

D & C Set (Dilatation & Curettage Set)

Description

The **D & C Set** (Dilatation and Curettage Set) is a surgical instrument kit used for procedures where the cervix is dilated and the uterine lining is scraped or suctioned. This set is commonly used for diagnostic purposes, such as examining the uterine cavity, as well as for therapeutic procedures like abortion or treating uterine conditions like abnormal bleeding. The set includes specialized tools designed for safety, precision, and minimal trauma to the tissues.

Specifications

- **Material:** High-quality stainless steel, corrosion-resistant
- **Set Includes:** Dilators, curettes, uterine sounding rods, and forceps
- **Handle:** Ergonomic design for controlled use and precision
- **Length:** Varies by tool, typically ranging from 18 cm to 25 cm
- **Finish:** Satin or polished for ease of cleaning
- **Blade Type:** Blunt and sharp edges for the curette, ensuring effective tissue removal
- **Storage:** Sterile, easy-to-store carrying case

Usage

- Used primarily in gynaecological procedures to scrape or remove the uterine lining
- Commonly used in diagnostic procedures, such as for endometrial biopsy
- Used for therapeutic interventions like managing uterine fibroids, abnormal bleeding, or incomplete miscarriage
- Ideal for both human and veterinary applications, especially for large animals

Advantages

- **Versatile:** Can be used for diagnostic and therapeutic procedures
- **Precision:** Tools are designed for precise tissue removal without causing unnecessary trauma
- **Safe:** Includes blunt-edged tools that reduce risk of perforation or injury
- **Durable:** High-quality stainless steel ensures long-term reliability
- **Ergonomic:** Designed for optimal control, even during prolonged procedures

Disadvantages

- **Requires Expertise:** Must be performed by trained professionals to avoid damage or complications
- **Possible Complications:** If not used correctly, the procedure can lead to perforation or infection
- **Limited Use:** Primarily for gynaecological procedures and may not be suitable for all patients

Precautions

- Ensure proper sterilization of all tools before use to prevent infection
- Use under controlled conditions to avoid perforation of the uterine wall
- Monitor patient closely for signs of infection or complications post-procedure
- Ensure that the correct dilator and curette sizes are used for the procedure

Handling Instructions

- Clean and sterilize the instruments after each use
- Handle with care, especially during dilation, to avoid trauma to surrounding tissues
- Store the tools in a sterile, dry environment when not in use
- Regularly inspect the tools for any signs of damage, wear, or corrosion

Sterilization Details

- Autoclave or sterilize using chemical disinfectants suitable for surgical tools
- Ensure all components are completely dry after sterilization to avoid rust or degradation
- Check for any corrosion or damage before each use

HSN & HS Code

- **HSN Code:** 9018.31
- **HS Code:** 9018.31.90
Surgical sets for gynaecological procedures

Human Application:

- Primarily used in gynaecological surgeries to remove uterine lining or tissues
- Common in both diagnostic and therapeutic procedures for abnormal uterine conditions, miscarriage, or abnormal bleeding
- Can be used in hospitals, clinics, or gynaecological practices

Veterinary Application:

- Used in large animal surgeries (e.g., cattle, horses) for uterine scraping or other reproductive procedures
- Less common than human use but still valuable in certain veterinary surgeries

? Frequently Asked Questions (FAQs)

1. What is a D & C procedure used for?

A D & C (Dilatation and Curettage) procedure is used to scrape or remove the lining of the uterus, often for diagnostic purposes or to treat conditions like abnormal bleeding or incomplete miscarriage.

2. How is a D & C set used in surgery?

The set includes dilators to gently open the cervix and curettes or other scraping tools to remove the uterine lining. The procedure may also involve a uterine sound to measure the depth of the uterus.

3. Is D & C a common procedure?

Yes, it's quite common in both human gynaecology and certain veterinary practices, especially for reproductive health management.

4. Can the D & C set be reused?

Yes, the D & C set is made from stainless steel, which can be sterilized and reused multiple times as long as the tools are in good condition.

5. What precautions should I take when using a D & C set?

Ensure proper sterilization, use under professional guidance, and carefully monitor the patient post-procedure for signs of complications.