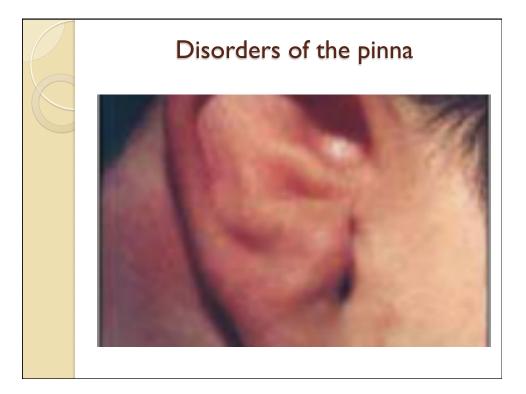
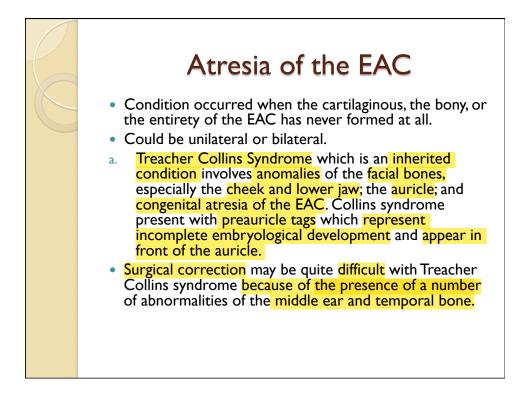


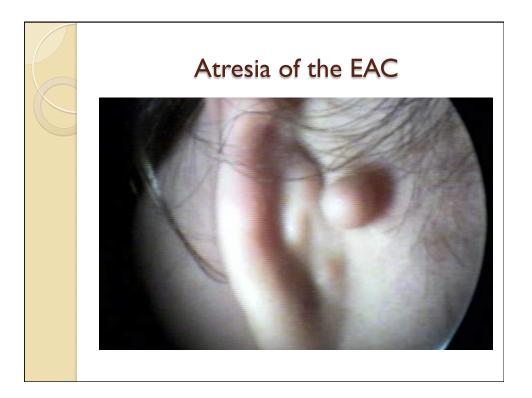
Disorders of the Outer Ear and their Treatments

- Disorders of the pinna
- 1. Usually part of genetic syndromes.
- 2. They do not reveal any effects on hearing sensitivity, word recognition, and localization.
- 3. Indicate maldevelopment or absent development and mirrors middle and external auditory canal development.
- 4. Patterns:
- a. Complete/partial absence of auricle
- b. Abnormal position/shape of auricle
- c. Preauricular sinus/cyst
- d. Associate with EAC abnormalities
- 4. Treated by reconstruction or prosthesis

