

# PERIOSTEAL ELEVATOR

## DESCRIPTION

A Periosteal Elevator is a surgical instrument used to lift, separate, or reflect the periosteum (the tissue covering bone) during orthopaedic, dental, maxillofacial, ENT, and veterinary procedures. It features a flat, rounded, or sharp-edged working end designed to gently elevate soft tissue from bone without causing unnecessary trauma. Its strong stainless-steel construction provides excellent control, leverage, and precision.

## SPECIFICATION

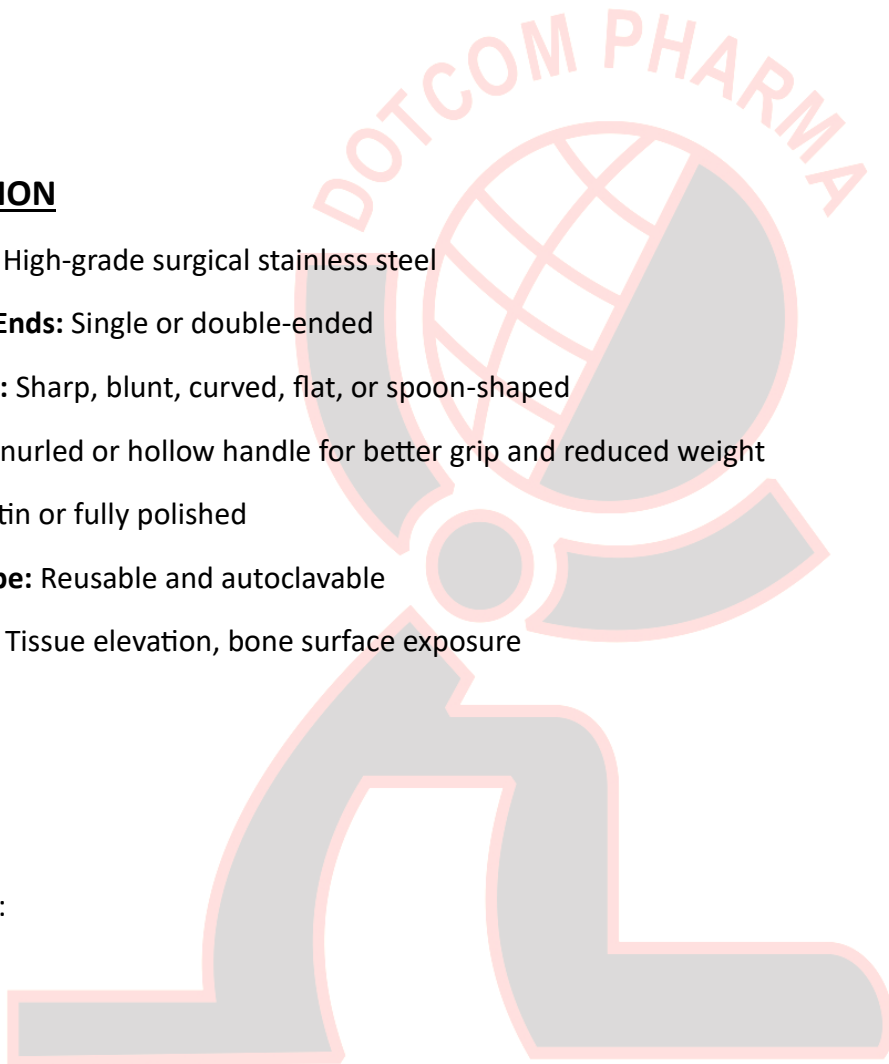
- **Material:** High-grade surgical stainless steel
- **Working Ends:** Single or double-ended
- **Tip Styles:** Sharp, blunt, curved, flat, or spoon-shaped
- **Handle:** Knurled or hollow handle for better grip and reduced weight
- **Finish:** Satin or fully polished
- **Usage Type:** Reusable and autoclavable
- **Function:** Tissue elevation, bone surface exposure

## SIZES

Common lengths:

- 14 cm
- 16 cm
- 18 cm
- 20 cm

(Exact size varies depending on model such as Molt, Freer, Howarth, etc.)



## ◆ TYPES & SHAPES

- Freer Periosteal Elevator (double-ended)
- Molt Periosteal Elevator (various numbers)
- Howarth Elevator
- Prichard Elevator
- Woodson Elevator (dental)
- Single-ended or double-ended variants
- Flat, curved, or rounded blade ends

## 📖 MATERIAL TYPES

- SS 304 Stainless Steel
- SS 316 Surgical Stainless Steel
- Hardened stainless steel tips

## 📁 CATEGORY

- Orthopaedic Surgical Instruments
- Dental & Maxillofacial Instruments
- ENT Surgical Tools
- Veterinary Surgical Equipment

