

Cervix Dilator

Description

A **Cervix Dilator** is a long, precision-crafted medical/veterinary instrument used to **gently widen and dilate the cervical canal** during diagnostic, obstetric, gynaecological, or reproductive procedures. It allows safe access to the uterus for procedures such as insemination, flushing, embryo transfer, sampling, or examination.

Cervix dilators are designed to be **smooth, atraumatic, and highly polished** to prevent tissue damage.

Specification

- **Product Name:** Cervix Dilator
- **Category:** Obstetric / Gynaecological / Veterinary Reproductive Instrument
- **Material:** High-quality stainless steel
- **Design:** Long, cylindrical shaft with tapering or rounded tip
- **Length Range:** Typically 20–35 cm depending on species and model
- **Tip Style:**
 - Rounded atraumatic tip
 - Tapered slim tip
- **Handle Type:**
 - Straight handle
 - Ring-handle with ratchet (depending on model)
- **Finish:** Satin or mirror-polished surface
- **Diameter Range:** Available in different sizes for gradual dilation

Types

- **Straight Cervix Dilator:** Simple rod-like design for general dilation.
- **Curved Cervix Dilator:** Provides easier access in certain anatomical angles.
- **Double-Ended Dilator:** Two tip sizes in one instrument.
- **Ring-Handled Dilator:** Offers improved grip and controlled insertion.
- **Veterinary Cervical Dilator:** Longer variants for large animals like cows/mares.

Material

- **Stainless Steel (SS410/SS420/Medical Grade):**
 - Rust-resistant
 - Durable under repeated sterilisation
 - Smooth, non-porous surface
 - Suitable for all clinical environments

Sizes & Shapes

- **Length Options:** 20 cm, 25 cm, 30 cm, 35 cm
- **Diameter Options:** Thin to medium, depending on dilation stage
- **Shapes:**
 - Straight
 - Slightly curved
 - Double-ended variation
- **Tip Shape:** Rounded spherical tip for safe entry into the cervix

Usage

- Dilating cervix during gynaecological procedures
- Assisting in artificial insemination
- Embryo transfer or uterine examination
- Cervical sampling
- Veterinary obstetric procedures
- Opening constricted or closed cervical canal gently

Handling

- Hold instrument near the handle or ring for control
- Insert gently and slowly, following natural anatomy
- Choose appropriate size to avoid trauma
- Never apply excessive force
- Ensure patient/animal is positioned properly

Sterilisation & Cleaning

- Wash with warm water and enzymatic detergent
- Brush gently to remove debris
- Rinse and dry thoroughly
- Sterilise using:
 - Autoclave (steam sterilisation)
 - Chemical sterilant baths
 - Cold sterilisation solutions
- Store in sterile pouch or tray after drying

Advantages

- Smooth, atraumatic design
- Durable stainless-steel construction
- Easy to sterilise
- Available in multiple sizes
- Provides controlled and safe cervical dilation

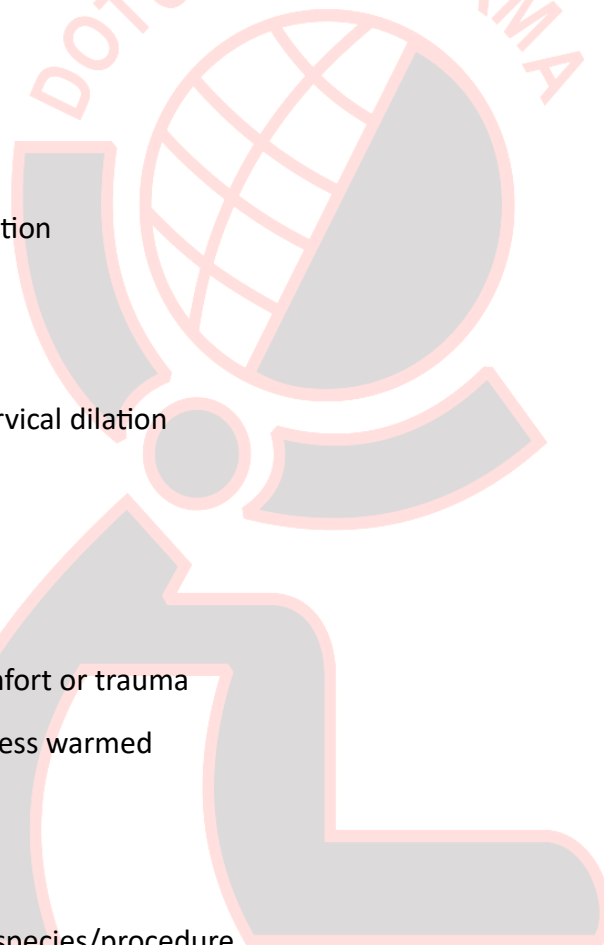
Disadvantages

- Requires trained operator
- Incorrect size may cause discomfort or trauma
- Metal dilators may feel cold unless warmed

Precautions

- Choose the correct size for the species/procedure
- Ensure complete sterilisation before use
- Do not force the instrument into the cervix
- Inspect for surface defects before every procedure
- Maintain proper lubrication when needed
- Store safely to avoid bending

DOTCOM PHARMA



HS & HSN Codes

- **HS Code:** 9018.90 – Medical/surgical instruments (including gynaecological tools)
- **HSN Code (India):** 9018 90 99 – Other gynaecological/veterinary instruments

Frequently Asked Questions

Q1. What is a Cervix Dilator (CD)?

A medical/veterinary tool used to widen the cervical canal for diagnostic or reproductive procedures.

Q2. Is it safe for animals?

Yes, when used correctly by a trained veterinarian or technician.

Q3. Can it be sterilised?

Yes, stainless steel dilators are fully autoclave-safe.

Q4. What sizes are available?

Various lengths and diameters to match different species or clinical needs.

Q5. What is the purpose of the rounded tip?

To allow smooth, atraumatic insertion and reduce risk of injury.

