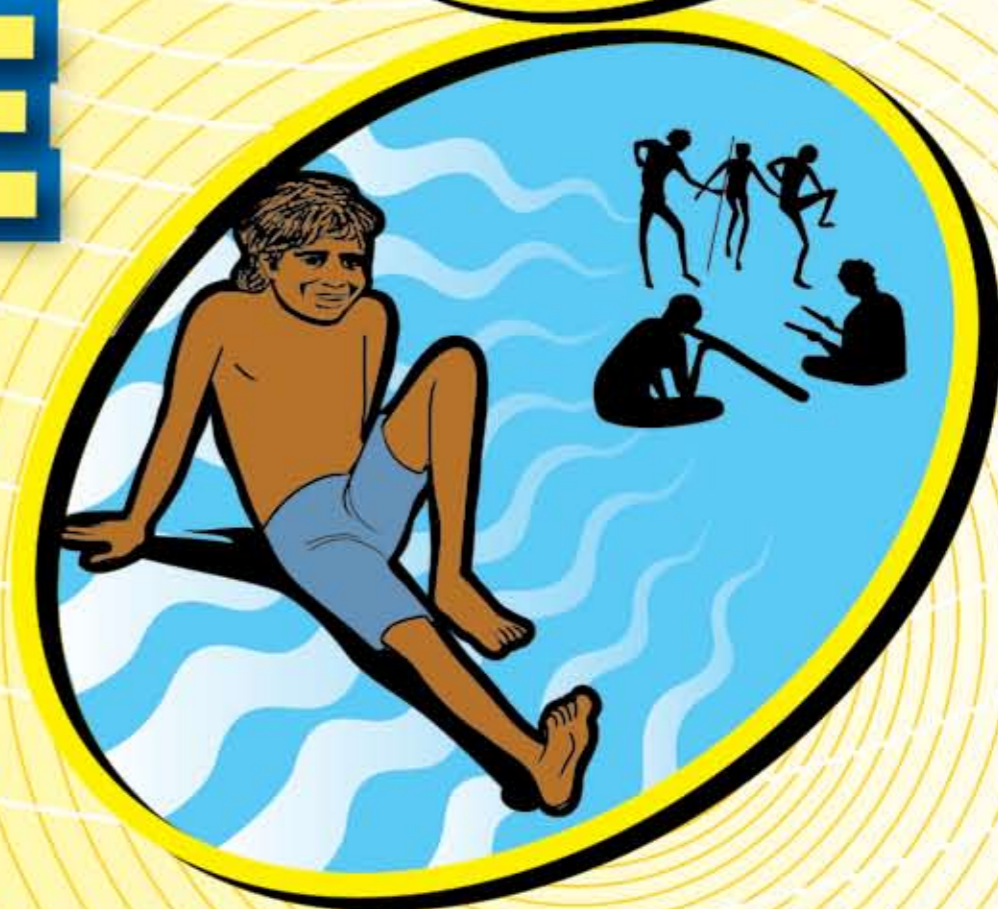




# EAR AND HEARING CARE



Australian Government  
Department of Health and Ageing

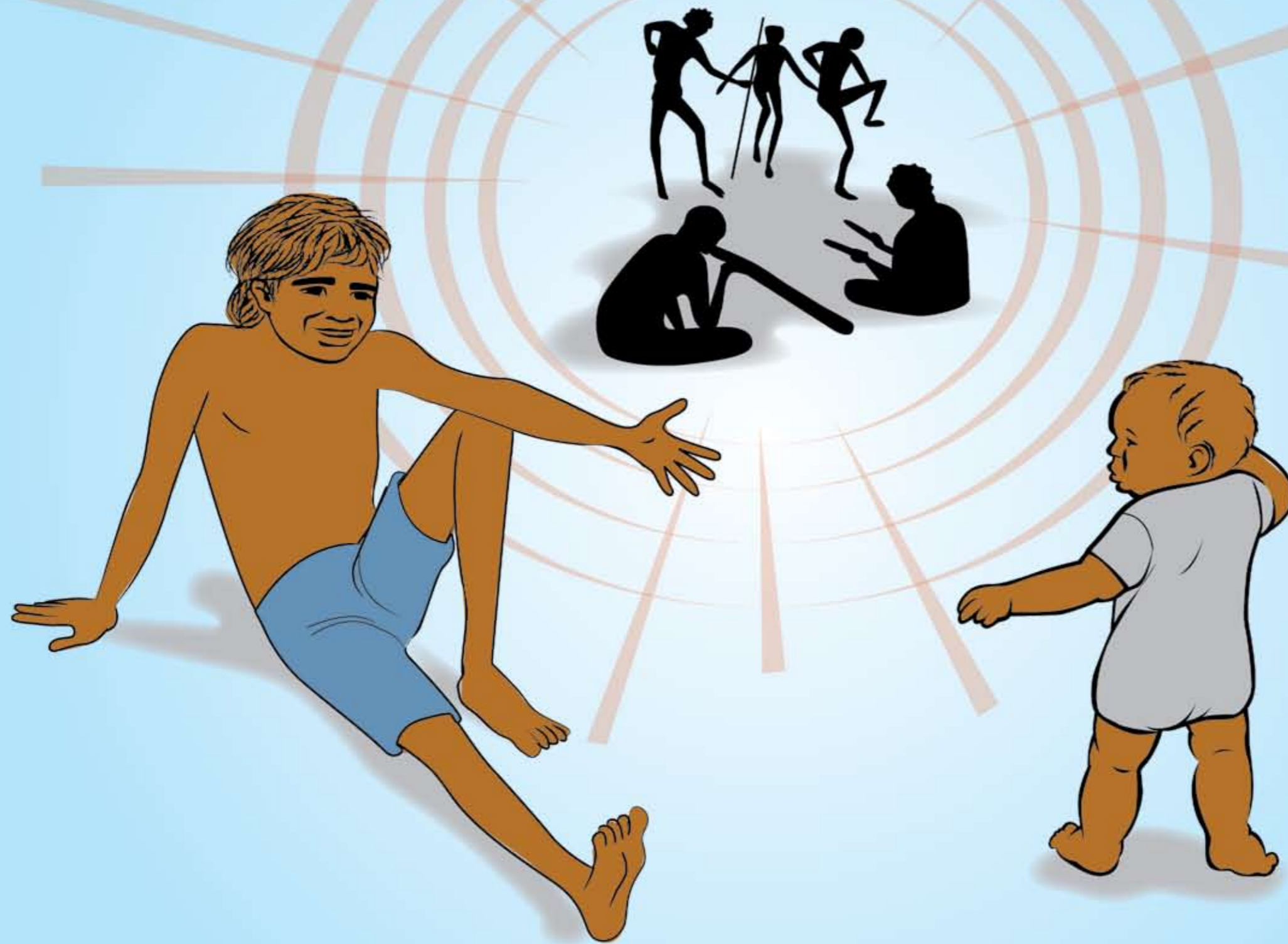


Northern Territory Government  
