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DESCRIPTION

Brazilian Journal of Otorhinolaryngology publishes original contributions in otolaryngology and the associated areas (cranio-maxillo-facial surgery and phoniatics). The aim of this journal is the national and international divulgation of the scientific production interesting to the otolaryngology, as well as the discussion, in editorials, of subjects of scientific, academic and professional relevance.

The *Brazilian Journal of Otorhinolaryngology* is born from the *Revista Brasileira de Otorrinolaringologia*, of which it is the English version, created and indexed by MEDLINE in 2005. It is the official scientific publication of the Brazilian Association of Otolaryngology and Cervicofacial Surgery. Its abbreviated title is Braz J Otorhinolaryngol., which should be used in bibliographies, footnotes and bibliographical references and strips.

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GUIDE FOR AUTHORS

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The Brazilian Journal of Otorhinolaryngology publishes Original Investigations, Reviews, Letters to the Editor and Case Reports. Topics of interest include all subjects that relate to the practice of medicine and the betterment of public health worldwide.

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Original articles are concise (1) reports of clinical data, (2) reports of basic science data, or (3) meta-analyses studies, that represent advanced information, and for so, submission is encouraged by the Brazilian Journal of Otorhinolaryngology editorial staff. These reports typically include randomized trials, intervention studies, cohort studies, case-control studies, epidemiologic assessments, other observational studies, surveys with high response rates, cost-effectiveness analyses and decision analyses, and studies of screening and diagnostic tests. Each manuscript should clearly state an objective or hypothesis; the design and methods (including the study setting and dates, patients or participants with inclusion and exclusion criteria and/or participation or response rates, or data sources, and how these were selected for the study); the essential features of any interventions; the main outcome measures; the main results of the study; a discussion section placing the results in context with the published literature and addressing study limitations; and the conclusions and relevant implications for clinical practice or health policy. Data included in research reports must be original and should be as timely and current as possible. A structured abstract is required. Number the pages of the manuscript consecutively, beginning with the Title Page as page 1. For Full-Length Articles (original), the text should, in general, not exceed 8-10 single-spaced typewritten pages. Please use a spell-checker in addition to careful editing of the manuscript before submission. Authors should not add line numbering as this is automatically added by Elsevier Editorial System.

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Entire book

Webster NR, Galley HF. *Anaesthesia Science*. Oxford, UK: Blackwell Publishing, Ltd.; 2006.

Database

CANCERNET-PDQ [database online]. Bethesda, MD: National Cancer Institute; 1996. Updated March 29, 1996.

Software

Epi Info [computer program]. Version 6. Atlanta, GA: Centers for Disease Control and Prevention; 1994.

Web sites

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