

# Disposable Surgical Scalpel

## Description

A **Disposable Surgical Scalpel** is a single-use, precision instrument commonly used in surgeries, medical procedures, and other clinical applications. The scalpel is designed for high accuracy and fine incisions, ensuring minimal tissue damage. It comes with a sterile, sharp blade attached to a handle, offering both safety and convenience in medical and veterinary settings.

## Specifications

- **Material (Blade):** High-carbon stainless steel, disposable
- **Handle Material:** Plastic, designed for a secure grip
- **Blade Type:** Sharp, single-use scalpel blade attached to a sturdy handle
- **Length:** Varies by model, typically 15-20 cm (blade and handle)
- **Sterility:** Pre-sterilized, ready for use straight out of packaging
- **Packaging:** Individually packed in sterile packaging
- **Blade Sizes:** Common sizes include #10, #11, #15 for general surgical use

## Usage

- Commonly used in veterinary clinics, hospitals, and surgery rooms for performing delicate incisions or biopsies
- Ideal for precise cutting in both soft and hard tissues
- Typically used for surgical procedures, wound debridement, or any task requiring high precision and minimal tissue trauma

## Advantages

- **Convenient:** Single-use and pre-sterilized, reducing the risk of cross-contamination
- **Precision:** Extremely sharp blade for clean, controlled incisions
- **Safety:** Disposable design eliminates the need for cleaning or sharpening
- **Hygienic:** Pre-sterilized packaging ensures the scalpel is safe for use immediately
- **Cost-effective:** Reduces overhead costs associated with sharpening and reusing traditional scalpels

## Disadvantages

- **Single-use only:** Cannot be reused, leading to higher long-term cost if used frequently
- **Sharpness:** May become dull quickly if not used properly
- **Environmental Impact:** Disposable nature contributes to waste

## Precautions

- Always handle with caution to avoid accidental injury
- Do not reuse the scalpel, as it is designed for one-time use only
- Dispose of the scalpel safely in a proper sharps container after use
- Ensure the scalpel is sterile before opening the packaging
- Check packaging for integrity to confirm sterility

## Handling Instructions

- Open the packaging carefully, avoiding direct contact with the blade
- Ensure the scalpel is securely held by the handle during use
- After use, dispose of the scalpel immediately in an approved sharps disposal container
- Do not attempt to clean or repackage for reuse

## Sterilization Details

- The scalpel is pre-sterilized during manufacturing
- Packaging ensures sterility until it is opened
- **Do NOT sterilize for reuse** – it is designed for **one-time** use only

## HSN & HS Code

- **HSN Code:** 9018.31
- **HS Code:** 9018.31.10

## **Human Application:**

Used extensively in human surgeries, clinical procedures, and biopsies

Commonly used in hospitals, clinics, and private practice for both minor and major surgeries

## **Veterinary Application:**

Widely used in veterinary surgeries, particularly for small and large animal procedures requiring precision incisions

Commonly used by veterinarians for wound care, surgical operations, and biopsies

## **Frequently Asked Questions (FAQs)**

### **1. Can a Disposable Surgical Scalpel be reused?**

No, it is designed for single-use only. Once used, it must be discarded safely.

### **2. How do I safely dispose of a Disposable Surgical Scalpel?**

Place it directly into a **sharps disposal container** to prevent injury or contamination.

### **3. Are Disposable Surgical Scalpels pre-sterilized?**

Yes, they are individually packed and pre-sterilized to ensure safety and hygiene.

### **4. What blade sizes are available for Disposable Surgical Scalpels?**

Common blade sizes include #10, #11, and #15, each suited for different surgical needs.

### **5. Can I use a Disposable Surgical Scalpel for animal surgeries?**

Yes, it is commonly used in both human and veterinary surgeries for precision cutting.

