



INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

COMPACT  
Kompetence v jazykovém vzdělávání

## **MEDICAL INSTRUMENTS AND EQUIPMENT** **STERILE PROCEDURES**

A central sterile supply department is provided in most modern hospitals. The basic equipment for sterile procedures is obtained in sterile packs from the CSSD. Disposable equipment is often contained in these packs, and, after use, discarded. Non-disposable equipment is sent back to the CSSD for re-sterilization.

The following items are normally included in the basic dressing pack: four cotton wool swabs, two dressing towels, four pieces of folded gauze and two gallipots. Sometimes the necessary surgical instruments are included in the dressing pack, sometimes they are supplied in separate packs. A pair of scissors and four pairs of plain dressing forceps are generally needed for ward dressings.

### **THE DRESSING TROLLEY AND HOW IT IS PREPARED**

The trolley is washed with soap and water or mopped with an antiseptic such as Sudol. It is then dried. The sterile equipment is put on the top shelf, and the unsterile equipment is put on the bottom shelf.

Top shelf:

- Sterile pack or bowl containing dressings
- Sterile gallipots
- Sterile pack or box containing instruments
- Jar or cylinder containing instrument handling forceps

Bottom shelf:

- Bandage tray
- Bottles containing antiseptics
- Jar or cylinder for used instruments
- Paper container for soiled dressings

### **SOME ITEMS FROM THE DRESSING TROLLEY**

Cheate's forceps are used for handling sterile instruments. They are sterilized by boiling and placed in a jar containing a suitable disinfectant. The blades and the lower halves of the handles are immersed in the disinfectant. The bandage tray contains a selection of bandages, adhesive strapping, Nobecutane, a pair of bandage scissors, safety pins and bandage clips.

The lotion bottles contain Cetrimide or Hibitane for cleaning the skin, and methylated ether for removing Nobecutane or marks left by adhesive tape. The jar for used instruments contains a suitable disinfectant. Lysol 1 in 40 is often used.

If stitches are to be removed, a pair of sterile suture scissors is added to the basic dressing equipment. If clips are to be removed, a pair of sterile clip-removing forceps is added.

EXERCISE: Match.

1. A wound probe and sinus forceps are used for	A. removing clips.
2. Cheate's forceps are used for	B. taking out stitches.
3. Artery forceps are used for	C. cutting bandages.
4. A syringe and needle are used for	D. listening to the sound of heartbeat.
5. Bandage scissors are used for	E. handling sterile dressings.
6. Dissecting forceps are used for	F. measuring blood pressure.
7. Suture scissors are used for	G. taking temperature.

8. Clip-removing forceps are used for	H. handling sterile instruments.
9. A thermometer is used for	I. stopping bleeding.
10. A sphygmomanometer is used for	J. giving injections.
11. A stethoscope is used for	K. exploring a wound.

Adapted from:

<http://www.science-laboratory-equipment.com/medical-instruments.htm>