

# Using data from over 72,000 individuals to model age-specific increase in service demand from the 2019 modification to NICE criteria for cochlear implantation.

Rob Low<sup>1</sup> and Mahmood Bhutta<sup>2</sup>

<sup>1</sup>Royal Sussex County Hospital

<sup>2</sup>Brighton and Sussex University Hospitals NHS Trust

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## Abstract

\* The UK National Institute for Health and Care Excellence has estimated a 70% increase in demand resulting from the 2019 modification to cochlear implant criteria \* We modelled the projected increase using our large database of pure tone audiometry results, and adjusted for frailty as a marker of risk of general anaesthesia \* Our results suggest an overall 79% increase in demand, with most of this for adult implantation, and in particular for those over the age of 65 \* Our findings are important for those planning delivery of cochlear implant services

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CI referrals increase after NICE 2019 criteria-Body Text.pdf available at <https://authorea.com/users/379440/articles/495643-using-data-from-over-72-000-individuals-to-model-age-specific-increase-in-service-demand-from-the-2019-modification-to-nice-criteria-for-cochlear-implantation>