

Rumen Puncture Needle

Description

The **Rumen Puncture Needle** is a specialized veterinary instrument designed for puncturing the rumen in ruminant animals such as cows and buffaloes. It facilitates the release of gas or fluid accumulation inside the rumen, helping to treat bloat or other digestive issues.

Made from high-quality stainless steel, this needle ensures durability and precision during veterinary procedures.

Specifications

- **Material:** Stainless Steel (SS 304 / SS 410)
- **Design:** Hollow, sharp-tipped needle with a handle for grip
- **Sizes Available:**
 - Length: 8", 10", 12" (common sizes)
 - Gauge: 10G, 12G (typical)
- **Shape:** Straight, with bevelled tip for easy puncture
- **Handle:** Textured or knurled for secure hold

Product Form

- Supplied as **single needle instrument**
- Packaged sterile or non-sterile (based on client request)

Veterinary Application

- Used for **rumen puncture** in cows, buffaloes, sheep, and goats
- Helps relieve ruminal tympany (bloat) by releasing trapped gas
- Essential tool for large animal veterinarians and livestock handlers

Human Application

Not Applicable

Advantages

- Sharp, precise tip for easy and safe penetration
- Durable stainless steel resists corrosion and wear
- Ergonomic handle improves control during procedure
- Available in multiple sizes to suit different animals and conditions

Disadvantages

- Requires skilled handling to avoid injury to the animal
- Single-use recommended in some cases to maintain sterility
- Not suitable for human medical use

Precautions

- Ensure proper sterilization before use
- Use with caution to avoid damaging internal organs
- Dispose of or re-sterilize as per veterinary standards
- Only trained personnel should perform rumen puncture

HS / HSN Code

- **HS Code:** 9018.39
- **HSN Code:** 9018.39.90
- **Description:** Veterinary surgical instruments and needles

Sterilization Details

- Compatible with autoclaving at 121–134°C
- Chemical sterilization or ETO gas also applicable
- Avoid mechanical damage during cleaning

? Frequently Asked Questions (FAQs)

1. How do I know what size needle to choose for different animals?

Generally, larger animals like cows need longer and thicker needles (10" to 12", 10G), while smaller ruminants can use shorter, thinner ones. Always consult a vet for the best fit.

2. Is this needle reusable or disposable?

It can be sterilized and reused, but for safety and infection control, many vets prefer single-use needles.

3. What precautions should be taken while using this needle?

Proper training is essential to avoid injuring the animal. Always sterilize before use and follow veterinary safety protocols strictly.

4. Can this needle be used to treat other rumen-related conditions?

Yes, primarily used for relieving bloat, but also for sampling rumen fluid for diagnostic purposes.

5. What materials is this needle made of and why?

High-quality stainless steel is used for durability, corrosion resistance, and easy sterilization.

