

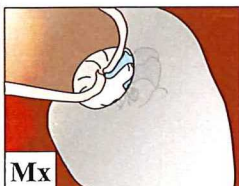
S Stage of surgery

- S1 Primary (first surgery)
- S_{2p} Planned (2nd look or staged procedure)
- S_{2r} Revision (unplanned)

A Approach

- A1 Endoscopic transcanal
- A2 Microscopic transcanal
- A3 Endaural
- A4 Retroauricular

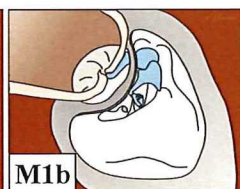
M Mastoidectomy



Mx no mastoidectomy

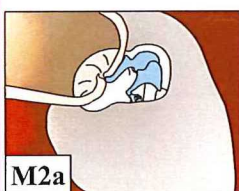


M1a

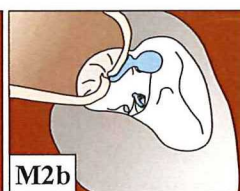


M1b

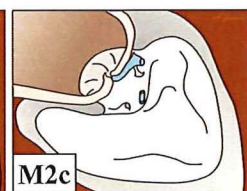
canal wall preserved + posterior tympanotomy



M2a

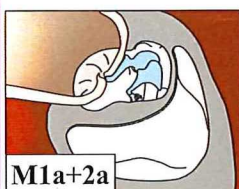


M2b



M2c

only scutum removed scutum + postero-superior wall removed whole canal wall removed



M1a+2a

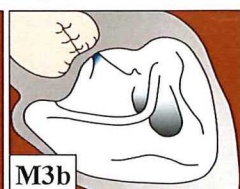


M1b+2a

combination of M_{1a} and M_{2a} combination of M_{1b} and M_{2a}



M3a



M3b

subtotal petrosectomy; otic capsule preserved subtotal petrosectomy; otic capsule removed

E External ear canal reconstruction

- Ex No external ear canal reconstruction
 - E1 Reconstruction with soft materials[†]
 - E2 Reconstruction with rigid materials[†]
- [†] space behind graft not obliterated

O Obliteration of mastoid cavity

- Ox No obliteration
- O1 Partial obliteration
- O2 Total obliteration

A Access to middle ear

- Ax No bone removal from the external ear canal wall (flattening of suture line alone is still considered as Ax)
- A1 Widening of the posterior portion of tympanic sulcus (including canal curettage or drilling to visualise the ossicular chain or hypotympanum)
- A2 Partial or circumferential widening of the bony canal (canalplasty)
- A3 Total canalplasty with soft tissue grafting of exposed bone

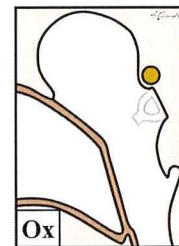
T Tympanic membrane

- Tx No tympanic membrane grafting performed
- Tn Original tympanic membrane preserved
- T1 Supplement to intact tympanic membrane (reinforcement)
- T2 Partial tympanic membrane grafting
- T3 Subtotal / total tympanic membrane grafting

O Ossicular chain



On intact chain preservation



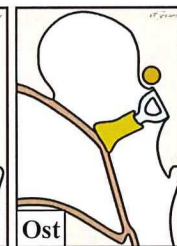
Ox no reconstruction done



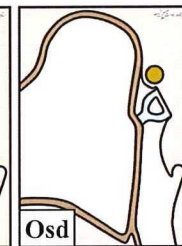
Osi incus to stapes



Osm malleus to stapes



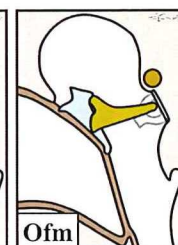
Ost TM to stapes



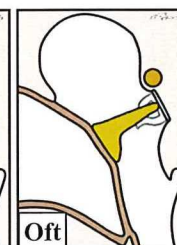
Osd TM directly on stapes



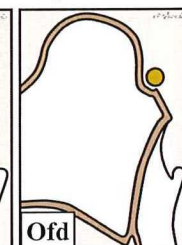
Ofi incus to footplate



Ofm malleus to footplate



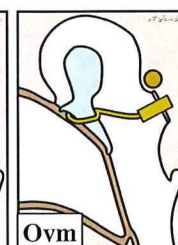
OfT TM to footplate



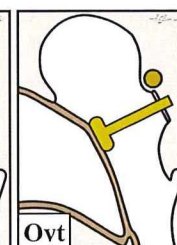
Ofd TM directly on footplate



Ovi incus to vestibule



Ovm malleus to vestibule



Ovt TM to vestibule