

Surgery: o The procedure was performed under general anesthesia. All patients had done surgical exploration and intraoperative signs were recorded. o Tegmen plate (eroded or not) o Sinus plate (eroded or not, position (normal position or anteriorly displaced)) o Ossicular chain (eroded or not) o The facial canal (eroded or not, position (normal position or displaced)) o LSCC (eroded or not) o Involvement of the facial recess and sinus tympani (ST) o Eustachian tube (ET) involvement High resolution computed tomography (HRCT) scan of the temporal bone was performed with 1 mm sections in both axial and coronal planes and findings were recorded and tabulated. o Variable techniques of mastoidectomy were performed according to the pathology seen during ear exploration o The following parameters were compared between CT & intra-operative findings: o Soft tissue lesions including (middle ear, attic & mastoid) o Mastoid involvement (well pneumatized (cellular), partially pneumatized (diploic), not pneumatized (sclerotic)) o Scutum (eroded or not).