



The Stainless Steel Ear Syringe (VM-SYRESS) is a 100cc piston-action instrument for aural irrigation and cerumen (ear wax) removal in clinical practice. The stainless steel construction withstands repeated autoclave sterilisation at 134°C steam, making it suitable for multi-patient reuse in GP, ENT, and primary care settings. Compatible with standard ear irrigation trays and kidney bowls.

### **100cc Piston-Action Syringe for Aural Irrigation and Cerumen Removal**

The VM-SYRESS is a 100cc (100ml) stainless steel ear syringe designed for aural irrigation — the standard clinical procedure for removing excess or impacted cerumen (ear wax) and foreign bodies from the external ear canal. The piston mechanism delivers a controlled, directional stream of warm water or saline which is directed at the posterior superior wall of the ear canal at a slight angle, dislodging impacted wax through hydraulic pressure without direct contact with the tympanic membrane. The 100cc capacity provides sufficient volume for effective irrigation without requiring multiple refills mid-procedure, reducing total procedure time and improving patient comfort during what can be an uncomfortable clinical encounter.

## Clinical Technique, Safety, and Contraindications

Correct aural irrigation technique requires directing the water stream at the posterior superior wall of the ear canal — never directly toward the eardrum — to avoid tympanic membrane injury. The stainless steel body provides the clinician with tactile feedback during the procedure, allowing precise manual pressure control throughout the irrigation cycle. Contraindications to aural irrigation include known or suspected tympanic membrane perforation, active ear discharge, and a history of previous middle ear surgery — in these cases, alternative cerumen management methods should be considered. The piston seal should be inspected regularly for wear and replaced when deterioration is noted to maintain the controlled delivery pressure required for safe irrigation technique.

## Autoclavable Construction and South African Clinical Supply

Unlike single-use disposable plastic ear syringes, the VM-SYRESS is designed for repeated clinical use. The stainless steel construction resists corrosion from repeated exposure to saline, antiseptic solutions, and steam sterilisation cycles, and the instrument can be autoclaved at 134°C between patients to meet infection control requirements in shared clinical environments. It is compatible with standard ear irrigation trays and kidney bowls used in South African primary care and ENT practice. Available in South Africa from Vital Medical, the VM-SYRESS is suited to GP consulting rooms, ENT clinics, community health centres, occupational health facilities, and any primary care setting where aural irrigation is performed as a routine procedure.

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## TECHNICAL SPECIFICATIONS TABLE

| Specification | Detail                                 |
|---------------|----------------------------------------|
| SKU           | VM-SYRESS                              |
| Type          | Piston-action aural irrigation syringe |
| Capacity      | 100cc (100ml)                          |
| Material      | Stainless steel                        |
| Sterilisation | Autoclavable (134°C steam)             |

**Specification****Detail**

|                   |                                                              |
|-------------------|--------------------------------------------------------------|
| Compatibility     | Standard ear irrigation trays and kidney bowls               |
| Applications      | Aural irrigation, cerumen removal, foreign body removal      |
| Clinical Settings | GP, ENT, primary care, community health, occupational health |

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