

oral debris. Concentrations greater than 1.5% in children may cause ulceration and tissue damage.

Chlorhexidine below is an effective antiseptic which has the advantage of inhibiting plaque formation on the teeth. It does not, however, completely control plaque deposition and is not a substitute for effective toothbrushing. Moreover, chlorhexidine preparations do not penetrate significantly into stagnation areas and are therefore of little value in the control of dental caries or of periodontal disease once pocketing has developed. Chlorhexidine preparations are of little value in the control of acute necrotising ulcerative gingivitis. With prolonged use, chlorhexidine causes reversible brown staining of teeth and tongue. Chlorhexidine may be incompatible with some ingredients in toothpaste, causing an unpleasant taste in the mouth; rinse the mouth thoroughly with water between using toothpaste and chlorhexidine-containing products.

Chlorhexidine can be used as a mouthwash, spray or gel for secondary infection in mucosal ulceration and for controlling gingivitis, as an adjunct to other oral hygiene measures. These preparations may also be used instead of toothbrushing where there is a painful periodontal condition (e.g. primary herpetic stomatitis) or if the patient has a haemorrhagic disorder, or is disabled. Chlorhexidine mouthwash is used in the prevention of oral candidiasis in immunocompromised patients. Chlorhexidine mouthwash reduces the incidence of alveolar osteitis following tooth extraction. Chlorhexidine mouthwash should not be used for the prevention of endocarditis in children undergoing dental procedures.

ANTISEPTICS AND DISINFECTANTS

Chlorhexidine

21-Nov-2019

● INDICATIONS AND DOSE

Oral hygiene and plaque inhibition | Oral candidiasis | Gingivitis | Management of aphthous ulcers

► BY MOUTH USING MOUTHWASH

► Child: Rinse or gargle 10 mL twice daily (rinse or gargle for about 1 minute)

Oral hygiene and plaque inhibition and gingivitis

► BY MOUTH USING DENTAL GEL

► Child: Apply 1–2 times a day, to be brushed on the teeth

Oral candidiasis | Management of aphthous ulcers

► BY MOUTH USING DENTAL GEL

► Child: Apply 1–2 times a day, to affected areas

Oral hygiene and plaque inhibition | Oral candidiasis | Gingivitis | Management of aphthous ulcers

► BY MOUTH USING OROMUCOSAL SPRAY

► Child: Apply up to 12 sprays twice daily as required, to be applied tooth, gingival, or ulcer surfaces

Bladder irrigation and catheter patency solutions

► BY INTRAVESICAL INSTILLATION

► Child: (consult product literature)

● UNLICENSED USE

► With oral (topical) use *Corsodyl*[®] not licensed for use in children under 12 years (unless on the advice of a healthcare professional).

● SIDE-EFFECTS

► Common or very common

► With oromucosal use Dry mouth · hypersensitivity · oral disorders · taste altered · tongue discolouration · tooth discolouration

SIDE-EFFECTS, FURTHER INFORMATION If desquamation occurs with mucosal irritation, discontinue treatment.

● PATIENT AND CARER ADVICE

► With oral (topical) use Chlorhexidine gluconate may be incompatible with some ingredients in toothpaste; rinse

the mouth thoroughly with water between using toothpaste and chlorhexidine-containing product.

● PROFESSION SPECIFIC INFORMATION

Dental practitioners' formulary

► With oral (topical) use *Corsodyl*[®] dental gel may be prescribed as Chlorhexidine Gluconate Gel; *Corsodyl*[®] mouthwash may be prescribed as Chlorhexidine Mouthwash; *Corsodyl*[®] oral spray may be prescribed as Chlorhexidine Oral Spray.

► **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug. Forms available from special-order manufacturers include: liquid, irrigation solution

Dental gel

► *Corsodyl* (GlaxoSmithKline Consumer Healthcare)

► **Chlorhexidine gluconate 10 mg per 1 gram** *Corsodyl* 1% dental gel sugar-free | 50 gram **P** £2.23 DT = £2.23

Irrigation

► Chlorhexidine (Non-proprietary)

Chlorhexidine acetate 200 microgram per 1 ml Chlorhexidine acetate 0.02% catheter maintenance solution | 100 ml **P** **NS** DT = £2.70

► **Uro-Tainer (chlorhexidine)** (B.Braun Medical Ltd)

Chlorhexidine acetate 200 microgram per 1 ml Uro-Tainer chlorhexidine 1:5000 catheter maintenance solution | 100 ml **P** £2.70 DT = £2.70

Mouthwash

► Chlorhexidine (Non-proprietary)

Chlorhexidine gluconate 2 mg per 1 ml Chlorhexidine gluconate 0.2% mouthwash aniseed | 300 ml **GSL** £2.09 DT = £3.19

Chlorhexidine gluconate 0.2% mouthwash natural | 300 ml **GSL** £4.18 DT = £3.19

Chlorhexidine gluconate 0.2% mouthwash plain | 300 ml **GSL** £3.19 DT = £3.19

Chlorhexidine gluconate 0.2% mouthwash peppermint | 300 ml **GSL** £4.19 DT = £3.19

Chlorhexidine gluconate 0.2% mouthwash original | 300 ml **GSL** £4.18 DT = £3.19

► *Corsodyl* (GlaxoSmithKline Consumer Healthcare)

Chlorhexidine gluconate 2 mg per 1 ml *Corsodyl* Mint 0.2% mouthwash | 300 ml **GSL** £2.99 DT = £3.19 | 600 ml **GSL** £4.50

Corsodyl 0.2% mouthwash aniseed | 300 ml **GSL** £2.99 DT = £3.19

Corsodyl 0.2% mouthwash alcohol free | 300 ml **GSL** £3.57 DT = £3.19

► **Curasept** (Curaprox (UK) Ltd)

Chlorhexidine gluconate 2 mg per 1 ml Curasept 0.2% oral rinse | 200 ml **NS**

Irrigation solution

► Chlorhexidine (Non-proprietary)

Chlorhexidine acetate 200 microgram per 1 ml Chlorhexidine acetate 0.02% irrigation solution 1litre bottles | 1 bottle **P** **NS**

Chlorhexidine acetate 500 microgram per 1 ml Chlorhexidine acetate 0.05% irrigation solution 1litre bottles | 1 bottle **P** **NS**

Hexetidine (McNeil Products Ltd)

Hexetidine 1 mg per 1 ml Oraldene 0.1% mouthwash peppermint sugar-free | 200 ml **GSL** £2.92 DT = £2.92

● SIDE-EFFECTS

► **Rare or very rare** Anaesthesia · taste altered
 ► **Frequency not known** Cough · dry mouth · dysphagia · dyspnoea · nausea · salivary gland enlargement · vomiting

► **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug.

Mouthwash

► **Oraldene** (McNeil Products Ltd)

Hexetidine 1 mg per 1 ml Oraldene 0.1% mouthwash peppermint sugar-free | 200 ml **GSL** £2.92 DT = £2.92