**Instruments / equipment**

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| Instruments/ Equipment | Uses |
| Towel holding clamps  C:\Users\tc\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\67556493.tmp | * These are introduced through the ground drapes (at a corner where two drapes meet) and through the patient's skin to securely hold the surgical drape during a surgical procedure. * Towel clamps can also be used to secure suction lines, electrocautery cables, and power equipment lines to drapes but this is less desirable because it creates a hole in the drape in an area that may not have been surgically prepared |
| Needle holders | * This instrument is used to hold and manipulate curved needles during surgical procedures |
| Sponge holding clamp | * Holds sponges, gauzes or sensitive medical supplies as well as antiseptic cotton swabs and gauze before the surgery |
| Scalpel blade #10  Image result for scalpel blade #10 | * Used for large skin incisions and incising soft tissue |
| Scalpel holder #3  C:\Users\tc\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\B08C3176.tmp | * For holding the scalpel blades #10,11,12,15 disposable blades and used for dissection |
| Straight mayo scissors  C:\Users\tc\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\CD6A4B22.tmp | * For cutting sutures and ligatures or trimming the skin around a wound * Known as the “suture scissors” |
| Curved mayo Scissors  Image result for curved mayo scissors | * Allows deeper penetration into the wound and used to cut thick tissues like fascia, tendons and ligaments |
| Bandage scissors  Image result for dressing scissors | * Used for sizing dressing and removing circumferential bandages * Also used to cut plaster, fabric and occasionally umbilical chord |
| Thumb forceps  C:\Users\tc\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\E8D3BCCC.tmp C:\Users\tc\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\1E50D0D8.tmp | * Used for the manipulation and grasping of tissues during surgery. They are non-locking, they contain a grasping surface and may or may not have teeth. Forceps without teeth are thought to cause less tissue trauma |
| Surgical drapes  C:\Users\tc\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\2CEBFFA4.tmp | * Used to maintain a sterile surgical field and reduce the risk of transmission of pathogens to both patient and surgeon |
| PDS II | * Acceptable to use for abdominal or thoracic wall closure |
| Polypropylene  C:\Users\tc\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\D3EEA6D9.tmp | * In repairing of the posterior inguinal wall in hernia operations * Closure of skin incisions |
| Sterile gauze  C:\Users\tc\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\C4779530.tmp | * Used for absorbing fluids as well as dressing and protecting wounds * It acts as a barrier to prevent contaminants from entering any wound area that it covers and absorbs any blood or fluid that seeps out of the wound |
| IV Solution set  Image result for interlink system solution set use Related image | * Used for intravenous therapy that delivers liquid substances directly into the vein |
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| Lactated ringers’ solution  Image result for hartmann solution ringer | * IV fluid therapy * It is the most physiologically adaptable fluid because it’s electrolyte content is mostly closely related to the composition of the body’s blood serum and plasma |
| Catheter needle (20-22 gauge 1”)  C:\Users\tc\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\75407B17.tmp | * Placed into a peripheral vein for intravenous therapy such ad medication and anaesthetic fluids can also be used to draw blood |
| Endotracheal tube ( Size 4mm)  Related image | * Inserted into the trachea for the primary purpose of establishing and maintaining a patent airway and to ensure the adequate exchange of oxygen and carbon dioxide |
| 2% chlorhexidine  C:\Users\tc\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\BC3215DF.tmp | * Used widely for skin antisepsis in veterinary medicine |
| Povidone Iodine  Image result for iodine for scrubbing | * Broad spectrum antiseptic for topical application in the treatment and prevention of wound infection |
| Anaesthesia machine  Image result for anesthesia machine | * (in our scenario) To maintain the patient’s oxygen and accurate tidal volumes to patients with very poor lung compliance and to very small patients |