

GELPI RETRACTOR

DESCRIPTION

The Gelpi Retractor is a self-retaining surgical retractor designed with sharp, outward-curving tips that hold tissue apart during procedures. It is widely used in orthopaedic, spinal, neurosurgical, veterinary, and general surgeries where deep or narrow exposure is required. Its locking ratchet mechanism ensures stable retraction with minimal manual assistance.

SPECIFICATION

- **Material:** High-grade surgical stainless steel
- **Tip Type:** Sharp, pointed, outward-facing prongs
- **Mechanism:** Self-retaining with ratchet lock
- **Arms:** Curved or straight depending on model
- **Finish:** Matte or polished
- **Usage:** Reusable and autoclavable
- **Tension:** Smooth ratchet for controlled opening

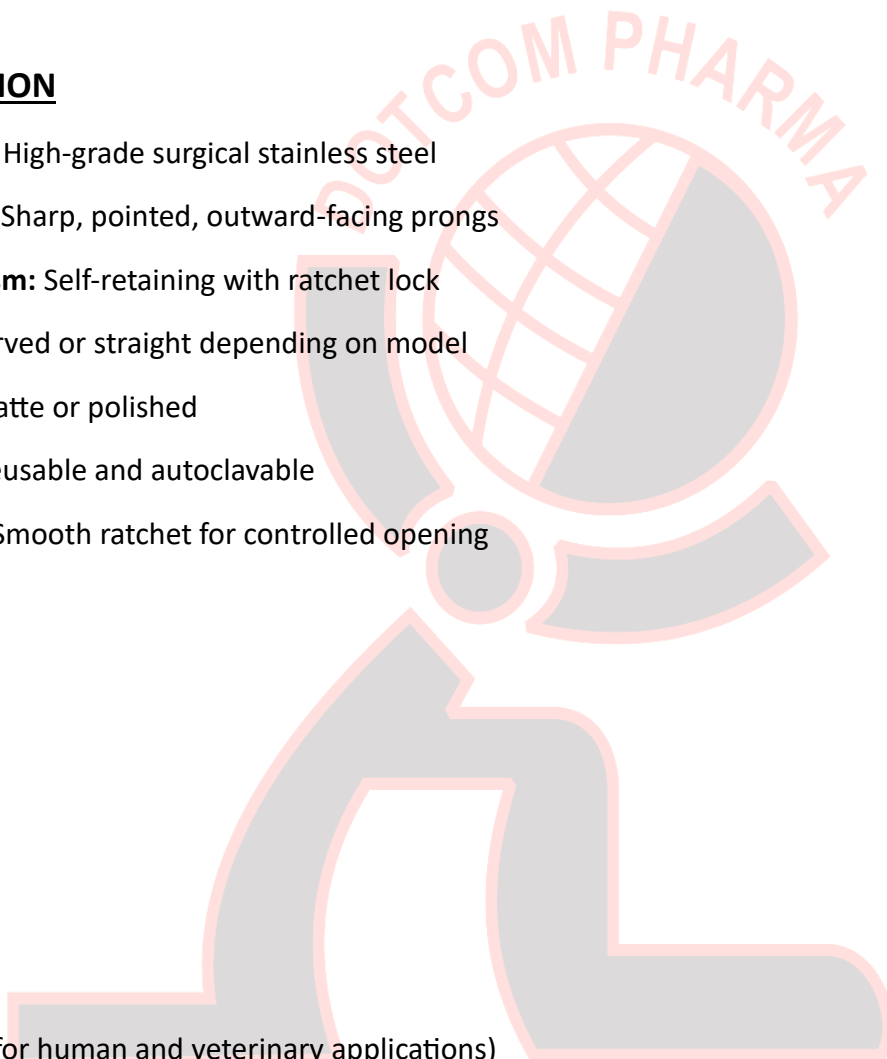
SIZES

- 3.5 inch
- 5.5 inch
- 7 inch
- 9 inch
- 11 inch

(Various lengths for human and veterinary applications)

SHAPES

- Straight Gelpi Retractor
- Curved-arm Gelpi
- Double Gelpi (dual-ended)
- Narrow-profile Gelpi (for small spaces)



MATERIAL TYPES

- SS 304 Stainless Steel
- SS 410 Hardened Stainless Steel
- SS 316 Surgical Stainless Steel

CATEGORY

- Self-retaining Surgical Retractors
- Orthopaedic Instruments
- Veterinary Surgical Tools

PRODUCT FORM

- Stainless-steel, ring-handled, self-retaining retractor
- Reusable, non-sterile when supplied