Department of Health and Community Services



Baby listens to noises

Baby listens to talking



Baby grows and learns by listening and talking

Can't listen



Hard to learn

Can't listen



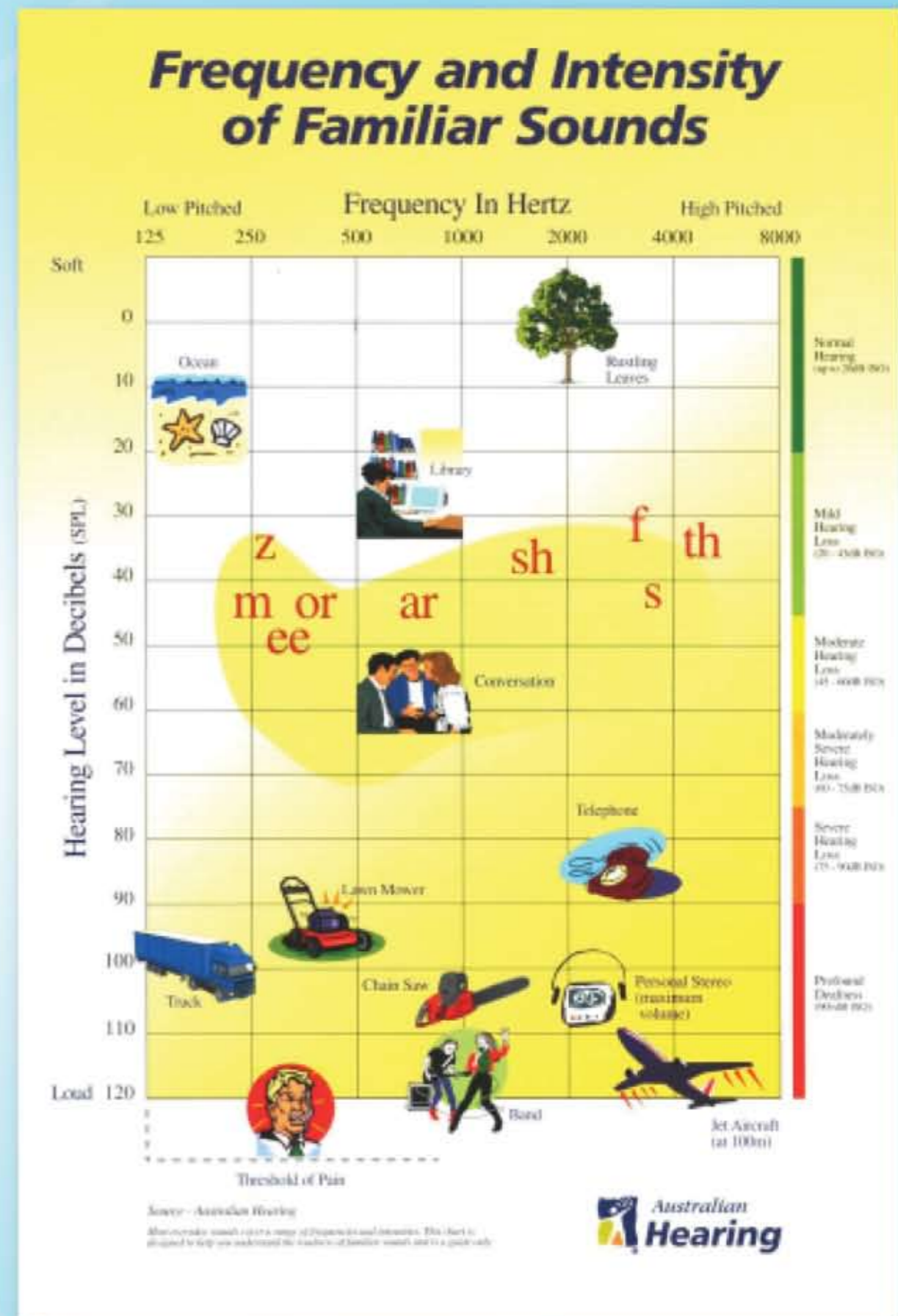
