

Bibliometric analysis of oral and maxillofacial cytology-related articles published in a cytology journal from India

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Abstract

Background: There is a paucity of information about the oral and maxillofacial cytology-related articles published in a cytology journal. Journal of Cytology (JOC) is the official publication of Indian Academy of Cytologists.

Objective: This study aimed to audit the oral and maxillofacial cytology-related articles published in JOC from 2007 to 2015 over a 9-year period.

Materials and Methods: Bibliometric analysis of issues of JOC from 2007 to 2015 was performed using web-based search. The articles published were analyzed for type of article and individual topic of oral and maxillofacial cytology. The articles published were also checked for authorship trends.

Results: Of the total 93 published articles related to oral and maxillofacial cytology, original articles (43) and case reports (33) contribute the major share. The highest number of oral and maxillofacial cytology-related articles was published in 2014 with 17 articles and the least published year was 2010 with three articles. Among the oral and maxillofacial cytology-related articles published in JOC, diseases of salivary gland (26) followed by oral exfoliated cells (17), soft tissue tumors (7), round cell tumors (6) and spindle cell neoplasms (5) form the major attraction of the contributors. The largest numbers of published articles related to oral and maxillofacial cytology were received from Postgraduate Institute of Medical Education and Research, Chandigarh (5), and Jawaharlal Nehru Medical College, Aligarh (5).

Conclusion: This paper may be considered as a baseline study for the bibliometric information regarding oral and maxillofacial cytology-related articles published in India.

Keywords: Bibliometric analysis cytology journal, India, Journal of Cytology, maxillofacial cytology, oral

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INTRODUCTION

Oral and maxillofacial cytology is employed to rule out diseases affecting the oral and maxillofacial regions. The bibliometric information about oral and maxillofacial

cytology-related articles is less compared to oral and maxillofacial pathology-related articles in scientific journals.^[1-4] There is a paucity of information about the oral and maxillofacial cytology-related articles published in a cytology journal.

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Journal of Cytology (JOC) is the official publication of Indian Academy of Cytologists, and it was selected to study the bibliometric analysis of oral and maxillofacial cytology-related articles from 2007 to 2015 over a 9-year period because the full text of the articles is freely available from 2007 to 2015. This study aimed to audit the oral and maxillofacial cytology-related articles published in JOC from 2007 to 2015 over a 9-year period.

MATERIALS AND METHODS

A total of 36 issues of JOC from 2007 to 2015 were analyzed. This was available on the following journal website: <http://www.jcytol.org/backissues.asp> (last accessed September 15, 2016).

A retrospective bibliometric analysis was conducted for JOC from 2007 to 2015. The articles published were analyzed for type of article (review article, symposium, original article, case report, images in cytopathology, commentary and letter to editor) and individual topic of oral and maxillofacial cytology. The articles in press (articles that are not yet assigned to an issue) in JOC were excluded from the study. The following criterion was used for the study. The topic or content of the article should be the only criterion for allotment of subject heading as the author may be from any specialty (dental or medical) and may be publishing on a very different topic. The articles were also checked for authorship trends according to the institution of the first author. The data were analyzed using descriptive statistics.

RESULTS

The oral and maxillofacial cytology-related articles published in JOC from 2007 to 2015 are summarized in Table 1.

DISCUSSION

This bibliometric study is carried out in an exclusive pioneer cytology journal from India. From this study about oral and maxillofacial cytology-related articles, it was interpreted that original articles (43) take a major share of published articles and case reports (33) form the second major share. Letters to the editor (8), symposium (6), review articles (1), commentary (1) and images in cytopathology (1) form the remaining share of the oral and maxillofacial cytology-related articles published in JOC.

Among the oral and maxillofacial cytology-related articles published in JOC, diseases of salivary gland (26) followed

by oral exfoliated cells (17), soft tissue tumors (7), round cell tumors (6), spindle cell neoplasms (5), Langerhans cell histiocytosis (5) and cytological smear (4) form the major attraction of the contributors.

The highest number of oral and maxillofacial cytology-related articles was published in 2014 with 17 followed by 2008 with 16 and 2013 with 14 and the least published year was 2010 with three articles.

Majority of the published articles related to oral and maxillofacial cytology were authored by 4 authors (26) followed by 3 authors (23), 5 authors (17), 2 authors (10), 6 authors (9), single author (7) and 7 authors (1).

