pharmaniaga®

CHLORHEXIDA 4 SOLUTION

Chlorhexidine Gluconate 4% w/v

DESCRIPTION
A clear reddish solution without any foreign particles and with lavender odour.

COMPOSITION
Each 100mL of the solution contains 4g of Chlorhexidine gluconate.

PHARMACODYNAMICS
Chlorhexidine is a bisbiguanide antiseptic that is bactericidal (kills bacteria) or bacteriostatic (inhibits bacterial growth) against a wide range of Gram-positive and Gram-negative bacteria.

Chlorhexidine kills bacteria by binding cationic molecule to negatively charged bacterial cell walls and microbial complexes leading to precipitation of cytoplasmic contents of bacterial cell wall which results in cell death. At lower concentration, it acts as a bacteriostatic by alteration of bacterial cell osmotic equilibrium and leakage of potassium and phosphorus.

PHARMACOKINETICS
Chlorhexidine is cationic in nature as it binds strongly to skin mucosa and other tissues and thus very poorly absorbed.

INDICATIONS
Chlorhexida 4 Solution is used for general antiseptic purpose such as for pre-operative skin disinfection and hand washing.

RECOMMENDED DOSE
For external use only. Do not dilute. To be used full strength.

ROUTE OF ADMINISTRATION
For topical use only.

CONTRAINDICATIONS
Contraindicated in patients with known hypersensitivity.

WARNINGS AND PRECAUTIONS
- Chlorhexida 4 Solution contains chlorhexidine. Chlorhexidine is known to induce hypersensitivity, including generalized allergic reactions and anaphylactic shock. The prevalence of chlorhexidine hypersensitivity is unknown, but available literature suggests this is likely to be very rare.
- Chlorhexida 4 Solution should not be administered to anyone with a possible history of an allergic reaction to chlorhexidine.
- If any sign or symptom of a suspected hypersensitivity rection such as itching, skin rash, redness, swelling, breathing difficulties, light headedness, and rapid heart rate develop, immediately stop using the product. Appropriate therapeutic countermeasures must be instituted as clinically indicated.
- For external use only.
- Avoid contact with brain, meninges and middle ear. If there is contact with these areas, rinse out promptly and thoroughly with water.
- Keep out of eyes. If chlorhexidine solutions come into contact with eyes, wash out promptly and thoroughly with water.
- The antimicrobial activity of chlorhexidine may be diminished through incompatibility or through adsorption. Its activity may also be reduced in the presence of organic matter such as blood and pus. Do not use in body cavities.
- Not for intravenous administration.
- Do not use unless the solution is clear and the container is intact. Discard the unused contents.

INTERACTION WITH OTHER MEDICAMENTS
Incompatible with soaps or other anionic agents.

PREGNANCY AND LACTATION
No effects during pregnancy and lactation are anticipated, since systemic exposure to chlorhexidine gluconate is negligible.

ADVERSE EFFECTS / UNDESIRABLE EFFECTS

System Organ Class	Frequency	Adverse Effects
Immune system disorders	Not known	Hypersensitivity including anaphylactic shock. A superficial discoloration of the dorsum of the tongue may occur which disappears after discontinuation of treatment. Discoloration of the teeth and silicate or composite restorations may also occur. The discoloration is not permanent and may be prevented by brushing daily with conventional toothpaste prior to using the mouthwash and avoiding tannin-containing food and drinks. In some cases, a professional prophylaxis (scaling and polishing) may be necessary to completely remove the stain. Transient disturbances of taste and a burning sensation of the tongue may occur on initial use of the mouthwash but usually diminishes with continued use. In cases where oral desquamation occurs it may be necessary to discontinue treatment. Very occasionally, swelling of the parotid glands during use has been reported. If this happens stop using the product and the effect should go away. In all cases spontaneous resolution has occurred on discontinuation of treatment
Skin and subcutaneous tissue disorders	Not known	Allergic skin reactions such as dermatitis, pruritus, erythema, eczema, rash, urticaria, skin irritation and blisters.

OVERDOSE AND TREATMENT
Accidental Ingestion
Chlorhexidine is poorly absorbed orally. Treat with gastric lavage using milk, egg white, gelatin or mild soap. Employ supportive measures as appropriate.

Accidental Intravenous Administration
Blood transfusion may be necessary to counteract haemolysis

EFFECTS ON ABILITY TO DRIVE AND USE MACHINE
No effects on ability to drive and machine use.

STORAGE CONDITIONS
Store below 30ºC, away from direct light. Keep container tightly closed.

SHELF LIFE
Product should not be used beyond the expiry date imprinted on the product packaging.

PACK SIZE
Plastic Containers of 500mL & 1Litre.

KEEP MEDICINES OUT OF REACH OF CHILDREN
JAUHI UBAT-UBATAN DARI KANAK-KANAK

For further information, please consult your doctor or your pharmacist.
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