Information provision: Give verbal and written information to parents/carers and children on nature and effects of OME.

Concerns from parents/carers or professionals

#### Assess features suggestive of OME and refer for formal assessment if necessary

- · Hearing difficulty
- Indistinct speech or delayed language development
- Repeated ear infections or earache
- Poor educational progress
- Recurrent upper respiratory tract infections or frequent nasal obstruction
- Behavioural problems
- Less frequently, balance difficulties, tinnitus, intolerance of loud sounds

· Hearing testing (use tests

appropriate for child's

Whisper test

#### Formal assessment

- Clinical history (focus on poor listening skills, indistinct speech or delayed language development, inattention and behaviour problems, hearing
- fluctuation, recurrent ear infections or upper respiratory tract infections, balance problems and clumsiness, educational progress)
- Clinical examination (focus on otoscopy, general upper respiratory health, general development)
- developmental stage)Tympanometry

OME confirmed

Consider co-existing causes of hearing loss (sensorineural, permanent conductive and non-organic)

Manage

#### Active observation for 3 months

- Confirm persistence of bilateral OME and hearing loss over 3 months
- Advise on educational and behavioural strategies to minimise impact of hearing loss
- Offer autoinflation for children likely to cooperate
- · Reassess after 3 months

Persistent bilateral OME with a hearing level in better ear of 25–30 dBHL or worse confirmed over 3 months Persistent bilateral OME with hearing loss less than 25–30 dBHL and significant impact on child's developmental, social or educational status OME resolves

#### Surgical interventions

- · Give information about benefits and risks of treatment
- Insert ventilation tubes
- Do not use adjuvant adenoidectomy in absence of persistent and/or frequent upper respiratory tract symptoms

Follow up and reassess hearing

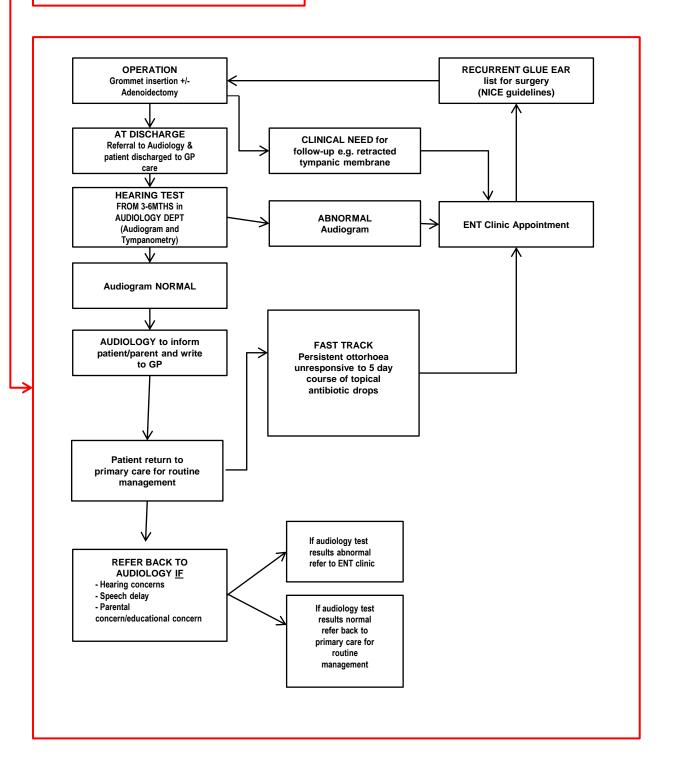
#### Non-surgical interventions

- · Give information about benefits and risks of treatment
- Offer hearing aids as an alternative to surgery where surgery is contraindicated or not acceptable
- Do not offer the following for OME: antibiotics, antihistamines, decongestants, steroids, homeopathy, cranial osteopathy, acupuncture, dietary modification, immunostimulants, massage

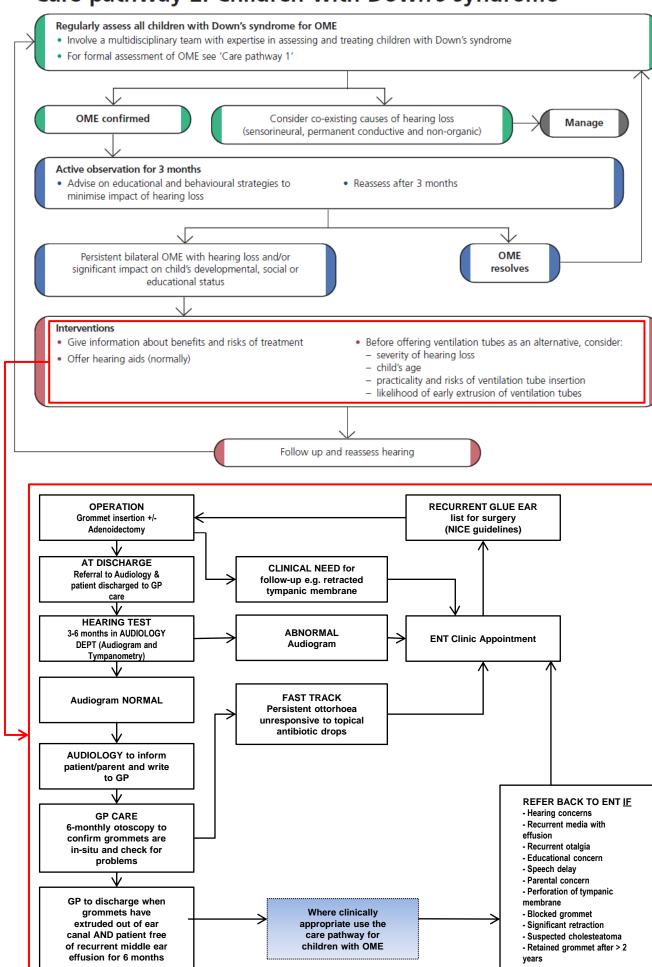
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## Care pathway 2. Children with Down's syndrome



### Care pathway 3. Children with cleft palate

