This resource is provided as a guide to staff undertaking ANTT-Link Training

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Essential ANTT theory for ANTT-Trainers
Here follows the answers to the questions you must know to pass ANTT Competency Assessment before you arrive on the day... if you wish to pass
State the three main ways equipment can be contaminated during aseptic technique
Airborne Contamination

Hand touch contamination

Touch by (contaminated) equipment, surfaces etc.
State the definition of the terms:

Sterile

Asepsis / Aseptic

Clean
**Sterile** – Free from **ALL** microorganisms

**Asepsis/Aseptic** – Free from **pathogenic** organisms in sufficient dose to cause infection

**Clean** – Visibly free from marks and stains
What is the microbiological aim of ANTT?
The aim of ANTT is always ASEPSIS
What type of invasive procedures is ANTT designed for?
ANTT is designed for ALL

Invasive Clinical Procedures

‘From major surgery to care in the community’
What fundamental concept is ANTT based upon?
ANTT is based on a concept called:

**Key-Part and Key-Site Protection**

The competency to **IDENTIFY** the **Key-Parts** of the equipment and **Key-Sites** of the patient that need to be **aseptic** – and then **PROTECT** them at all times

...using basic precautions such as hand cleaning and PPE, plus a comination of aseptic fields and non touch technique.
Name the two types of ANTT..
Standard-ANTT

The technique is different

The aim is the same - asepsis

Surgical-ANTT
Describe the main difference in the way Key-Parts are managed in Standard-ANTT and Surgical-ANTT
Standard-ANTT

- Key-Parts protected **individually** with Micro Critical Aseptic Fields

- **Non Sterile** Gloves
- Non-Touch Technique **mandatory**

Surgical-ANTT

- All Key-Parts protected **together** on a large Critical Aseptic field

- **Sterile Gloves** essential
- Non-Touch Technique **optional**
State the **ANTT Risk Assessment** – used to determine **Standard-ANTT or Surgical-ANTT**
ANTT Risk Assessment:

‘Is it technically simple to maintain asepsis of Key-Parts by not touching them?’

Yes

Standard-ANTT

No

Surgical-ANTT
State some practice variables the ANTT risk assessment is based upon
The number of Key-Parts
Size of Key-Parts
Practitioner competency
The procedure environment
Procedure duration
Level of invasiveness
State the definition of a Key-Part
Key-Parts are the critical-parts of the equipment that if contaminated will transfer microorganisms to the patient.
State the definition of a Key-Site
Key-Sites are any break in the patients natural skin integrity that provides a portal of entry for microorganisms
What is the **Key-Part rule**?
The Key-Part rule is.....

*Key-Parts must only come into contact with other aseptic Key-Parts or Key-Sites*
Name the three types of aseptic fields used in ANTT
Lets think about these terms a bit more...
Understanding Aseptic Field types in ANTT

A **GENERAL** Aseptic Field – only ‘promotes’ asepsis
  e.g. A disinfected plastic tray. It’s main purpose is to transport the equipment to the patient.

A **CRITICAL** Aseptic Field – ‘ensures’ asepsis
  e.g. A sterile drape OR a sterile cap, OR the inside of a syringe packet etc. Its main purpose is to ensure asepsis by protecting Key-Parts.

Think about it; The inside of a syringe packet offers the same level of physical protection to a Key-Part as a sterile drape. In fact, it’s probably better as it covers the Key-Part.

This is why such caps and covers are terms ‘Micro Critical Aseptic Fields’
Explain the difference in Non Touch Technique for Standard-ANTT and Surgical-ANTT
Non Touch Technique

Standard-ANTT

Non touch-technique is MANDATORY

Surgical-ANTT

Even though sterilized gloves are worn it is still desirable not to touch Key-Parts if practical possible not to do so
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