

## *Surgery room*



### *Vet Team*

- 1. Sara El-Dusoky*
- 2. Samah Awad*
- 3. Amal Awad*
- 4. Yomna Khater*
- 5. Basma Hamed*
- 6. Aya Abd Elhamid*
- 7. Shimaa Hassan*

➤ **Name:** Nuffield 200 Ventilator

➤ **Uses & Mechanism of action:**

The Nuffield 200 ventilator is anaesthesia ventilator and is primarily for use with a Bain co-axial circuit. In addition, the ventilator is equally suitable for use with an Ayre's Tee circuit for resuscitation, for high-frequency positive pressure ventilation with the use of a bronchoscope injector, and in a closed-circuit system incorporating a CO<sub>2</sub> absorber.



➤ **Name:** Aspirator

➤ **Uses & Mechanism of action:**

used for the aspiration of body fluids (mucus or catarrh and blood). The device is equipped with four antistatic wheels with two brakes, to be used in the operation room, and a movement handle. Easily movable and designed for virtually continuous use.



➤ **Name:** Color video cameras

➤ **Uses & Mechanism of action:**

Video capture of the operation surgery



➤ **Name:** Lamp head

➤ **Uses & Mechanism of action:**

Merilux X1 general-purpose examination lamp to reduce the amount of heat generated by the existing aluminum reflector, which could make the patient, examination room, and lamp housing too warm.

At the same time, Merivaara wanted to simplify the design of the housing, which was constructed primarily of metal. To find better material solutions for these two very different components, Merivaara turned to SABIC Innovative Plastics because of its broad array of high-tech products and many value-added services



➤ **Name:** Micro Surgery Microscopes

➤ **Uses & Mechanism of action:**

Used to allow anastomosis of successively smaller blood vessels and nerves (typically 1 mm in diameter) which have allowed transfer of tissue from one part of the body to another and re-attachment of severed parts. and attached with it color video camera and laptop for seeing operation on screen & save it .



➤ **Name:** Monitor

➤ **Uses & Mechanism of action:**

A medical monitor or physiological monitor or display, is an electronic medical device that measures a patient's vital signs, and displays the data. Physiological data are displayed continuously on a CRT or LCD screen as data channels along the time axis, They may be accompanied by numerical readouts of computed parameters on the original data, such as maximum, minimum and average values, pulse and respiratory frequencies, and so on.



➤ **Name:** Autoclave

➤ **Uses & Mechanism of action:**

Used in Sterilization of instruments  
by Steam Sterilizers -capacity: 60 L

*Animal House*



## *Animals*

- Balb/c



- C57BL/6



- **Sprague Dawley Rats**



- **Nude Mice**



- **Guinea Pig**



- **Rabbit**





- Dogs

