

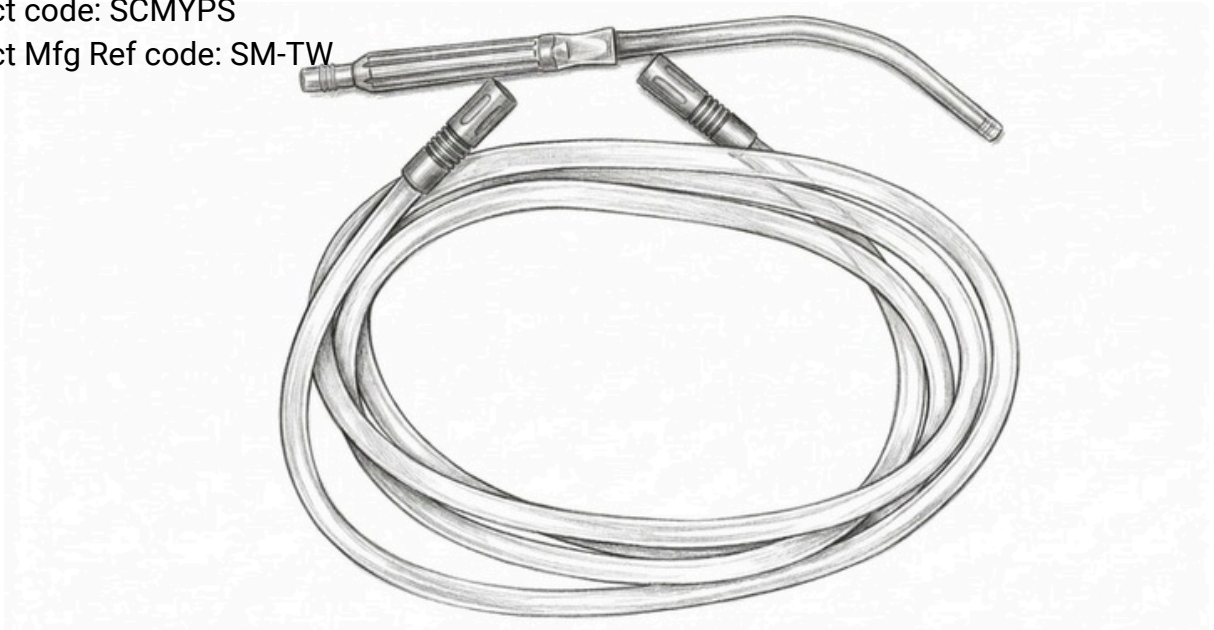
YANSU™

Generic name: Yankauer suction set

Brand name: YANSU

Product code: SCMYPS

Product Mfg Ref code: SM-TW



Yansu is a rigid, curved suction device used for removal of secretions, blood and fluids from the oral cavity and oropharynx during medical procedures. It is widely used in surgery, ICU and emergency care and airway management and anesthesia.

Key features:

- Rigid plastic suction tip with bulbous head
- Large opening with side holes
- Safe and efficient suction without trauma

Main components: Single variants (Yansu – Adult)

- Yankauer tip:

Material	Length	Properties
Styrene-based rigid plastic	22cm	Rigid and durable, transparent for visibility, latex-free and non-toxic.

Vented for thumb-control allowing the clinician to regulate the suction pressure manually

- Tube:

Material	Length	Properties
Medical grade PVC	2m	Flexible and kink-resistant, transparent

- Connectors:

Material	Size	Properties	Type
Polyethylene	15mm	Strong bonding with tubing and leak proof	Universal

Preparation and Setup

- Hygiene & Safety: Perform hand hygiene and put on Personal Protective Equipment (PPE), including gloves, a mask, and a face shield to prevent exposure to splashes.
- Connect the Set: Attach one end of the Yansu tubing to the suction source (wall unit or portable machine) and the other end to the barbed connector of the Yansu.
- Set Pressure: Turn on the suction machine. For adults, the typical pressure range is 100–150 mmHg.
- Test Suction: Cover the thumb-control port (vent) on the Yansu and suck a small amount of sterile water from a cup to ensure the system is clear and functioning.