The largest numbers of published articles related to oral and maxillofacial cytology were received from Postgraduate Institute of Medical Education and Research, Chandigarh (5), and Jawaharlal Nehru Medical College, Aligarh (5), followed by Ganesh Shankar Vidarthi Memorial Medical College, Kanpur (4), Government medical College, Nagpur (3), Lady Hardinge Medical College, New Delhi (3), Medical College, Kolkata (3), North Bengal Medical College, Darjeeling (3), and Pandit Bhagwat Dayal Sharma Post Graduate Institute of Medical Sciences, Rohtak (3). There were only nine contributions from outside India, i.e., from Azerbaijan (1), Brazil (1), Korea (1), Kuwait (1), Malaysia (1), Saudi Arabia (1), Turkey (1) and the United States of America (2).

The main limitation of this study is that the data are taken from only one journal to study the oral and maxillofacial cytology-related articles published in a cytology journal. The another limitation of this study is that the data pertaining to oral and maxillofacial cytology articles in JOC may not reflect the overall oral and maxillofacial cytology research output from India.

CONCLUSION

The selection of the oral and maxillofacial cytology-related articles from JOC is based on the content of the article irrespective of the specialty (either medical or dental). This paper may be considered as a baseline study for the bibliometric information regarding oral and maxillofacial cytology-related articles published in India.

Financial support and sponsorship

Nil.

Conflicts of interest

There are no conflicts of interest.

Table 1: The oral and maxillofacial cytology-related articles published in Journal of cytology from 2007 to 2015 over a period

