ADSON SELF-RETAINING LAMINECTOMY RETRACTOR

📌 Description

The **Adson Self-Retaining Laminectomy Retractor** is a surgical instrument designed to hold back surrounding tissue and maintain exposure of the operative site during appropriate surgical procedures. Its self-retaining mechanism allows the retractor to remain open in a selected position, helping maintain access without requiring continuous manual holding.

The instrument features opposing retracting arms with multiple teeth, a central pivot and an adjustable locking mechanism. These components help keep the surrounding tissue retracted while the surgeon works within the exposed area. Its design is intended for procedures requiring sustained retraction and visual access, including selected spinal and neurosurgical procedures.

The self-retaining mechanism can support a more stable surgical field, although the retractor must be positioned carefully to avoid excessive pressure on tissue. The model shown is labelled 8” (19.5 cm) and should be used by trained surgical professionals in accordance with the procedure and the manufacturer's instructions.

📜 Specifications

Specification	Details
Product Name	Adson Self-Retaining Laminectomy Retractor
Brand	DOTCOM PHARMA
Product Category	Surgical Instruments
Instrument Type	Self-Retaining Retractor
Product Role	Tissue Retraction
Instrument Design	Self-Retaining, Locking Mechanism
Retracting Arms	Opposing toothed arms
Mechanism	Pivot and adjustable locking system
Available Size	8” (19.5 cm), as labelled in the image
Product Material	Confirm with manufacturer
Reusability	Confirm with manufacturer
Sterilisation	Follow the manufacturer's validated instructions

📐 Sizes and Types

- 8” (19.5 cm)

Product Category

- Surgical Retractors
- Self-Retaining Retractors
- Spinal Surgery Instruments
- Neurosurgical Instruments

Product Form

Manually operated, self-retaining surgical retractor with opposing toothed retracting arms and a locking mechanism.

Human Application

- Maintaining tissue retraction during suitable spinal surgical procedures.
- Supporting operative exposure during selected laminectomy procedures.
- Helping maintain access to the surgical site during procedures involving deeper tissues.
- Supporting visualisation of the operative field when the instrument is appropriate for the procedure.

Veterinary Application

- Maintaining tissue retraction during suitable veterinary surgical procedures.
- Supporting access to deeper operative sites in selected animal surgeries.
- Assisting trained veterinary surgeons when a self-retaining retractor is appropriate for the procedure.

Suitability depends on the animal, operative site, instrument dimensions and surgical requirements.

Advantages

- Self-retaining design: Helps maintain tissue retraction without continuous manual holding.
- Locking mechanism: Helps retain the selected opening during use.
- Toothed retracting arms: Provide engagement with suitable tissue.
- Sustained operative exposure: Supports access and visualisation during appropriate procedures.
- Controlled positioning: Allows the operator to adjust the retraction according to the instrument's design.

Disadvantages and Limitations

- Excessive retraction can injure or compress surrounding tissue.
- Incorrect positioning may obstruct the operative field or interfere with access.
- The locking mechanism requires inspection and proper maintenance.

- The instrument is not suitable for every surgical site or procedure.
- Material, reusability and sterilisation compatibility must be confirmed for the supplied model.

Precautions

- Use only by appropriately trained surgical professionals.
- Confirm the correct instrument size and intended application before use.
- Position the retracting arms carefully and avoid excessive tissue pressure.
- Check the pivot, teeth and locking mechanism before each procedure.
- Do not use the instrument if it is damaged or the lock does not function correctly.
- Follow the manufacturer's instructions for cleaning, sterilisation, inspection and storage.

Usage Instructions

1. Inspect the instrument for damage and verify that the locking mechanism functions correctly.
2. Ensure the instrument has been appropriately cleaned and sterilised according to the manufacturer's instructions.
3. Position the retractor at the intended operative site under the direction of the responsible surgeon.
4. Open the retracting arms gradually to achieve the required exposure.
5. Engage the self-retaining lock as designed, avoiding excessive tissue tension.
6. Monitor tissue condition and retractor position throughout the procedure.
7. Release the locking mechanism carefully before removing the instrument.
8. Clean and reprocess the instrument according to the manufacturer's validated instructions if it is designated reusable.

Storage Instructions

- Clean and dry the instrument according to the manufacturer's instructions before storage.
- Protect the teeth, pivot and locking mechanism from impact or damage.
- Store in a clean, dry instrument-storage area.
- Maintain appropriate sterile packaging after sterilisation when required.
- Inspect the instrument before subsequent use.

HS / HSN Code

- HS Code: 9018.90
- HSN Code: 90189099

🙋 Frequently Asked Questions (FAQs)

1. What is an Adson Self-Retaining Laminectomy Retractor used for?

It is designed to hold back suitable tissue and maintain exposure of the operative site during selected surgical procedures, particularly procedures requiring sustained retraction.

2. What does “self-retaining” mean?

It means the instrument has a locking mechanism that helps keep the retracting arms in a selected open position without requiring the operator to hold them continuously.

3. What size is available from DOTCOM PHARMA?

The supplied image identifies the instrument as 8” (19.5 cm).

4. How does the locking mechanism help during surgery?

The locking mechanism helps maintain the selected retraction position, supporting a more stable operative field. The instrument must still be monitored to prevent excessive tissue pressure.

5. Can this retractor be reused after sterilisation?

Reusability must be confirmed for the specific supplied model. If it is designated reusable, follow the manufacturer's validated cleaning, inspection and sterilisation instructions before every reuse.