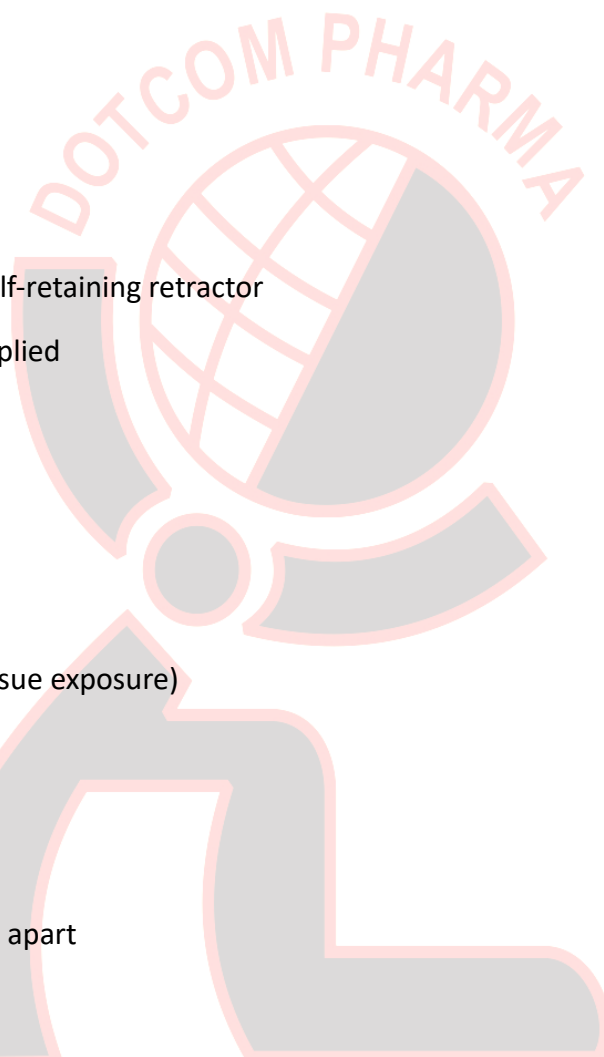
USAGE

Human Application:

- Orthopaedic surgeries (deep tissue exposure)
- Spinal procedures
- Neurosurgery
- General and plastic surgery
- Holding skin, fascia, and muscle apart

Veterinary Application:

- Small animal surgeries
- Orthopaedic and soft-tissue procedures
- Deep cavity access on dogs, cats, exotics
- Perfect for narrow surgical fields



★ ADVANTAGES

- Self-retaining → frees surgeon's hands
- Sharp prongs give firm tissue grip
- Adjustable ratchet for precise retraction
- Durable, corrosion-resistant stainless steel
- Suitable for deep, narrow, or small-field surgeries
- Autoclavable and long-lasting

⚠ DISADVANTAGES

- Sharp tips may cause tissue trauma if misused
- Not suitable for delicate or fragile tissues
- Requires skill to place safely
- Can slip if not positioned correctly

🚫 PRECAUTIONS

- Place tips carefully to avoid unnecessary tearing
- Avoid using on high-vascular or fragile tissues
- Inspect prongs for damage before use
- Engage ratchet gradually, not forcefully
- Handle with caution due to sharp ends

📖 HANDLING DETAILS

- Hold by finger rings for stable placement
- Ensure prongs are positioned symmetrically
- Lock ratchet in controlled increments
- Do not over-open beyond required spread
- Store with tips covered or in a padded tray

STERILISATION DETAILS

- Fully autoclavable at standard surgical settings
- Compatible with steam, EO (Ethylene Oxide), and plasma sterilisation
- Clean thoroughly to remove tissue residues
- Avoid harsh chemicals that may dull the metal
- Dry completely to maintain finish

HS CODE (Harmonized System Code)

HS Code: 9018 – Instruments and appliances used in surgical, medical, dental, and veterinary sciences.

HSN CODE (India)

HSN Code: 9018.90 – Other instruments and appliances used in medical or surgical procedures.

FAQ (Frequently Asked Questions)

1. What is a Gelpi Retractor used for?

It is used to hold tissues apart during surgeries, especially in deep or narrow areas.

2. Is the Gelpi Retractor reusable?

Yes, it is made from surgical stainless steel and fully autoclavable.

3. Are Gelpi Retractors safe for veterinary surgeries?

Yes, they are widely used in small-animal and orthopaedic veterinary procedures.

4. Do the tips cause tissue damage?

Only if misused. When properly placed, they provide stable retraction with minimal trauma.

5. What material is the Gelpi Retractor made from?

It is made from high-grade stainless steel (SS 304, SS 316, or SS 410).