made.

Has antibiotic prophylaxis been given within the last 60 minutes?

- Yes
 Not applicable

Anticipated Critical Events

To Surgeon:

- What are the critical or non-routine steps?
 How long will the case take?
 What is the anticipated blood loss?

To Anaesthetist:

- Are there any patient-specific concerns?

To Nursing Team:

- Has sterility (including indicator results) been confirmed?
 Are there equipment issues or any concerns?

Is essential imaging displayed?

- Yes
 Not applicable

Before patient leaves operating room

(with nurse, anaesthetist and surgeon)

Nurse Verbally Confirms:

- The name of the procedure
 Completion of instrument, sponge and needle counts
 Specimen labelling (read specimen labels aloud, including patient name)
 Whether there are any equipment problems to be addressed

To Surgeon, Anaesthetist and Nurse:

- What are the key concerns for recovery and management of this patient?

checklist



Before induction of anaesthesia

(with at least nurse and anaesthetist)

Has the patient confirmed his/her identity, site, procedure, and consent?

Yes

Is the site marked?

Yes

Not applicable

Is the anaesthesia machine and medication check complete?

Yes

Is the pulse oximeter on the patient and functioning?

Yes

Does the patient have a:

Known allergy?

No

Yes

Difficult airway or aspiration risk?

No

Yes, and equipment/assistance available

Risk of >500ml blood loss (7ml/kg in children)?

No

Yes, and two IVs/central access and fluids planned

checklist



Before skin incision

(with nurse, anaesthetist and surgeon)

- Confirm all team members have introduced themselves by name and role.**
- Confirm the patient's name, procedure, and where the incision will be made.**

Has antibiotic prophylaxis been given within the last 60 minutes?

- Yes
- Not applicable

Anticipated Critical Events

To Surgeon:

- What are the critical or non-routine steps?
- How long will the case take?
- What is the anticipated blood loss?

To Anaesthetist:

- Are there any patient-specific concerns?

To Nursing Team:

- Has sterility (including indicator results) been confirmed?
- Are there equipment issues or any concerns?

Is essential imaging displayed?

- Yes
- Not applicable

checklist



Before patient leaves operating room

(with nurse, anaesthetist and surgeon)

Nurse Verbally Confirms:

- The name of the procedure
- Completion of instrument, sponge and needle counts
- Specimen labelling (read specimen labels aloud, including patient name)
- Whether there are any equipment problems to be addressed

To Surgeon, Anaesthetist and Nurse:

- What are the key concerns for recovery and management of this patient?

THANKS FOR LISTENING



Thân thiện như chính ngôi nhà của bạn