PAEDIATRIC COCHLEAR IMPLANT SURGERY

R. L. WEBB, G. M. Clark, B. C. Pyman
Royal Victorian Eye & Ear Hospital, Melbourne

The operation in children is similar to that in adults, but special care needs to be taken with the skin flap, the anchoring of the electrode array and the sealing of the cochleostomy. Research into the effects of head growth and otitis media in an implanted ear indicates that these should not be a problem. Surgical complications are also similar to those in adults, with the most common being related to the skin flap. The major complication rate at 4% is slightly less than that in adults and most of these get effective implant function.

INVESTIGATION OF CURVED INTRACOCHLEAR ELECTRODE ARRAYS

S.A. Xu, J. Xu, H.L. Seldon, R.K. Shepherd, G. M. Clark
The University of Melbourne, Department of Otolaryngology, Melbourne
Author/s:
Webb, R. L.; Clark, Graeme M.; Pyman, B. C.

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