Hard to be part of group

Different **sounds**  
have different **energy**

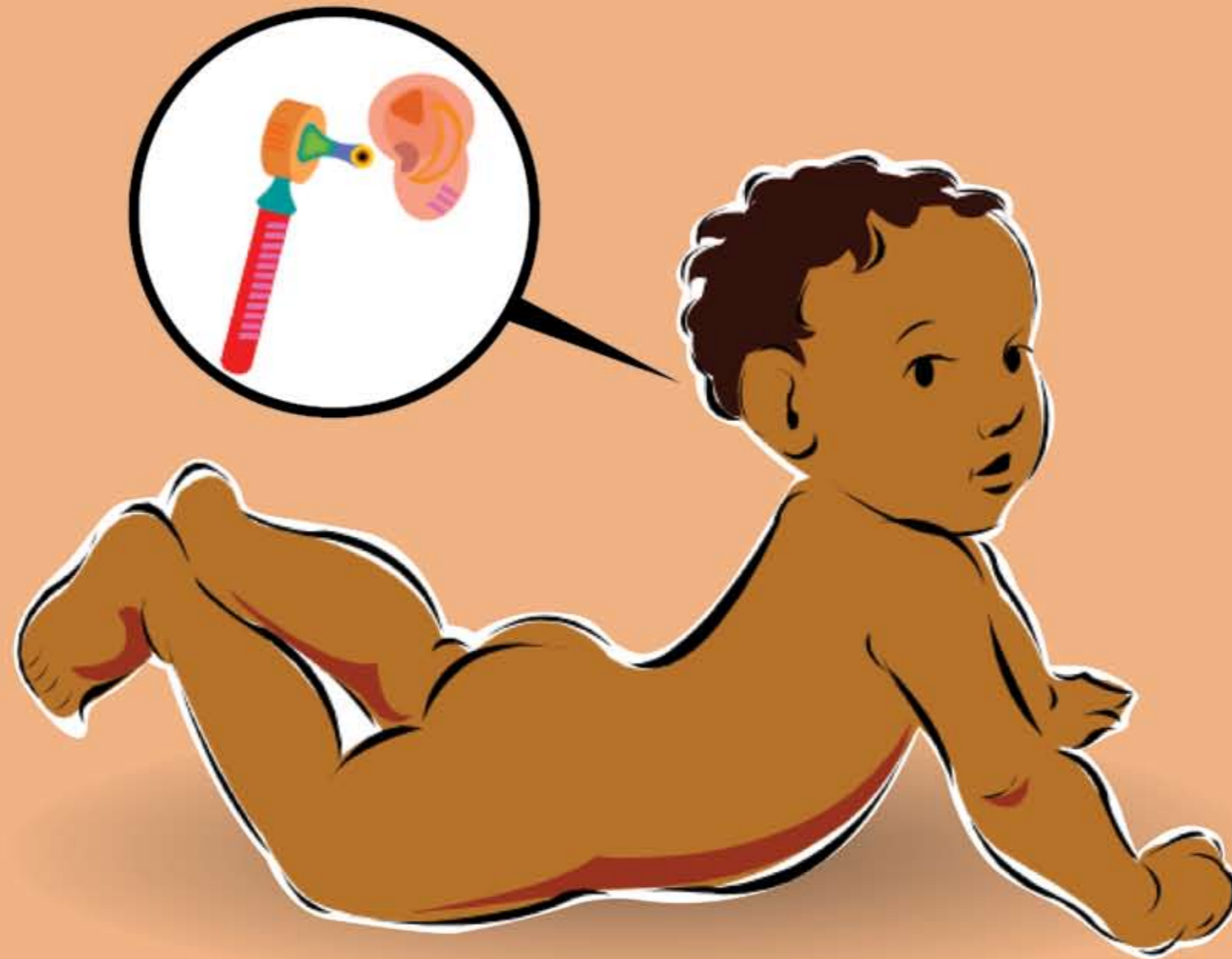
Hearing loss affects  
different **sounds**  
in different **people**

