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Management of non vascular lesions of the jugular foramen

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Tumors other than paragangliomas in the jugular foramen are uncommon. Of these, schwannomas and meningiomas predominate. Little clinical data are available in the literature on these tumors at this site. The purpose of this article is to review our experience at the Gruppo Otologico of the management of these tumors. A retrospective series is presented of 32 consecutive patients affected by jugular foramen schwannomas and meningiomas in which their clinical and radiological signs, together with surgical techniques and outcomes, were reviewed. A single-stage resection was possible for the majority of patients when the petro-occipital trans-sigmoid (POTS) approach was used. This allowed resection of both intra- and extradural components of the tumor with hearing preservation and avoidance of facial nerve transposition. No deaths occurred. Lower cranial nerve palsies constituted the major cause of morbidity, but none of the patients required an adjunctive procedure such as vocal cord medialization, tracheostomy, or percutaneous gastrostomy.

Biography

Enrico Piccirillo has done Bachelor of Medicine and Surgery at University of "La Sapienza" of Roma on 31.10.1990 (110/110 cum laude). Specialization in ENT and Facial Cervical Diseases University "La Sapienza di Roma" Attended four years course on "Facial Cervical Tumors" (1993-1996) - Istituto dei Tumori di Milano. From 1998 till now, member of the Gruppo Otologico Piacenza and Roma (Italy) Large experience in Middle Ear Surgery, Skull Base Surgery and Nose and Paranasal Sinuses with Endoscopic Approaches. Italian Licence of Professorship in Otorhinolaryngology (MIUR- 2015).

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