Prior to use carefully read the
Instruction For Use

Description

Prime Chlorhexidine is a 2% Chlorohexidine Digluconate
Antiseptic Solution for Endodontic and Periodontal Treatment

Product Overview

Prime Chlorhexidine is a versatile 2% Chlorhexidine Digluconate solution designed for the sterilization of root canals and the treatment of periodontal condition. It provides broad-spectrum antimicrobial activity against both gram-positive and gram-negative bacteria, maintaining its efficacy even in the presence of blood or pus.
Key Properties
Effectively sterilizes the root canal system without compromising the adhesion of filling materials.
Stability: Optimized for the oral environment.

Indications for Use

Endodontics: Treatment of infected root canals in cases of Pulpitis and Periodontitis.
Restorative: Disinfection of prepared tooth cavities prior to filling.
Periodontics: Antiseptic irrigation of periodontal pockets.
Prophylaxis: Preventive flushing for Gingivitis and early-stage Periodontitis.

Methods of Use

Root Canal Treatment
Eject few drops in the widened canal using a Prime's RC Twent side-vented endodontic needle.
Allow the liquid to remain in canal for 1–3 minutes.
Critical Safety Note: If using after Sodium Hypochlorite, the canal must be thoroughly rinsed with distilled water and dried with paper points between both irrigation solutions to prevent the formation of brown precipitates.
Cavity Disinfection
Soak the prepared cavity using a saturated cotton swab for 1 minute before placing restorative material.
Periodontal flushing
Dilution: Mix 1 part PRIME CHLORHEXIDINE with 9 parts distilled water to achieve a 0.2% concentration. Irrigate periodontal pockets or inflamed mucosa using a syringe as part of a prescribed treatment course.

Important Interactions & Precautions

Incompatibility: Do not mix with alkaline substances (e.g., Calcium Hydroxide) or Sodium Hypochlorite, as this reduces effectiveness and may cause tooth staining.
Water Quality: Use distilled water for dilution; hard water significantly decreases antiseptic potency.
pH Sensitivity: Effectiveness is reduced in environments with a pH of 8.0 or higher.
Compatibility: Safe to use alongside Benzalkonium Chloride and Cetrimide.

Contraindications & Storage

Contraindications: Do not use in patients with a known hypersensitivity or allergy to Chlorhexidine.
Side Effects: No known side effects when used, transported, and stored according to instructions.

Storage:

Always Store in cool and dry place away from direct light.
Keep the container tightly sealed.

Shelf Life: 2 years from the date of manufacture.

Note : Discard solution in 1 to 3 months after opening bottle.

Presentation

Packaging: 500ml Bottle