

# Publication rate of abstracts presented in EADPH congresses between 2013 and 2019

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## Background and aim

The presentation of congress abstracts is important because abstracts provide information on research trends and priorities. The publication of research results in a scientific journal after the meeting will increase the dissemination of new knowledge to a wider audience. The aim of this study was to investigate the publication rates of the abstracts presented at EADPH congresses between 2013-2019 and determine the factors associated with publication rates.

## Results

260 out of 651 presented abstracts were published with a publication rate 39.9%. The lowest publication rate was in 2013; 29.3% and highest publication rate was in 2018; 47.2%. Nevertheless, there was not statistically significant differences between years ( $p=0.086$ ). The most published journals were *Acta Odontologica Scandinavica* ( $n=19$ ), *BMC Oral Health* ( $n=18$ ) and *Community Dental Health* ( $n=13$ ). The mean duration of time to publication was 1.9 years. Background factors had no predictive value for the publication rate of abstract types.

## Methods

The abstracts presented at 7 EADPH congresses held between 2013-2019 were evaluated for study design, number of authors, if artificial intelligence (AI) predictive methods were used, if p-values or confidence intervals were presented and the country of the corresponding author's institution. When the abstract was confirmed as subsequently published, time to publication, the journal in which the abstract was published and changes in number of authors after publication were determined. Data were statistically analyzed by chi-square tests.

Table 1: Most published journals

Acta Odontologica Scandinavica	19
BMC Oral Health	18
Community Dental Health	13
Clinical Oral Investigations	11
British Dental Journal	7
Oral Health & Preventive Dentistry	7
Community Dentistry and Oral Epidemiology	6
European Archives of Paediatric Dentistry	6
Caries Research	5
International Journal of Dental Hygiene	5
International Journal of Environmental Research and Public Health	5

## Conclusions

Only 40% of the abstracts were published. The visibility of the studies presented in the congresses and their dissemination to the scientific community should be improved.

## Keywords

Bibliometrics, Abstracts, Publication rate

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Figure1. Publication rates in congresses.