## Hearing Check

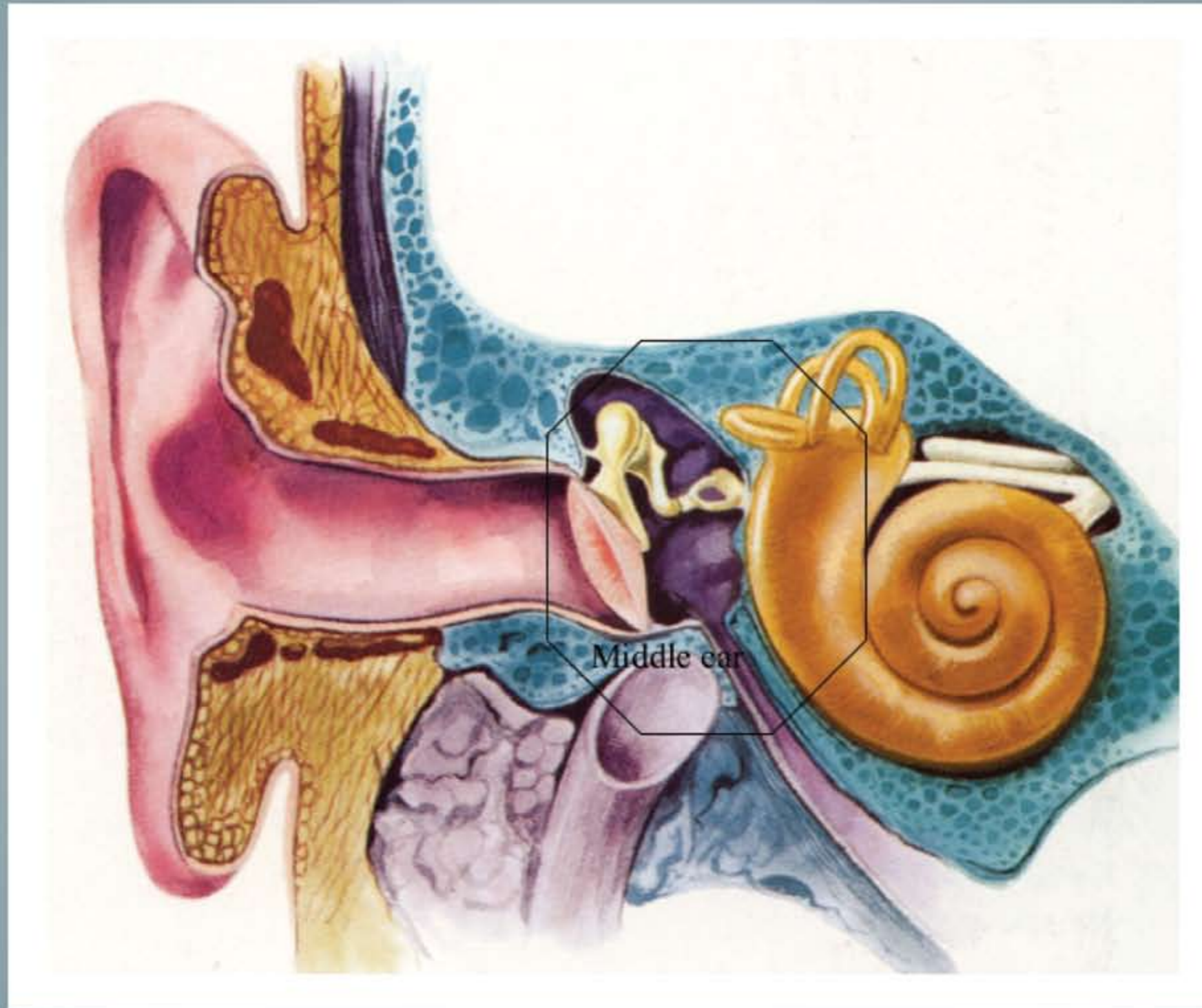
- Ear problem longer than 3 months
- Concern about listening
- Talking problems
- Sickness
- Family history
- Learning or behavioural problems at school



