

Senn Mueller Hook / Killer Forceps

Description

The instrument features a dual-ended design — one end has a small, sharp hook used for precise tissue manipulation, while the other end has forceps or gripping tips for holding tissues or sutures firmly.

Specifications & Sizes

- Length: Commonly available in 12 cm, 15 cm, and 18 cm
- Hook Size: Small and sharp for delicate handling
- Forceps Tip: Serrated or smooth based on variant
- Weight: Lightweight for ease of use

Shapes & Types

- Single Hook with Forceps on the opposite end
- Variants include different hook shapes such as straight or curved
- Forceps tips can be straight or angled

Material

- High-quality surgical stainless steel (commonly SS 316)
- Corrosion-resistant and durable for long-term use
- Easy to sterilize and maintain

Category

- Surgical Instrument
- Veterinary & Human Surgical Tools
- Specialty Forceps/Hook Instruments

Product Form

- Solid metal instrument
- Reusable and autoclavable

Usage

- Holding or retracting tissues during surgery
- Precise manipulation of delicate structures
- Handling sutures or foreign bodies
- Used extensively in soft tissue and orthopaedic surgeries

Advantages

- Dual functionality reduces the need for multiple instruments
- Precision in tissue handling and retraction
- Durable and reusable
- Lightweight and easy to manoeuvre

Disadvantages

- Requires skilled handling due to sharp hook
- Not suitable for extremely large or tough tissues
- Can cause tissue trauma if used improperly

Precautions

- Always handle with care to avoid injury from the sharp hook
- Ensure proper sterilization before and after each use
- Avoid using on tissues for which it's not intended to prevent damage
- Inspect regularly for any signs of wear or damage

Handling & Sterilization Details

- Clean immediately after use with warm water and mild detergent
- Use ultrasonic cleaning if available for thorough cleaning
- Sterilize using autoclave at standard surgical instrument settings
- Store in a dry, sterile environment to prevent corrosion

Veterinary Application

- Used widely in small and large animal surgeries for tissue retraction and manipulation
- Assists in precise surgical procedures such as wound closure and foreign body removal
- Suitable for use in veterinary soft tissue and orthopaedic surgeries
- Helps minimize tissue damage and improve surgical field visibility

Human Application

- Employed in human surgical procedures requiring delicate tissue handling
- Common in plastic surgery, general surgery, and orthopaedic operations
- Assists in suturing and fine tissue manipulation
- Offers enhanced control and precision during complex surgeries

HS & HSN Codes

- **HS Code:** 9018.39 — Instruments and appliances used in medical, surgical, dental, or veterinary sciences, not elsewhere specified
- **HSN Code:** 9018 — Medical, surgical, dental, or veterinary instruments and appliances

FAQs

Q: What is the main difference between Senn Mueller Hook and regular forceps?

A: The Senn Mueller Hook has a sharp hook on one end and forceps on the other, allowing it to both retract and hold tissues, unlike regular forceps that only grip.

Q: Can it be used for both veterinary and human surgeries?

A: Yes, it's designed for versatility and is widely used in both veterinary and human surgical procedures.

Q: How should I sterilize this instrument?

A: Clean with detergent and warm water, then sterilize using an autoclave at standard settings. Avoid harsh chemicals that can damage stainless steel.

Q: Is the instrument reusable?

A: Yes, it's designed for repeated use with proper cleaning and sterilization.

Q: Are there different sizes available?

A: Yes, common sizes include 12 cm, 15 cm, and 18 cm to suit various surgical needs.