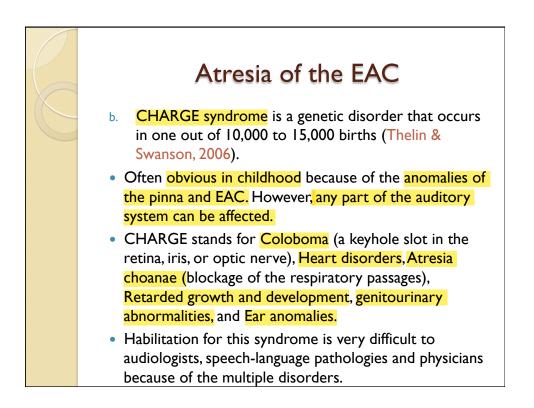


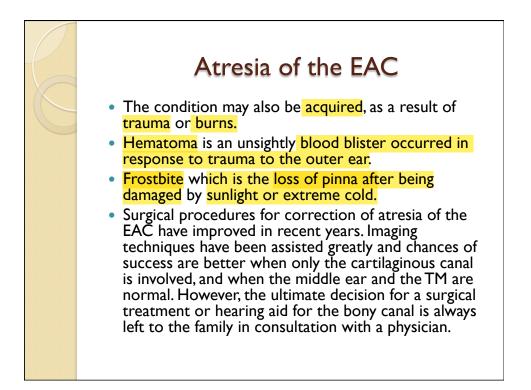
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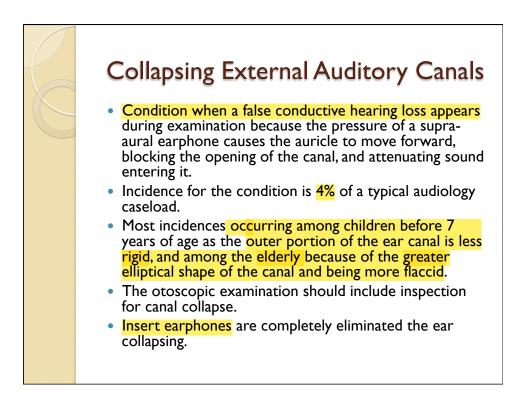








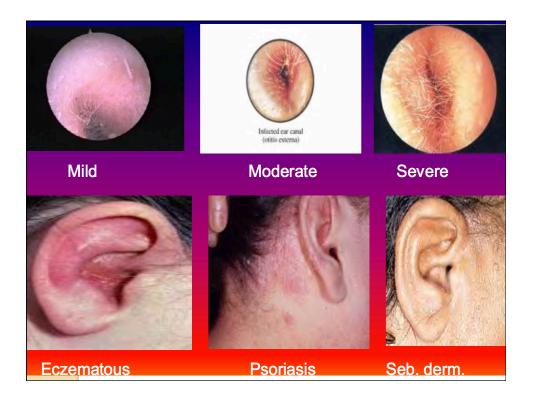






External Otitis

- An infection that occurs in the skin of the external auditory canal.
- Also referred to as "swimmer's ear".
- More common condition in tropical areas.
- Bacterial infections are more common cause.
- Otomycosis (fungal external-ear infection) is rare.
- May originates from allergic reactions to earplugs, hearing-aid earmolds, soap, or other allergens.
- Furunculosis: infection of hair follicles.
- Predisposed by scratching
- May be due to impacted wax & increased ep. turnover •
- Starts with itching pain- crusting discharge CHL
- Often body temperature elevates. •
- Constitutional upsets
- May be accompanied with AOM or CSOM
- 3 clinical types mild (canal open); moderate (canal partly occluded, TM partly seen); severe (canal fully occluded)
- Treatment:
- Systematic antibiotics are frequently unsuccessful
- Irrigating the canal with warm saltwater-dry it-apply topical antibiotics and or topical steroids for the inflammation.

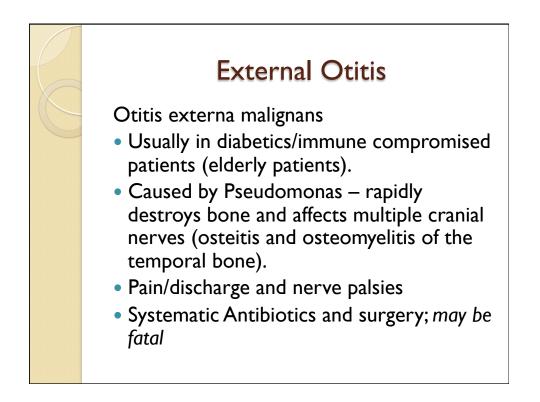




Myringitis

- Inflammatory condition of TM
- Blood blisters on the surface of the TM
- May be a part of otitis externa
- Topical treatment
- May hide otitis media







Growths in the External Auditory Canal Swellings • Osteomas • Usually single • Bony tumors, both benign and malignant • Usually in outer canal • May cause CHL if the size is big enough to occlude the canal • May interfere with skin migration • Exostosis • Common in swimmers, usually multiple • Usually in deep canal regions • May cause CHL • May interfere with skin migration • Both treated by excision if necessary