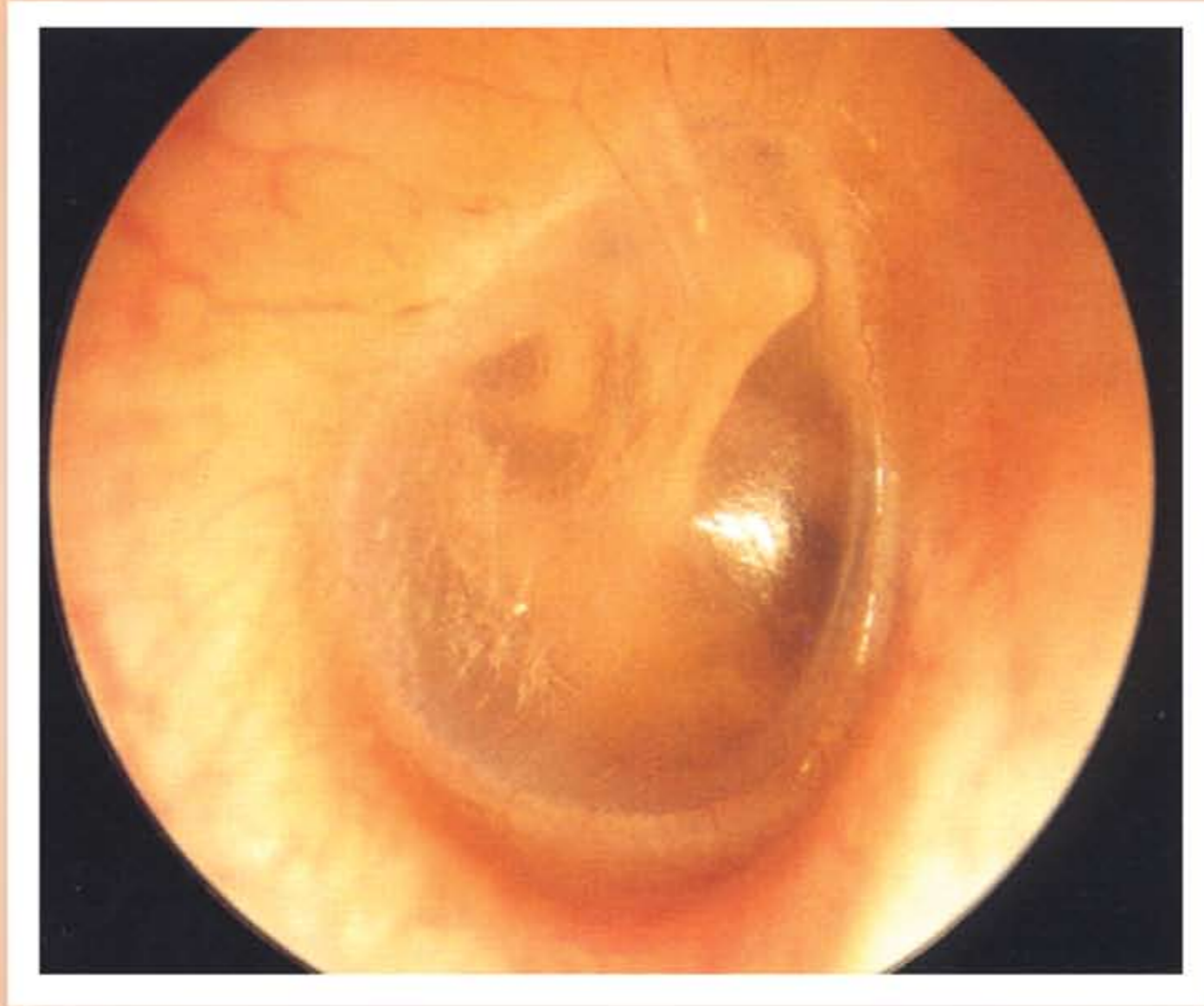
Babies ears need checking every visit to clinic



# The Ear



## Normal Ear



Clear and shiney ear drum

# Ear Infection Treatment

## *Acute Otitis Media*

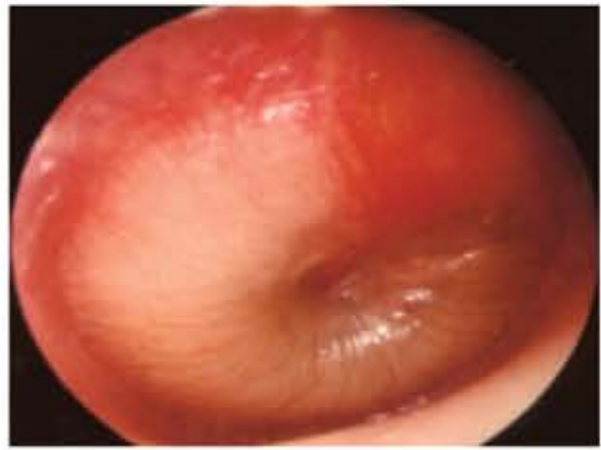
May have hole and discharge



May have no hole just bulging



## Acute Otits Media



- Medical. Recommend at least 14 days amozycillin (25mg/kg bd). Review at 7 days. If bulging persists continue for further 7 days (45mg/kg bd). Continue antibiotics until eardrum bulging has resolved.

- If AOM associated with diarrhoea or pneumonia can use daily IM procaine penicillin 50mg/kg/day until clinically improved, then complete course with amozycillin. If AOM associated with trachoma can use daily azithromycin 20mg/kg/day on day 1, and 5mg/kg/day day 2-5, then review.

■ Refer to Page 124 CARPA

## AOM with Perforation



- Medical. Recommend 14 days amozycillin (25-45mg/kg bd) and use Sofradex or Otodex, 2-4 drops two to four times a day, after dry mopping.

- Demonstrate mopping with toilet paper spears
- If AOM with perforation is associated with diarrhoea or pneumonia, can use daily IM procaine penicillin as for AOM.

■ Refer to Page 124 CARPA

## CSOM - Runny ear longer than 6 weeks



## **CSOM - Runny ears - pus for 6 weeks**



- Clean the ear canal with dry mopping. Add dexamethasone-framycetin-gramicidin drops (2-4 drops 4 times a day).
- Continue until ear has been dry at least 3 days, or for up to 16 weeks. Review 1-2 weekly.
- If no improvement despite good compliance, talk to DMO about alternative eardrops.
- Talk to family about hearing loss and things that help.
- Get hearing tested if ear problem has been present for longer than 3 months.

