

Copper "T" Hook / IUCD Hook

Description

Copper "T" Hook, also known as IUCD (Intrauterine Contraceptive Device) Hook, is a specialized medical instrument designed to assist in the insertion and removal of copper "T" intrauterine devices. It ensures safe, precise manipulation during gynaecological procedures, minimizing patient discomfort and procedural complications.

Specification

Attribute	Details
Material	Surgical grade stainless steel
Length	Typically 12 inches (300mm)
Tip Design	Curved, slender hook tip
Joint Type	Solid, one-piece construction
Finish	Mirror-polished for easy sterilization
Weight	Lightweight for ease of handling
Manufacturer Standards	ISO certified, CE marked (where applicable)

Sizes & Shapes

- Standard length approximately 12 inches
- Curved slender hook tip designed to securely grasp IUCD threads
- Available in straight or slightly curved shaft variations

Types

- Standard Copper "T" Hook for IUCD manipulation
- Paediatric versions with smaller dimensions available
- Ergonomic handle versions for enhanced grip and control

Material

- High-quality stainless steel (usually 304 or 316)
- Corrosion-resistant and suitable for repeated sterilization
- Non-toxic, biocompatible metal ensuring patient safety

Category

- Gynaecological instruments
- Intrauterine device handling tools

Product Form

- Metallic surgical hook with ergonomic grip
- Supplied either loose or sterilized in sealed packaging

Usage

- Assisting in insertion and removal of Copper “T” IUCDs
- Grasping and pulling IUCD threads safely during gynaecological procedures
- Facilitating minimally invasive contraceptive device management

Advantages

- Precise and safe handling of IUCDs reduces risk of uterine trauma
- Durable stainless steel construction for repeated sterilization
- Ergonomic design enhances clinician comfort and control
- Minimizes patient discomfort during IUCD procedures

Disadvantages

- Requires skilled handling to avoid uterine injury
- May not be suitable for all IUCD types or sizes
- Improper sterilization may risk infection

Precautions

- Use with care to avoid perforation or injury to uterine tissue
- Ensure thorough sterilization before and after each use
- Handle with clean gloves to maintain sterility
- Avoid excessive force during insertion or removal

HS / HSN Code

- HS Code: 9018.39 (Instruments and appliances used in medical, surgical, dental or veterinary sciences)
- HSN Code (India): 9018 (Surgical instruments)

Handling

- Always use sterile gloves when handling the hook
- Inspect instrument for damage before use
- Dry thoroughly before sterilization to prevent rusting

Sterilization Details

- Suitable for autoclaving at 121-134°C steam temperature
- Compatible with ethylene oxide and chemical sterilant
- Avoid prolonged chemical exposure to preserve finish

Human Application

- Used primarily in gynaecology for IUCD insertion and removal in women
- Common in family planning clinics, hospitals, and outpatient settings

Veterinary Application

- Limited application; occasionally used in large animal gynaecology where intrauterine devices are employed

Frequently Asked Questions (FAQs)

Q: Can the Copper "T" Hook be sterilized multiple times?

A: Yes, it is designed for repeated sterilization with proper handling.

Q: Is it suitable for all types of IUCDs?

A: Primarily designed for Copper "T" type IUCDs; compatibility with others varies.

Q: How should I clean the hook after use?

A: Wash with mild detergent and water immediately after use, then autoclave or chemically sterilize.

Q: Are there different sizes available?

A: Standard sizes mostly; paediatric and ergonomic variants may be available on request.

Q: Can this be used in veterinary medicine?

A: Rarely, but it can be used in certain veterinary reproductive procedures with appropriate expertise.

