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Short Communication

The dental specialties related articles published in Medical Journal Armed Forces India from 2000 to 2014 over a 15-year period



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ARTICLE INFO

Article history:

Received 13 January 2015

Accepted 17 April 2015

Available online 29 June 2015

Keywords:

Dental specialties

Medical Journal Armed Forces India (MJAFI)

Bibliometric analysis

Relationship

ABSTRACT

There is a paucity of information about the dental specialties related articles published in the Medical Journal Armed Forces India (MJAFI). This study aimed to audit the dental specialties related articles published in MJAFI from 2000 to 2014 over a 15-year period. Bibliometric analysis of sixty issues of MJAFI from 2000 to 2014 were performed using web-based search. The articles published were analyzed for type of article and topic of individual dental specialties. The articles published were also evaluated to identify whether the study was an Armed Forces Medical Research Committee Project or funded research project or not. Out of the total 118 published articles related to dental specialties, original articles (55) and case reports (49) contribute the major share. The highest number of dental specialties related articles was published in 2009 with 16, followed by 2010 with 13 and 2011 with 11 and the least published year was 2013 with 3 articles. Regarding the relationship with dental specialties, the maximum number of published articles were related to oral medicine and radiology (56) followed by oral and maxillofacial surgery (49), orthodontics (23) and prosthodontics (17). Among the articles published in MJAFI, maxillofacial injuries (11) followed by orthodontic treatment (8) and craniofacial deformities (8) form the major attraction of the contributors. Among the 118 dental speciality articles, there were only 4 Armed Forces Medical Research Committee Project articles and 19 funded research project articles. An equal distribution of articles related to clinical dentistry and nonclinical dentistry is maintained for the MJAFI from 2000 to 2014 over a 15-year period.

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Introduction

Bibliometrics was first defined by Pritchard (1996) as “the application of mathematical and statistical methods to books

and other media”.¹ Bibliometrics can be used as a tool to evaluate the direction of research activities of the scholars in publications.² It also helps to assess the publication trends of journals regarding quantum volume of research output, patterns of research collaboration by authorship, citations/regional and subjects distributions.³

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<http://dx.doi.org/10.1016/j.mjafi.2015.04.009>

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Table 1 – The dental specialties related articles published in MJAFI from 2000 to 2014 over a 15-year period.

Sl. No	The dental specialties related articles published in Medical Journal Armed Forces India from 2000 to 2014	Dental specialties–topic–type of article – source of funding
1	MJAFI Vol 56:1 January 2000	
1	Ravi Kumar A, Gill HS, Bhatoe HS, Singh P, Batish VK. Improved preservation of facial nerve in transtemporal approaches to the skull base. Med J Armed Forces India. 2000 Jan; 56(1):13–16.	Oral and maxillofacial surgery – reconstructive surgery – original article – Armed Forces Medical Research Committee Project (No. 20207/95)
2	Chakraborty SK. Fissured and burning tongue. Med J Armed Forces India. 2000 Jan; 56(1):89.	Oral medicine and radiology – diseases of tongue – letters to the Editor – no source of funding
2	MJAFI Vol 56:3 July 2000	
1	Mehta AK, Ravikumar R, Anomalous elongation of styloid process. Med J Armed Forces India. 2001 Jul; 56(3): 248–249.	Oral medicine and radiology – Eagle syndrome – case report – no source of funding
3	MJAFI Vol 56:4 October 2000	
1	Chatterjee T, Panda PK. A pathological study of benign and malignant tumours of salivary Glands. Med J Armed Forces India. 2001 Oct; 56(4): 282–286.	Oral pathology and microbiology – salivary gland tumours – original article – no source of funding
4	MJAFI Vol 57:1 January 2001	
1	Anand AC, Pardal PK, Sachdev VP. Dental caries and periodontal disorders in chronic liver disease. Med J Armed Forces India. 2001 Jan; 57(1):26–30.	Community dentistry, periodontics – dental knowledge – original article – no source of funding
2	Virmani BK, Singh RP. A case of facial diplegia. Med J Armed Forces India. 2001 Jan; 57(1):72–73.	Oral medicine and radiology – diseases of nerve – case report – no source of funding
3	Harjai M, Puri B, Dubey AK, Nagpal BM, Singh Y. Craniosynostosis: management in infancy. Med J Armed Forces India. 2001 Jan; 57(1):75–77.	Oral and maxillofacial surgery – craniofacial deformities – original article – no source of funding
5	MJAFI Vol 57:2 April 2001	
1	Nambiar BC, Prabhakar T, Manrai KP, Rawat GS. Macroglossia: a rare clinical entity. Med J Armed Forces India. 2001 Apr; 57(2):169–171.	Oral medicine and radiology, oral and maxillofacial surgery – diseases of tongue – case report – no source of funding
6	MJAFI Vol 57:3 July 2001	
1	Behl A, Raghavan D, Pandey SS, Mani H. Giant epidermoid cyst of the floor of mouth. Med J Armed Forces India. 2001 Jul; 57(3):247–249.	Oral medicine and radiology, oral and maxillofacial surgery – cysts of oral cavity – case report – no source of funding
2	Singh H, Arora S, Chikara D. Temporal bone fracture with facial nerve palsy. Med J Armed Forces India. 2001 Jul; 57(3):258–259.	Oral and maxillofacial surgery – maxillofacial injuries – case report – no source of funding
7	MJAFI Vol 57:4 October 2001	
1	Sapru BL. "Distraction osteogenesis" an emerging concept in the correction of craniofacial deformities. Med J Armed Forces India. 2001 Oct; 57(4):273–274.	Oral and maxillofacial surgery – craniofacial deformities – editorial – no source of funding
2	Chowdhury SKR, Sapru BL, Awasthi PN. Clinico – radiographic evaluation of xenografts in maxillofacial surgery. Med J Armed Forces India. 2001 Oct; 57(4):281–284.	Oral medicine and radiology, oral and maxillofacial surgery – craniofacial deformities – original article – no source of funding
3	Sapru BL, Dasgupta D, Rajaram T. Odontoameloblastoma: A rare odontogenic tumour. Med J Armed Forces India. 2001 Oct; 57(4):333–334.	Oral and maxillofacial surgery, oral pathology and microbiology – odontogenic tumors – case report – no source of funding
4	Sharma HS, Chopra SS. Bonded rapid palatal expansion – An important adjuvant in multiphasic orthodontic therapy. Med J Armed Forces India. 2001 Oct; 57(4):339–341.	Oral medicine and radiology, orthodontics – orthodontic treatment – case report – no source of funding
8	MJAFI Vol 58:1 January 2002	
1	Sharma HS. Orthodontic anchorage enhancement with lingual arch. Med J Armed Forces India. 2002 Jan; 58(1):70–71.	Orthodontics – anchorage – methods in medicine – no source of funding

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