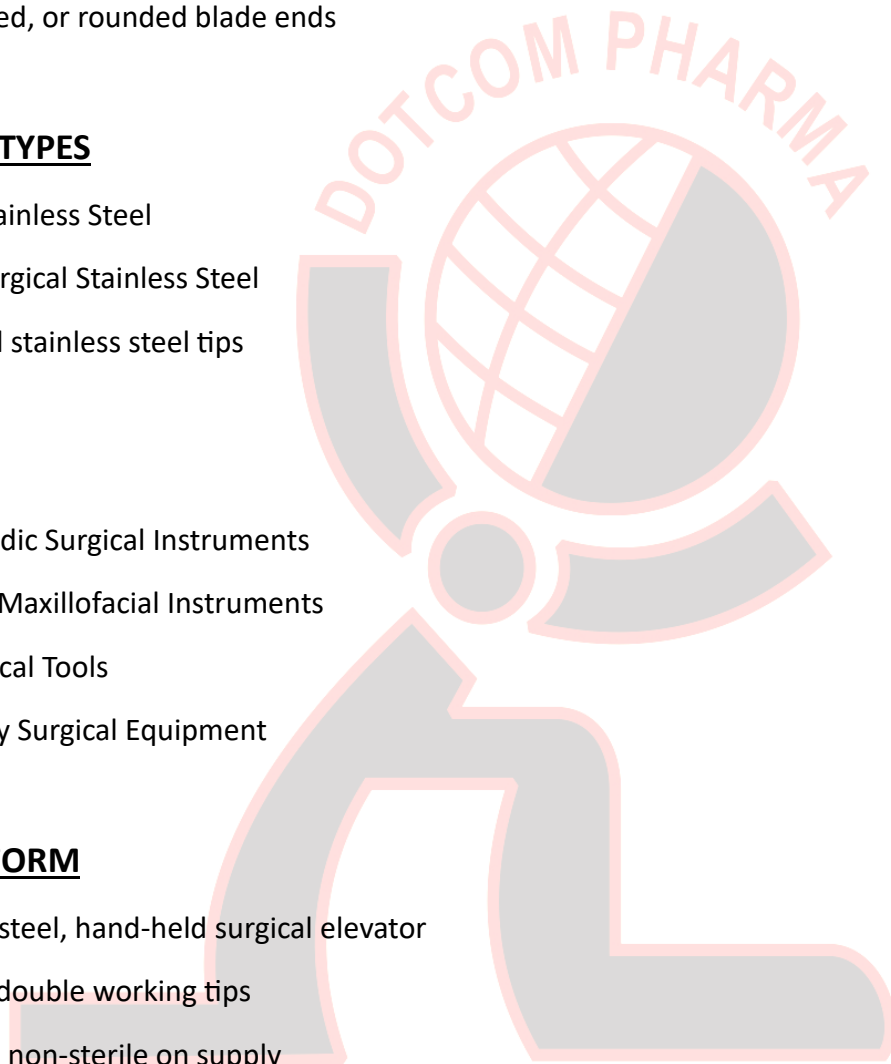
## 📄 PRODUCT FORM

- Stainless-steel, hand-held surgical elevator
- Single or double working tips
- Reusable, non-sterile on supply

## 🔑 USAGE

### Human Application:

- Elevating periosteum from bone surface
- Exposing bone before drilling or cutting
- Flap reflection in dental surgeries
- ENT and craniofacial soft tissue elevation



### **Veterinary Application:**

- Small and large animal bone exposure
- Elevating tissues around fractures
- Dental surgical procedures in animals
- Tissue separation in orthopaedic vet surgeries

### **★ ADVANTAGES**

- Precise tissue elevation with minimal trauma
- Strong stainless-steel body ensures control
- Multiple tip designs for various procedures
- Autoclavable and reusable
- Excellent leverage and manoeuvrability
- Durable and long-lasting

### **⚠ DISADVANTAGES**

- Sharp-edged models may cause tissue injury if misused
- Requires proper technique to avoid tearing periosteum
- Not suitable for cutting or prying heavy bone
- Tips may bend if excessive force is applied

### **🚫 PRECAUTIONS**

- Handle sharp ends with care
- Avoid excessive force against bone
- Ensure the right tip type is selected for the procedure
- Inspect for dullness, bends, or burrs before use
- Maintain proper sterilisation to avoid infection

### **📦 HANDLING DETAILS**

- Hold using the central grip for balanced control
- Elevate tissue with smooth, gentle strokes/ Store with tip protectors to avoid damage
- Clean immediately after use to avoid tissue hardening

## **STERILISATION DETAILS**

- Fully autoclavable
- EO (Ethylene Oxide) compatible
- Safe for chemical disinfectants
- Ensure complete drying to prevent rust spots
- Avoid abrasive scrubbing on fine tip edges

### **HS CODE (Harmonized System Code)**

**HS Code: 9018** – Medical, surgical, dental, veterinary instruments.

### **HSN CODE (India)**

**HSN Code: 9018.90** – Other surgical or veterinary instruments.

## **FAQ (Frequently Asked Questions)**

### **1. What is a Periosteal Elevator used for?**

It is used to elevate and separate periosteum and soft tissues from the bone surface.

### **2. Is it reusable?**

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

### **3. Are there different types of Periosteal Elevators?**

Yes—Freer, Molt, Howarth, Prichard, Woodson, and many more variants exist.

### **4. Can it be used in veterinary surgeries?**

Absolutely, it is commonly used in orthopaedic and dental veterinary procedures.

### **5. Are both ends functional in double-ended models?**

Yes, each end has a different shape for multiple surgical applications.