

Doyen's Retractor

Description

The **Doyen's Retractor** is a surgical instrument designed to help with retracting tissues during veterinary or human surgical procedures. Its specialized blades are perfect for holding back tissues, such as muscle or organ layers, to provide better visibility and access to the operating area. Doyen's retractors are known for their flexibility and precision, making them ideal for both delicate and extensive surgeries.

Specifications

- **Material:** High-quality stainless steel, corrosion-resistant
- **Blade Type:** Curved or straight blade options
- **Length:** Available in multiple sizes (typically ranging from 12 cm to 25 cm)
- **Handle:** Smooth, ergonomic handle for easy gripping and control
- **Design:** Thin, flat, and flexible blades for gentle tissue retraction
- **Finish:** Polished or satin finish

Usage

- Primarily used in surgical procedures to retract tissues and organs
- Holds back muscle layers, intestines, or other soft tissues without causing damage
- Commonly used in abdominal, thoracic, and other deep surgical procedures
- Helps maintain a clear surgical field for better access to the affected area

Advantages

- **Precision:** Offers excellent control when retracting tissues without causing trauma
- **Flexibility:** The blades are flexible, making them ideal for use in a variety of surgical areas
- **Versatile:** Can be used for both human and veterinary surgeries
- **Ergonomic Design:** Comfortable handles ensure the surgeon can work for long periods without fatigue
- **Durable:** Made from high-quality stainless steel for long-lasting performance

Disadvantages

- **Sharp Edges:** Care must be taken to avoid accidental cuts to the surrounding tissues
- **Limited Size Range:** Some models may not cover larger areas or deeper cavities effectively
- **Requires Skilled Use:** The retractor should be handled by trained professionals to ensure it doesn't damage tissues

Precautions

- Handle with care to avoid injury to surrounding tissues during use
- Ensure that the retractor is sterile before use to prevent infections
- Do not force the retractor into tight spaces as this could damage delicate organs
- Always inspect the retractor for damage before use

Handling Instructions

- Clean and sterilize the retractor after each use
- Check for any signs of wear or corrosion, particularly at the blade edges
- Use gentle pressure when retracting tissues to avoid accidental tearing
- Store in a sterile environment when not in use

Sterilization Details

- Autoclaving recommended for sterilization
- Alternatively, sterilize using appropriate disinfectants for surgical tools
- Avoid submerging the handle in disinfectant liquids to maintain its quality
- Dry thoroughly after sterilization to prevent rusting

HSN & HS Code

- **HSN Code:** 9018.90
- **HS Code:** 9018.90.90
Surgical retractors for medical and veterinary use

Human Application:

Used in a wide range of surgical procedures to hold back tissues and organs for better visibility

Common in abdominal, thoracic, and deep tissue surgeries

Veterinary Application:

Commonly used in veterinary surgeries, particularly for large animal procedures

Helps retract tissues during abdominal and orthopaedic surgeries

Frequently Asked Questions (FAQs)

1. How do I use a Doyen's Retractor?

Insert the retractor into the surgical site, gently retract tissues using the handle, and secure it to maintain visibility. Ensure the blades are properly positioned to avoid damaging tissues.

2. What is the difference between a straight and curved Doyen's Retractor?

A straight retractor is used for simple procedures with less complicated angles, while a curved retractor allows access to deeper or curved areas, making it useful in complex surgeries.

3. How do I sterilize a Doyen's Retractor?

Sterilize the retractor using an autoclave or appropriate chemical disinfectants approved for surgical tools.

4. Can I use the Doyen's Retractor for both human and veterinary surgeries?

Yes, the retractor is versatile and suitable for both human and veterinary applications.

5. How long should a Doyen's Retractor last?

With proper care and maintenance, a Doyen's Retractor can last for many years.