■ Refer to Page 126 CARPA

## **Dry Perforation (dry 3 days at least)**



- Organise for hearing test if longer than 3 months
- Refer to ENT for opinion on surgical repair
- Talk to family about hearing loss
- Talk to family about keep ear dry for healing of hole
- Talk to family about going to clinic for ear pain or discharge

■ Refer to Page 127 CARPA



Clean pus



Clean ALL pus



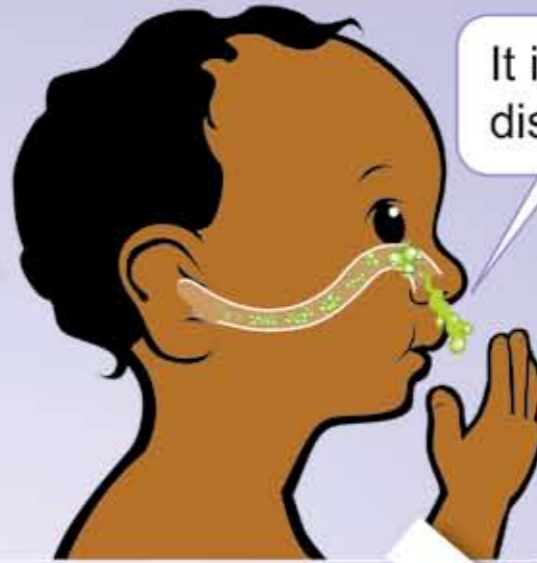
Keep clean for healing



Put drops in ears



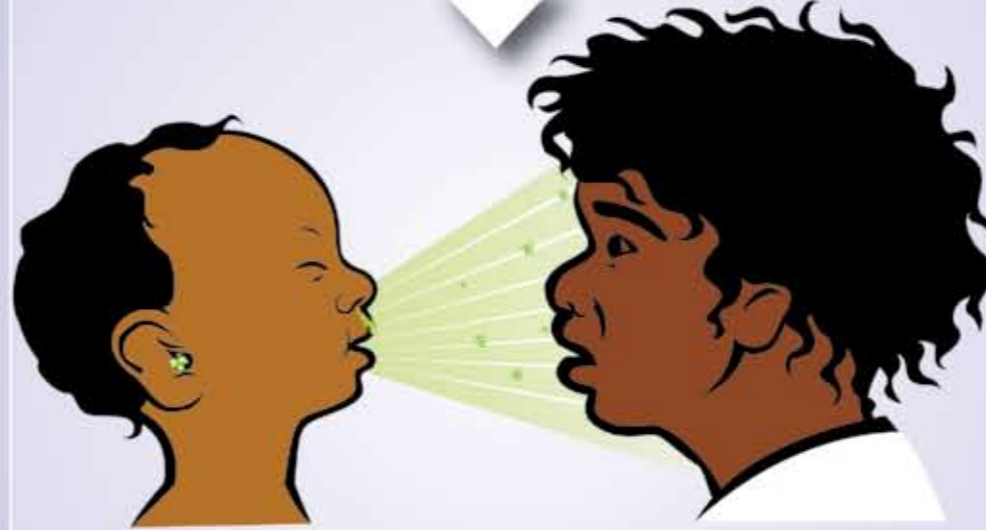
Germs can cause runny noses as well as ear disease.



It is easy to give someone else the disease by touching a runny nose.



by kissing...



by someone sneezing...



by touching someone...



You can now get ear disease or a runny nose



# How Infections Spread



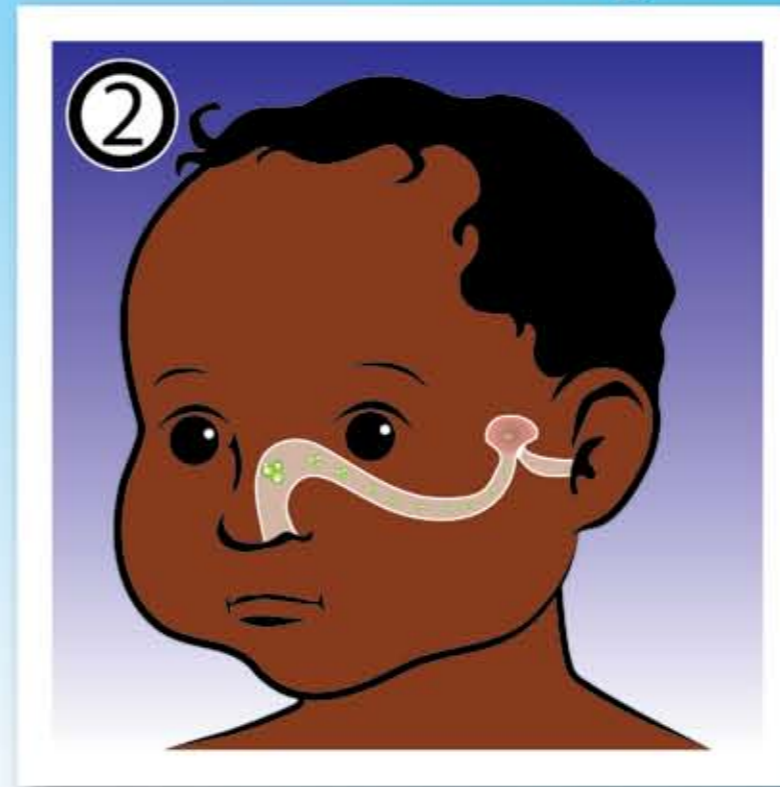
- Airborne - cough, sneeze breathing
- Skin contact - cuddle, holding hands
- Faecal, oral - from hands passed to others
- Blood & body - sores



