Editorial

IAO Systematic Review Award 2023

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The IAO Systematic Review Award is awarded every year to the best articles in systematic review, including meta-analyses, published in the International Archives of Otorhinolaryngology that seek to highlight articles that form the foundations and concepts of universal knowledge.[1] In 2023, it was awarded to the three best systematic and/or literature reviews that were published in the journal in the year 2022 (►Table 1).[2–4] This award was established to encourage the submission of high-quality systematic review articles.

A systematic review is a method of evidence synthesis that critically assesses and interprets all relevant research available regarding a particular issue, area of knowledge, or phenomenon of interest. Statistical methods (meta-analysis)

Table 1 Description of the best studies IAO Systematic Review Award 2023

Place	Author, year	Title	Country	Objective	Issue	DOI
1st	Ferrazoli et al,[2] 2022	The Application of P300-Long-Latency Auditory-Evoked Potential in Parkinson Disease	Brazil, and Poland	To review the literature on the application and findings of P300 as an indicator of Parkinson disease.	2022;26(1): e158-e166.	10.1055/ s-0040-1722250
2nd	Fernandes et al,[3] 2022	The Ototoxicity of Chloroquine and Hydroxychloroquine: A Systematic Review	Brazil	The objective of the present study was to assess existing scientific evidence about the toxic effects of chloroquine and hydroxychloroquine on the peripheral and/or central auditory system.	2022;26(1): e167-e177	10.1055/ s-0041-1740986
3rd	Papadopoulou et al.,[4] 2022	Anatomical Variations of the Sinonasal Area and Their Clinical Impact on Sinus Pathology: A Systematic Review	Greece	The aim of the present review is to summarize the understanding of the association between anatomical variations of the sinonasal area and sinus pathology.	2022;26(3): e491-e498.	10.1055/ s-0042-1742327

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are usually included in the analysis and synthesis of results, allowing the increase of the sample size and accuracy of the assessed outcomes.[5] Systematic reviews and meta-analyses are at the top of the pyramid of evidence. They provide the highest level of evidence to verify the effectiveness of interventions, help health professionals to stay up to date with the latest developments, provide evidence for decision making, enable evaluation of the risks and benefits of interventions, provide inputs for assistance guidelines development, and provide information on prior studies for potential funding sources for new research.[1] We suggest the use of guidelines for elaboration and conduction of systematic reviews using well-defined and explicit methods aimed at minimizing biases.[5,6]

The competing works must be published in editions 1 to 4 in the year before the award. The rules for manuscript submission are available at http://www.thieme.com/iao. The judging commission, comprising of members of the editorial board, will be coordinated by the chief editor of this journal. Articles will be judged based on scientific merit, including originality, consistency, significance, and impact. The winning authors and co-authors will receive certificates for their work. The best systematic reviews will be announced in the last edition of each volume of the following publication year, thus providing enough time to accumulate citations needed for analyses.

With this effort, we wish to honor and show our appreciation to the deserving authors and encourage new talents in international otorhinolaryngological research with a commitment to stimulate education and technological development through research and training.

We are pleased to announce the studies IAO Systematic Review Award 2023, as shown in ►Table 1.

These exceptional articles are extremely valuable contributions to IAO. On behalf of the Editorial Board, we would like to congratulate all the authors for their excellent work.

We reiterate that all articles in IAO are published open access and do not incur article processing charges.

Conflict of Interests
The authors have none to declare.

References

1 Jotz GP, Bittencourt AG, Montefusco AM. IAO Systematic Review Award 2022 and Best Original Articles. Int Arch Otorhinolaryngol 2022;26(04):e513–e516. Doi: 10.1055/s-0042-1758230

2 Ferrazoli N, Donadon C, Rezende A, Skarzynski PH, Sanfins MD. The Application of P300-Long-Latency Auditory-Evoked Potential in Parkinson Disease. Int Arch Otorhinolaryngol 2021;26(01):e158–e166. Doi: 10.1055/s-0040-1722250

3 Fernandes CP, Vernier LS, Dallegrave E, Machado MS. The Ototoxicity of Chloroquine and Hydroxychloroquine: A Systematic Review. Int Arch Otorhinolaryngol 2022;26(01):e167–e177. Doi: 10.1055/s-0041-1740986

4 Papadopoulou AM, Bakogiannis N, Skrapari I, Bakoyiannis C. Anatomical Variations of the Sinonasal Area and Their Clinical Impact on Sinus Pathology: A Systematic Review. Int Arch Otorhinolaryngol 2022;26(03):e491–e498. Doi: 10.1055/s-0042-1742327

5 Ministério da Saúde (BR). Diretrizes Metodológicas: Elaboração de Revisão Sistemática e Metanálise de Ensaios Clínicos Randomizados [Methodological guideline: development of systematic review and meta-analysis of randomized clinical trials] [Internet]. Brasilia – DF: Ministério da Saúde; 2015 [cited 2020 Sep 22]. 92 p. Available from: http://bvsms.saude.gov.br/bvs/publicacoes/diretrizes_ metodologicas_ensaio_clinico_randomizado_1edicao.pdf

6 Higgins JPT, Thomas J, Chandler J et al , Eds. Cochrane Handbook for Systematic Reviews of Interventions version 6.1 (updated September 2020) [Internet]. Cochrane; 2020 [cited 2020 Sep 22]. Available from www.training.cochrane.org/handbook