

Simpson (Premium)

Description

The **Simpson Uterine Sound** is a premium-quality, stainless steel instrument designed to measure the depth, direction, and curvature of the uterine cavity. It is widely used in gynaecological procedures such as IUD placement, dilation & curettage (D&C), hysteroscopy, and fertility assessments. Its firm, slender structure ensures precision and minimal patient discomfort.

Specifications

- **Type:** Simpson Pattern
- **Material:** Premium Surgical-Grade Stainless Steel
- **Tip:** Rounded bulbous tip to prevent trauma
- **Graduations:** Laser-etched in centimetre's for accurate measurement
- **Shape:** Slight curvature for anatomical accuracy
- **Sterilization:** Fully autoclavable

Sizes Available

- Standard size with marked gradations (cm)

Used universally in clinical gynaecology

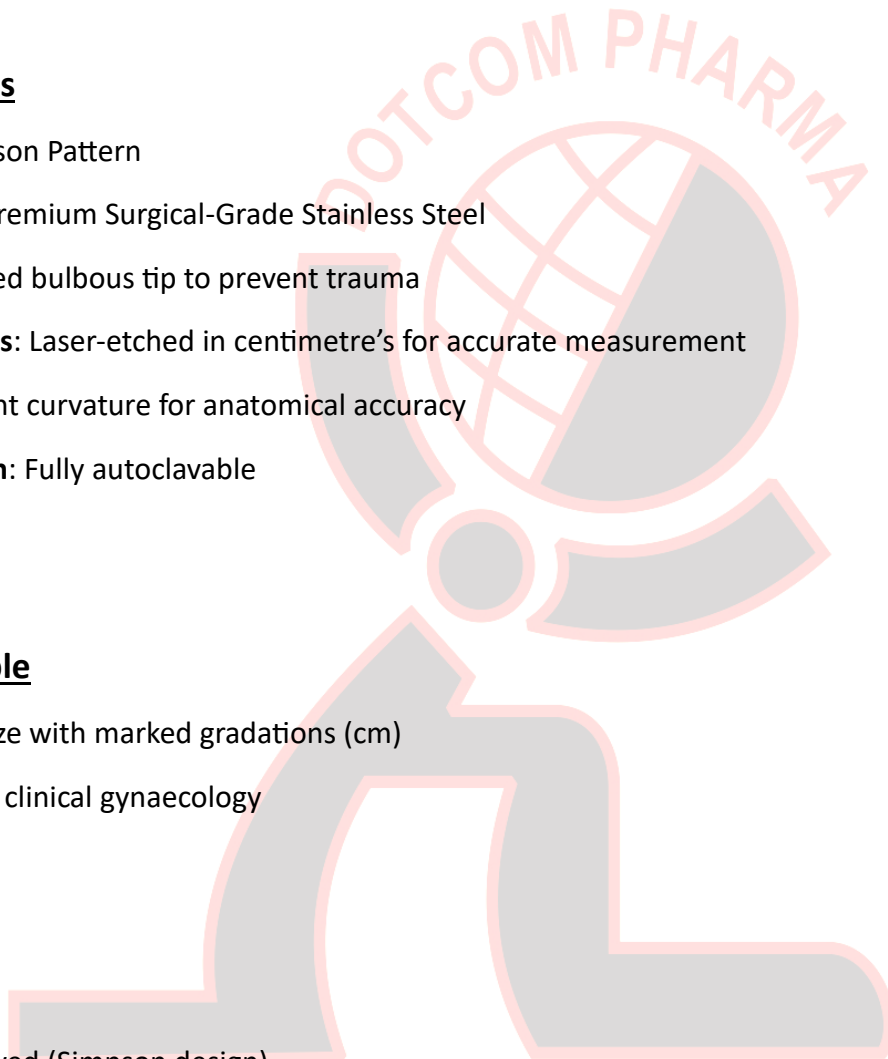
Shapes

- Slightly curved (Simpson design)
- Round-tip sound with etched markings

Types

- **Premium Simpson Uterine Sound**

(Single-ended with curved shaft)



Material

- High-quality German stainless steel
- Rust-free, corrosion-resistant
- Mirror/satin finish (model-dependent)

Category

- Gynaecological Instruments
- Diagnostic & Measuring Tools

Product Form

- Reusable physical instrument
- Single-piece, non-detachable

Usage

Used to:

