

Dilator Set – 10 Piece Set

Description

The Dilator Set (10 pieces) is a collection of precision tools used in medical and veterinary procedures to gradually dilate or expand body openings, such as the cervix or urethra. These dilators are essential for various diagnostic and surgical interventions, ensuring safe and effective access to internal areas without causing injury or excessive trauma.

Specifications

- **Material:** Medical-grade stainless steel
- **Set Includes:** 10 progressively sized dilators
- **Finish:** Smooth, polished, non-corrosive
- **Packaging:** Comes in a durable sterilization case or box
- **Sterilization:** Fully autoclavable

Types & Variants

- Graduated dilators (various sizes, increasing diameter)
- Semi-rigid or flexible dilators for specific procedures
- Set variations: single-ended or double-ended
- Urethral, cervical, or vaginal dilator sets

Usage

- Used to gradually enlarge or dilate an opening in medical or veterinary procedures
- Commonly used in cases of obstructed urinary tract or for pre-surgical dilation
- Ideal for procedures requiring controlled dilation (e.g., urethrostomies, cervix dilation)

Advantages

- Progressive sizing ensures controlled dilation
- Smooth surface reduces tissue trauma/ Essential for a wide range of medical and surgical operations
- Highly durable and reusable for multiple procedures

Disadvantages

- Requires skilled handling to avoid tissue damage
- May not be suitable for extreme dilation cases
- Needs to be sterilized and maintained regularly

Precautions

- Always ensure proper lubrication to minimize friction
- Use the appropriate size dilator to avoid unnecessary trauma
- Ensure the tools are free from corrosion and sharp edges before use
- Perform procedures under professional supervision

Handling Instructions

- Clean thoroughly after each use to remove organic matter
- Store in a sterile container to avoid contamination
- Regularly inspect for rust or damage before each procedure

Sterilization Details

- Autoclave at 121°C for 15 minutes or as per manufacturer's instructions
- Use antiseptic wipes for surface cleaning if autoclave is not available
- Store in a sterile pack post-sterilization

HSN & HS Code

- **HSN Code:** 9018.90
- **HS Code:** 9018.90.99
Applicable for medical and veterinary tools not otherwise specified

Human Application:

- Urethral dilation
- Cervical dilation during medical procedures
- Dilation for surgeries such as urethrostomy

Veterinary Application:

- Urethral dilation in male and female animals
- Pre-surgical dilation of body openings
- Used in certain cases of obstructed urinary tract

? Frequently Asked Questions (FAQs)

1. What is a dilator set used for?

To gradually expand body openings for medical or surgical procedures.

2. Are the dilators reusable?

Yes, they are made from durable, autoclavable stainless steel.

3. What types of dilators are included in a 10-piece set?

A set includes 10 dilators of increasing diameter, usually from smallest to largest.

4. Can dilators be used for both humans and animals?

Yes, they are used in both human and veterinary medicine for different procedures.

5. How do I sterilize a dilator set?

Sterilize in an autoclave or disinfect with an appropriate solution.