Suctioning Procedure

- Patient Positioning: Place the patient in a semi-Fowler’s position (head elevated) or a lateral (side) position if they are unconscious to facilitate fluid removal.
- Insertion: Gently insert the Yansu tip into the mouth, moving it along the gum line and toward the cheek pouches. Do not apply suction during insertion to avoid tissue trauma.
- Apply Suction: Cover the thumb port to initiate suction while slowly withdrawing the tip in a circular or sweeping motion.
- Limits:
 - Visibility: Only insert the tip as far as you can see; avoid the back of the throat to prevent gagging or stimulating the vagus nerve.
 - Time: Limit each suction pass to 10–15 seconds to prevent hypoxia (low oxygen).

Post-Procedure Care

- Flush Tubing: After use, suction a small amount of clean or sterile water through Yansu and tubing to clear any blood or secretions.
- Disposal/Storage:
 - Single-use: Yansu are single-patient use and should be discarded as infectious waste after the procedure or according to hospital policy.

- Reusable: If using a multi-use set in a home care setting, clean it with warm soapy water and disinfect as instructed by the manufacturer.
- Clean-up: Turn off the suction machine, remove your PPE, and perform hand hygiene again.

Safety Cautions

- Aseptic Technique: Always use an aseptic (sterile) technique. Check the integrity of the packaging before use; if it is opened or damaged, discard the device immediately as it is no longer sterile.
- Insertion Depth: Do not insert the tip past the back teeth or further than you can see. Deep insertion can cause gagging, vomiting, or stimulate the vagus nerve, potentially leading to a dangerous drop in heart rate (bradycardia).
- Monitor the Patient: Stop immediately if you observe bleeding, severe gagging, or signs of respiratory distress.
- Clogging: If the tip becomes blocked by thick secretions, flush it with water. If it remains clogged, replace the handle.
- Tissue Protection: Avoid placing the tip in the midline of the mouth where a patient might bite down, which can damage teeth. Keep the tip moving along the cheek pouch (buccal cavity) to prevent it from adhering to and traumatizing the oral mucosa. Do not hold the tip against the tongue or inner cheeks for prolonged periods, as the negative pressure can cause "hickies" or tissue damage.

Suction pressure by age

Ensure the vacuum level is appropriate for the patient:

- Adults: Moderate, controlled pressure.
- Children: Lower, regulated pressure.
- Infants: Gentle suction.
- Neonates: Minimum, gentle suction.

Troubleshooting common Issues

- Loss of Suction: If the unit runs but there is no vacuum, check all connections for leaks and ensure the collection canister lid is tightly sealed.
- Clogging: If the tip or tubing becomes blocked by thick secretions or blood clots, flush the system immediately with water or sterile saline. If flushing fails, replace the Yansu handle.
- Machine Failure: For portable units, verify the battery is charged or the power cord is securely plugged into a functioning outlet. Check and replace the bacteria filter regularly to protect the motor.

Cleaning and Storage (HOME USE)

While hospital devices are strictly single-use, home care protocols sometimes allow for limited reuse if cleaned properly:

- Daily Cleaning: Wash the handle and tubing with warm, soapy water and rinse thoroughly.
- Disinfection: Soak the components in a solution of 1-part white vinegar to 3-parts water for 60 minutes, then air dry on a clean towel.
- Storage Environment: Store the set in a cool, dry place between 5°C and 45°C, away from direct sunlight and heat sources. Keep the Yansu tip covered or in a clean bag when not in use.
- Replacement: Change the Yansu monthly, or sooner if the tubing becomes discolored or debris cannot be removed.

When to Seek Medical Help (HOME USE)

- Patient Distress: Stop the procedure immediately if you observe skin color changes (cyanosis or pallor), increased breathing rate, or signs of extreme respiratory distress.
- Bleeding: Contact a healthcare provider if you notice heavy bleeding from the gums or airway.
- Infection Signs: Report any changes in the color (yellow/green), thickness, or foul smell of secretions, as these may indicate an infection.