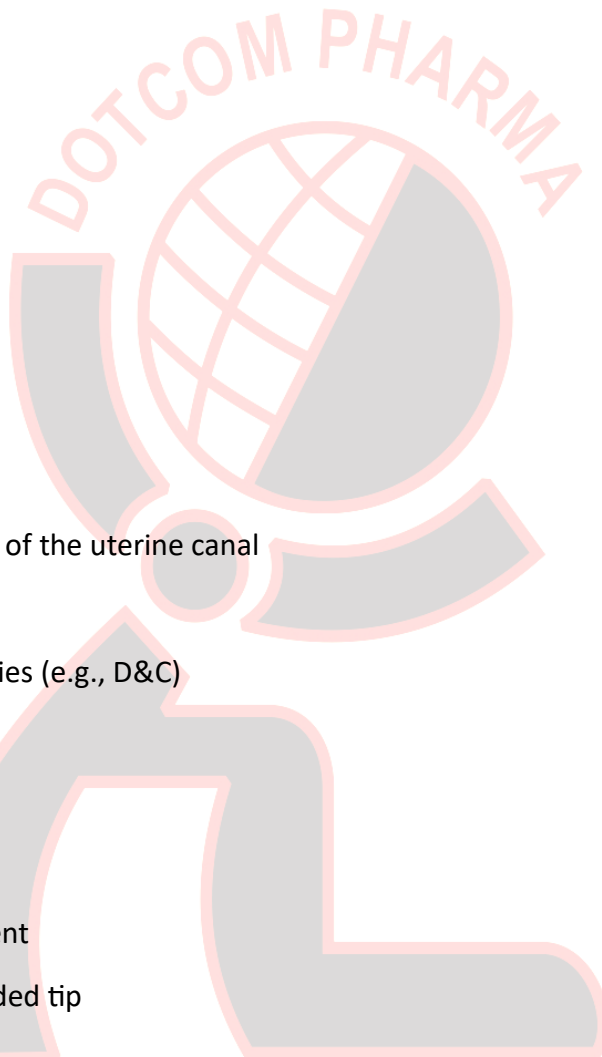
- Measure the length and direction of the uterine canal
- Assist in safe insertion of IUDs
- Prepare for gynaecological surgeries (e.g., D&C)
- Evaluate uterine abnormalities

Advantages

- Accurate intrauterine measurement
- Prevents perforation due to rounded tip
- Durable and reusable
- Clear, easy-to-read etched gradations
- Compatible with all sterilization methods

Disadvantages

- Requires trained handling to avoid discomfort
- Not suitable for use during active infection/ May cause cramping in sensitive patients



Precautions

- Must be sterilized before each use
- Use gentle insertion technique to avoid trauma
- Do not bend or modify the curve
- Avoid use in presence of heavy bleeding or infection

HS / HSN Code

- **HS Code:** 9018.90
- **HSN Code:** 9018.90.99

Handling Instructions

- Insert gently along uterine axis
- Read depth at external so using etched scale
- Clean and sterilize immediately after use
- Store in a sterile, dry environment

Sterilization Details

- Steam autoclave at 121°C for 15–20 mins
- Can be soaked in chemical sterilant (e.g., glutaraldehyde)
- Dry completely before storage to prevent corrosion

Veterinary Applications

- Used in large animal reproductive exams (e.g., mares or cattle)
- Assists in checking uterine depth and abnormalities
- Helps prepare for artificial insemination or embryo transfer

Human Applications

- Commonly used in gynaecology for:
 - IUD insertion/ Uterine size and shape evaluation
 - Fertility assessments/ Surgical planning (e.g., hysteroscopy, D&C)

? Frequently Asked Questions (FAQs)

Q1. What is a Simpson Uterine Sound used for?

A: It's used to measure the depth and orientation of the uterus before procedures like IUD insertion or dilation.

Q2. Is this sound reusable?

A: Yes, it's made from premium stainless steel and is fully autoclavable.

Q3. Does it have measurement markings?

A: Yes, it features etched centimetre graduations for precise measurement.

Q4. Can this be used in veterinary practice?

A: Yes, it can be used in reproductive exams for large animals such as cows or mares.

Q5. How do I sterilize the uterine sound?

A: It can be steam autoclaved or chemically disinfected. Ensure it's fully dry before storage.

