



**RAMA
UNIVERSITY**

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FACULTY OF NURSING

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TERMINOLOGY

- **Otology:-** The study of disease of the ear.
- **Otalgia:-** Pain in the ear due to disease of jaw joint, neck, throat or teeth.
- **Tinnitus:-** The sensation of sound in the ear.
- **Vertigo:-** Swimming of the head .
- **Otorrhea:-** Any discharge from the ear.
- **Otorrhagia:-** Bleeding from the ear.

- **Otomycosis:-** A fungus infection of the ear causing irritation & inflammation.
- **Deafness:-** Loss of hearing.
- **Otoplasty :-**Surgical Repair & Reconstruction of the ear.
- **Otorhinolaryngology:-** Study of ear, nose & throat disease.
- **Audiometry:-** An apparatus for measuring hearing.

- **Tympanoplasty:-** It is repairment of tympanic membrane.
- **Myringotomy:-** Incision in tympanic membrane.
The fluid is section out of middle ear,cavity.
- **Osteitis:-** Inflammation in bone.
- **Mastoiditis:-** Inflammation of the mastoid antrum and cell.

ACUTE OTITIS MEDIA

DEFINITION

“It is an inflammation of middle ear that most often occur in infant & young children but can occur at any age”

INCIDANCE

Most common in children under 15 yr of age.

CLASSIFICATION

1. Acute Otitis media
2. Chronic Otitis media

Other-

- Serous Otitis media
- Secretory Otitis media
- Suppurative Otitis media

CAUSAES

- Bacteria eg. Streptococcus pneumoniae, H. Influenza
- Upper respiratory tract infection
- Infection nasopharynx

CLINICAL MANIFESTATION

- Otorrhea
- Otalgia
- Fever
- Rhinitis
- Tympanic membrane erythema, may be perforated
- Hearing loss
- Irritability

DIAGNOTIC EVALUATION

- History
- Physical examination
- Otoscopic examination
- Culture
- Audiometry & Tympanometry

MANAGEMENT

Medical Management-

- Antibiotic
- Analgesic
- Antihistamine

Surgical management-

- MYRINGOTOMY or **TYMPANOTOMY** (incision in the tympanic membrane)

COMPLICATION

- Chronic otitis media
- Hearing loss
- Perforation
- Poor speech develop

2. CHRONIC OTITIS MEDIA:-

Definition:-

“It is a long standing infection of a part of whole of the middle ear characterised by ear discharge & permanent perforation”

OR

“Inflammation of the middle ear that lasts for more than 6 weeks”



CHRONIC OTITIS MEDIA

DEFINITION

“It is a long standing infection of a part or whole of the middle ear characterized by ear discharge & permanent perforation”

OR

“Inflammation of the middle ear that lasts for more than 6 weeks”

INCIDANCE

- Common in the age 3-6

CAUSES

- Inappropriate treatment of acute otitis media.
- URTI, Allergic rhinitis.
- Breastfeeding and long time group child care
- Eustachian tube deformity
- Septal deviation, cleft palate, sinusitis

CLINICAL FEATURES

- Hearing loss
- Otorrhea
- Tinnitus

MANAGEMENT

Medical management-

- careful suctioning of the ear under microscopic guidance.
- Instillation of antibiotic drops

Surgical management-

- Tympanoplasty
- Ossiculoplasty (surgical reconstruction of the middle ear bones to restore hearing)
- Mastoidectomy

THANK YOU