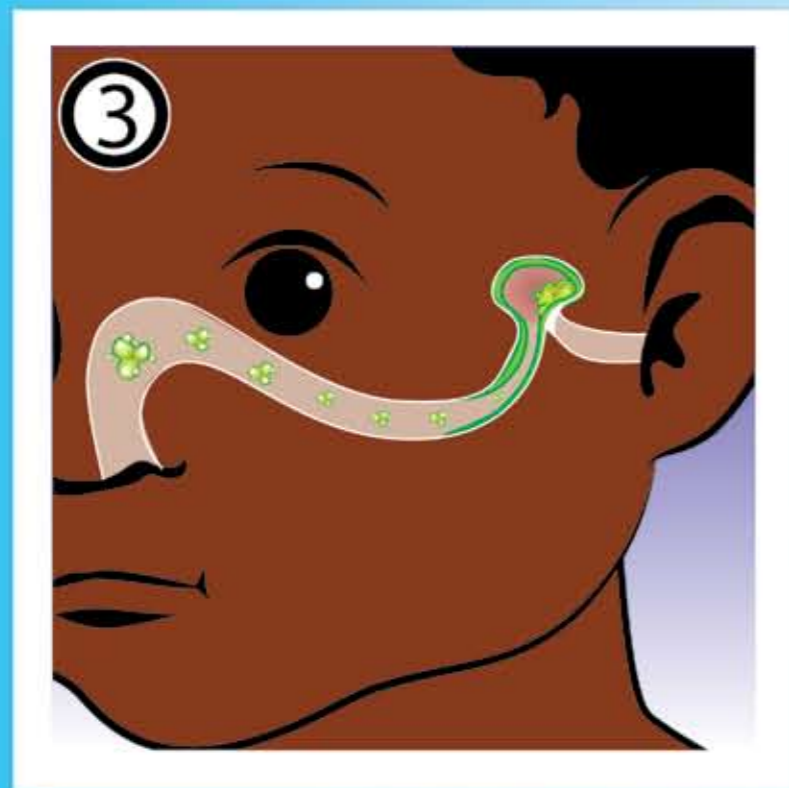
# How Do Children Get Pussey Ears



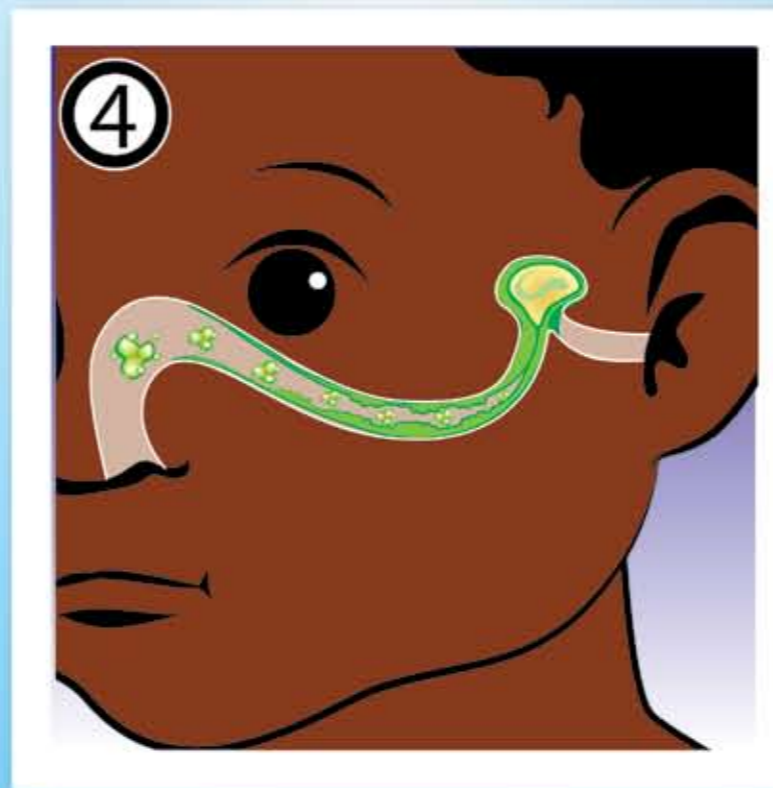
The germ (*pneumococcus*) lives in the back of your nose.



