

**TITLE: Otologic Surgeries in National Ear Care Centre,
Kaduna, Nigeria: A 5 years review**

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ABSTRACT

Ear surgeries are challenging to most otolaryngologists practicing in Nigeria. The aim was to present a 5 years review of indications, types, complications, success, and limitations of the ear surgeries at the study center.

Materials and Methods: A 5 years retrospective review of all the Otologic surgeries are done under general and local anesthesia from July, 2009 to July, 2014.

Results: There were 68 ear surgeries done within the period under review, with Prevalence of 6.37%. Male: female 1:1.7. Age ranged from 1 to 58 years, mean age 21 ± 6 years. Chronic suppurative otitis media was the most common diagnosis 39 (57.4%) and 31(46.6%) had indication for tympanoplasty. Meatocanaloplasty was the least with 2 (2.9%), mastoidectomy 7 (10.3%), myringotomy and grommet insertion 11 (16.2%), excisional biopsy 7 (10.3%), foreign body removal 4 (5.90%), tympanomastoidectomy 3 (4.40%), and pinnaplasty 3 (4.40%). Forty-one (60.3%) had resolution of symptoms while 8 (11.8%) had persistence of symptoms. One (1.5%) had revision surgery. The success rate is about 60.3% within the period under review. Postoperative complications (facial nerve paralysis, persistence discharge from the mastoid cavity, worsened deafness, postauricular fistula) were seen in 14 (20.6%). While 4 (5.9%) were lost to follow-up.

Conclusion: Ear surgeries are still underdeveloped when compared to nose and throat surgeries in our center. Provision of adequate training facilities, especially in the field of otology and review of the training curriculum for Otorhinolaryngology residency in Nigeria is indispensable.

Keywords: Indications, Kaduna, Otologic surgeries, Outcome

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BIOGRSPHY

Umar Grema Sambo has completed his fellowship in ENT Surgery with the West African College of Surgeons at the age of 39 years. He was the head of Training and Research, Head of Department Clinical Services and once Acting Medical Director National Ear Care Centre Kaduna, Nigeria.