

ANAESTHETICS, LOCAL

Lidocaine hydrochloride

(Lignocaine hydrochloride)

● INDICATIONS AND DOSE

Dental practice

- ▶ BY BUCCAL ADMINISTRATION USING OINTMENT
- ▶ Child: Rub gently into dry gum

LARYNGOJET®

Anaesthesia of mucous membranes of oropharynx, trachea, or respiratory tract

- ▶ TO MUCOUS MEMBRANES
- ▶ Child: Up to 3 mg/kg (max. per dose 200 mg), to be given as a single dose sprayed, instilled (if a cavity) or applied with a swab; reduce dose according to size, age, and condition of child

XYLOCAINE®

Bronchoscopy | Laryngoscopy | Oesophagoscopy | Endotracheal intubation

- ▶ TO MUCOUS MEMBRANES
- ▶ Child: Up to 3 mg/kg

- CAUTIONS Can damage plastic cuffs of endotracheal tubes

- INTERACTIONS → Appendix 1: antiarrhythmics

● ALLERGY AND CROSS-SENSITIVITY

- ▶ Hypersensitivity and cross-sensitivity Hypersensitivity reactions occur mainly with the ester-type local anaesthetics, such as tetracaine; reactions are less frequent with the amide types, such as articaine, bupivacaine, levobupivacaine, lidocaine, mepivacaine, prilocaine, and ropivacaine. Cross-sensitivity reactions may be avoided by using the alternative chemical type.

- PREGNANCY Crosses the placenta but not known to be harmful in *animal* studies—use if benefit outweighs risk. When used as a local anaesthetic, large doses can cause fetal bradycardia; if given during delivery can also cause neonatal respiratory depression, hypotonia, or bradycardia after paracervical or epidural block.

- BREAST FEEDING Present in milk but amount too small to be harmful.

- HEPATIC IMPAIRMENT Caution—increased risk of side-effects.

- RENAL IMPAIRMENT Possible accumulation of lidocaine and active metabolite; caution in severe impairment.

● PROFESSION SPECIFIC INFORMATION

Dental practitioners' formulary Lidocaine ointment 5% may be prescribed. Spray may be prescribed as Lidocaine Spray 10%

XYLOCAINE® May be prescribed as lidocaine spray 10%.

- MEDICINAL FORMS There can be variation in the licensing of different medicines containing the same drug. Forms available from special-order manufacturers include: ointment

Spray

- ▶ **Xylocaine** (Aspen Pharma Trading Ltd)
Lidocaine 10 mg per 1 actuation Xylocaine 10mg/dose spray sugar-free | 50 ml [P] £6.29 DT = £6.29

Ointment

- ▶ **Lidocaine hydrochloride (Non-proprietary)**
Lidocaine hydrochloride 50 mg per 1 gram Lidocaine 5% ointment | 15 gram [P] £9.00 DT = £6.18

ANALGESICS > NON-STEROIDAL ANTI-INFLAMMATORY DRUGS

Benzydamine hydrochloride

● INDICATIONS AND DOSE

Painful inflammatory conditions of oropharynx

- ▶ TO THE LESION USING MOUTHWASH
- ▶ Child 13–17 years: Rinse or gargle 15 mL every 1.5–3 hours as required usually for not more than 7 days, dilute with an equal volume of water if staining occurs
- ▶ TO THE LESION USING OROMUCOSAL SPRAY
- ▶ Child 1 month–5 years (body-weight 4–7 kg): 1 spray every 1.5–3 hours, to be administered onto the affected area
- ▶ Child 1 month–5 years (body-weight 8–11 kg): 2 sprays every 1.5–3 hours, to be administered onto the affected area
- ▶ Child 1 month–5 years (body-weight 12–15 kg): 3 sprays every 1.5–3 hours, to be administered onto the affected area
- ▶ Child 1 month–5 years (body-weight 16 kg and above): 4 sprays every 1.5–3 hours, to be administered onto the affected area
- ▶ Child 6–11 years: 4 sprays every 1.5–3 hours, to be administered onto affected area
- ▶ Child 12–17 years: 4–8 sprays every 1.5–3 hours, to be administered onto affected area

- INTERACTIONS → Appendix 1: NSAIDs

● SIDE-EFFECTS

- ▶ Uncommon Oral disorders
- ▶ Rare or very rare Photosensitivity reaction · respiratory disorders · skin reactions
- ▶ Frequency not known Angioedema

● PROFESSION SPECIFIC INFORMATION

Dental practitioners' formulary

Benzydamine Oromucosal Spray 0.15% may be prescribed. Benzydamine mouthwash may be prescribed as Benzydamine Mouthwash 0.15%.

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

Spray

- ▶ **Benzydamine hydrochloride (Non-proprietary)**
Benzydamine hydrochloride 1.5 mg per 1 ml Benzydamine 0.15% oromucosal spray sugar free sugar-free | 30 ml [P] £4.24 DT = £3.46

Mouthwash

- ▶ **Benzydamine hydrochloride (Non-proprietary)**
Benzydamine hydrochloride 1.5 mg per 1 ml Benzydamine 0.15% mouthwash sugar free sugar-free | 300 ml [P] £7.95 DT = £7.25
- ▶ **Diffiam** (Meda Pharmaceuticals Ltd)
Benzydamine hydrochloride 1.5 mg per 1 ml Diffiam Oral Rinse 0.15% solution sugar-free | 300 ml [P] £6.50 DT = £7.25
Diffiam 0.15% Sore Throat Rinse sugar-free | 200 ml [P] £4.64

Flurbiprofen

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● INDICATIONS AND DOSE

Relief of sore throat

- ▶ BY MOUTH USING LOZENGES
- ▶ Child 12–17 years: 1 lozenge every 3–6 hours for maximum 3 days, allow lozenge to dissolve slowly in the mouth; maximum 5 lozenges per day

- INTERACTIONS → Appendix 1: NSAIDs

- SIDE-EFFECTS Oral ulceration (move lozenge around mouth) · taste altered

- ALLERGY AND CROSS-SENSITIVITY Contra-indicated in patients with a history of hypersensitivity to aspirin or any other NSAID—which includes those in whom attacks of