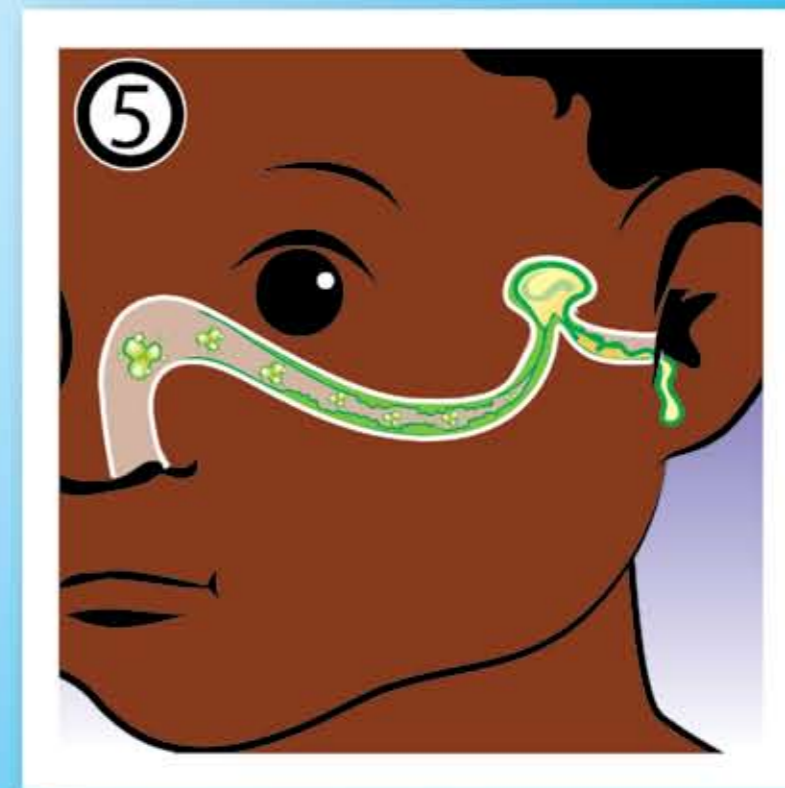
It travels to your ear through the Eustachian tube.



A middle ear infection called (*otitis media*) begins behind the ear drum.



Pus may build up, so that the middle ear becomes like a boil.



The eardrum bursts and pus comes out the ear.



## Germs

Virus - e.g colds, chickenpox, influenza

Bacteria - e.g middle ear infections, school sores

Fungi - e.g tinea, ringworm

Parasite - eg worms, scabies



# Hand Washing

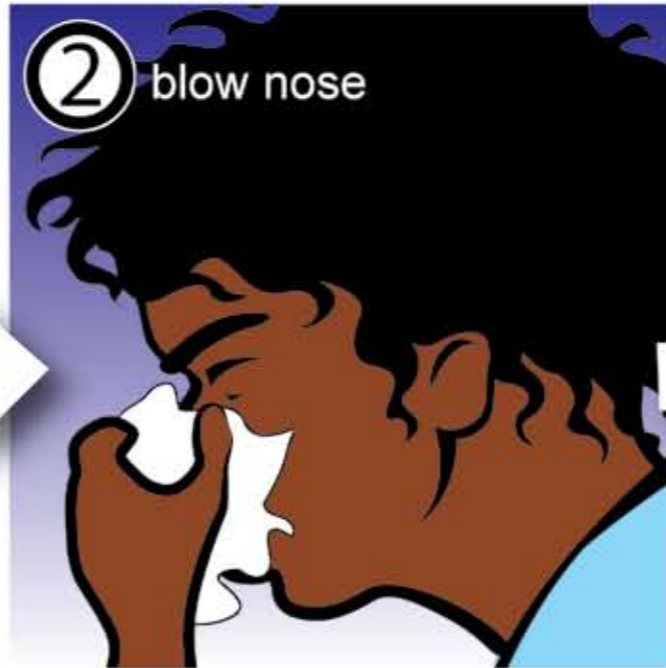


# Clean Nose - Nose Blowing

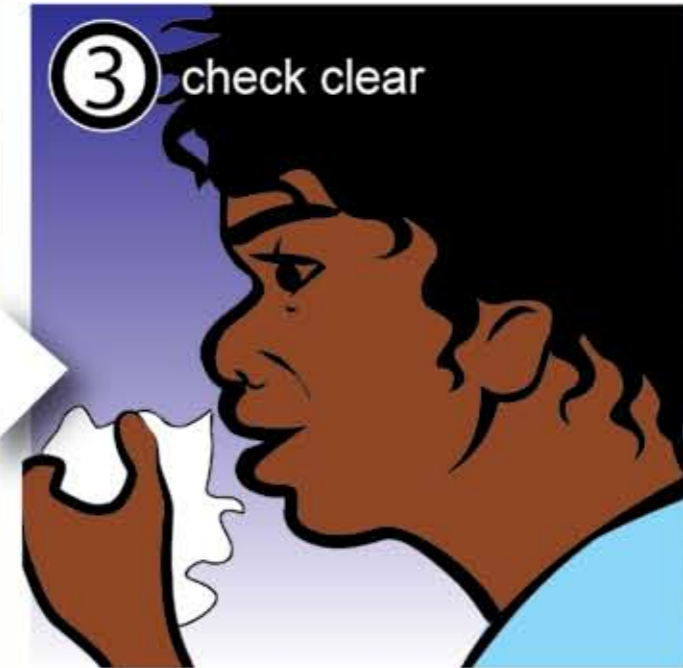
① get tissue



② blow nose



③ check clear



④ put tissue in the bin



⑤ wash hands



⑥ wash face



# Healthy Community



# Loudmusic damages hearing

