

IOMG



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Focus Area: AMG

Auditory and vestibular management in patients treated with aminoglycoside antibiotics

Subgroup

Cystic fibrosis (CF)

Patients with cystic fibrosis (CF) who are treated with aminoglycosides are more likely to develop hearing loss, tinnitus and/or balance problems than those who do not receive aminoglycoside treatment.

Should CF patients be monitored for hearing loss, tinnitus and/or balance problems?

Leads

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Reference:

Garinis AC, Cross CP, Srikanth P, Carroll K, Feeney MP, Keefe DH, Hunter LL, Putterman DB, Cohen DM, Gold JA, Steyger PS. (2017). The cumulative effects of intravenous antibiotic treatments on hearing in patients with cystic fibrosis. *J Cyst Fibros*, 16(3):401-409. doi: 10.1016/j.jcf.2017.01.006

IOMG Deliverables:

- ✓ *Collate/review existing recommendations*
 - ✓ *Work with patients and providers to develop recommendations for applying audiology practice guidelines for ototoxicity management in cystic fibrosis patients*
 - ✓ *Submit this consensus document for publication*
- Survey patients and providers regarding the acceptance and utility of recommendations*