Serial number	The oral and maxillofacial cytology-related articles	Topic - Type of article - Institution of the first author -Number of authors
1	JOC Vol 24:1 2007	
1	Roy S, Manna AK, Pathak S, Guha D. Evaluation of fine needle aspiration cytology and its correlation with histopathological findings in soft tissue tumours. J Cytol 2007;24:37-40.	Soft tissue tumors - original article - Bankura Sammilani Medical College and Hospital, Bankura, India - four
2	JOC Vol 24:2 2007	
1	Kotwal M, Gaikwad S, Patil R, Munshi M, Bobhate S. FNAC of salivary gland - A useful tool in preoperative diagnosis or a cytopathologist's riddle? J Cytol 2007;24:85-8.	Diseases of salivary gland - case report - Government Medical College, Nagpur, India - five
3	JOC Vol 24:4 2007	
1	Mukhopadhyay S, Mitra PK, Ghosh S. Touton like giant cell in lymph node in a case of Langerhans cell histiocytosis. J Cytol 2007;24:191-2.	Langerhans cell histiocytosis - case report - Midnapore Medical College, West Bengal, India - three
2	Srivastava S, Jaiswal R, Agarwal A, Singh PK, Singh SN. Cytological diagnosis of adenoid cystic carcinoma of the parotid metastatic to kidney and lung. J Cytol 2007;24:201-2.	Diseases of salivary gland - case report - Ganesh Shankar Vidyarthi Memorial Medical College, Kanpur, India - five
4	JOC Vol 25:1 2008	
1	Rashmi Kumari TR, Rajalakshmi T. Fine needle aspiration cytology in the diagnosis of Hodgkin lymphoma: Hits and misses. J Cytol 2008;25:10-2.	Lymphomas - original article - St. John's Medical College, Bangalore, India - two
2	Sundaram S, Prathiba D, Rajendiran S, Rao S, Ganesh K. Squash preparation of a malignant triton tumor in a rare location. J Cytol 2008;25:28-32.	Spindle cell neoplasms - case report - Sri Ramachandra Medical College and Research Institute, Porur, India - five
5	JOC Vol 25:2 2008	
1	Maheshwari V, Alam K, Jain A, Aggarwal S, Chana RS. Diagnostic utility of fine needle aspiration cytology in pediatric tumors. J Cytol 2008;25:45-9.	Soft tissue tumors - original article - Jawaharlal Nehru Medical College, Aligarh, India - five
2	Walke VA, Munshi MM, Raut WK, Bobhate SK. Cytological diagnosis of acanthomatous ameloblastoma. J Cytol 2008;25:62-4.	Odontogenic tumors - case report - Government Medical College, Nagpur, India - four
3	Dhingra M, Pandey R, Pantola C, Singh PK, Agarwal A. Ewing's sarcoma of short bones and girdle: A short series of five cases. J Cytol 2008;25:70-2.	Round cell tumors - case report - Ganesh Shankar Vidyarthi Memorial Medical College, Kanpur, India - five
4	Singh G, Iyer VK. Amylase crystalloids in a cystic lesion of the parotid salivary gland diagnosed by fine needle aspiration cytology. J Cytol 2008;25:77-8.	Diseases of salivary gland - letter to the Editor - Air Force Central Medical Establishment, New Delhi, India - two
6	JOC Vol 25:3 2008	
1	Choudhuri MK. Cytology of soft tissue tumors: Cytological classification of soft tissue tumors. J Cytol 2008;25:79-80.	Soft tissue tumors - symposium - Bankura Sammilani Medical College and Hospital, Bankura, India - one
2	Iyer VK. Cytology of soft tissue tumors: Benign soft tissue tumors including reactive, nonneoplastic lesions. J Cytol 2008;25:81-6.	Soft tissue tumors - symposium - All India Institute of Medical Sciences, New Delhi, India - one
3	Prayaga A. Cytology of soft tissue tumors: Malignant spindle cell tumors. J Cytol 2008;25:87-8.	Spindle cell neoplasms - symposium - Nizam's Institute of Medical Sciences, Punjagutta, India - one
4	Rajwanshi A. Cytology of soft tissue tumors: Malignant small round cell tumors. J Cytol 2008;25:89-92.	Round cell tumors - symposium - Postgraduate Institute of Medical Education and Research, Chandigarh, India - one
5	Jain M, Malhan P. Cytology of soft tissue tumors: Pleomorphic sarcoma. J Cytol 2008;25:93-6	Pleomorphic cell tumors - symposium - Lady Hardinge Medical College, New Delhi, India - two
6	Gupta N. Cytology of soft tissue tumors: Miscellaneous soft tissue tumors. J Cytol 2008;25:97-9.	Soft tissue tumors - symposium - Postgraduate Institute of Medical Education and Research, Chandigarh, India - one
7	Venkatash K, Saini ML, Niveditha SR. Fine needle aspiration cytology of cervicofacial actinomycosis. J Cytol 2008;25:113-4.	Cervicofacial actinomycosis - case report - Kempegowda Institute of Medical Sciences, Bangalore, India - three
8	Rupani AB, Kavishwar VS, Achinmane V, Puranik GV. Fine needle aspiration cytology of low-grade mucoepidermoid carcinoma of the parotid gland: A diagnostic challenge. J Cytol 2008;25:115-6.	Diseases of salivary gland - case report - Topiwala National Medical College and BYL Nair Charitable Hospital, Mumbai, India - four
7	JOC Vol 25:4 2008	
1	Konar K, Ghosh S, Ghosh T, Bhattacharya S, Sanyal S. Pitfalls in the cytodiagnosis of metastatic squamous cell carcinoma in the head and neck: A retrospective study. J Cytol 2008;25:119-22.	Oral squamous cell carcinomas - original article - Burdwan Medical College, Burdwan, India - five
2	Pandey R, Singh PK, Khan L. Adenoid cystic carcinoma: A rare presentation as a nasal and hard palate mass. J Cytol 2008;25:159-60.	Diseases of salivary gland - letter to the Editor - Ganesh Shankar Vidyarthi Memorial Medical College, Kanpur, India - three
8	JOC Vol 26:1 2009	
1	Rajwanshi A, Srinivas R, Upasana G. Malignant small round cell tumors. J Cytol 2009;26:1-10.	Round cell tumors - review article - Postgraduate Institute of Medical Education and Research, Chandigarh, India - three
2	Sengupta S, Mondal SK, Mallick MG, Biswas P, Basu N. Role of cytology in diagnosis of soft tissue sarcomas with special reference to false positive cases. J Cytol 2009;26:15-9.	Pleomorphic cell tumors - original article - Medical College, Kolkata, India - five
9	JOC Vol 26:2 2009	
1	Mehdi G, Ansari HA, Haider N. Cytological diagnosis of multiple myeloma presenting as a jaw swelling. J Cytol 2009;26:80-2.	Plasma cell neoplasms - case report - Jawaharlal Nehru Medical College, Aligarh, India - three

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Table 1: Contd...

Serial number	The oral and maxillofacial cytology-related articles published in JOC from 2007 to 2015 over a 9-year period	Topic - Type of article - Institution of the first author -Number of authors
2	Patil R, Nayak S, Munshi M, Bobhate S. Scrape cytology in rare case of hairy tongue. J Cytol 2009;26:91-3. JOC Vol 26:3 2009	Cytological smear - case report - Government Medical College, Nagpur, India - four
10	Mondal P, Basu N, Gupta SS, Bhattacharya N, Mallick MG. Fine needle aspiration cytology of parapharyngeal tumors. J Cytol 2009;26:102-4. JOC Vol 26:4 2009	Parapharyngeal tumors - original article - Medical College, Kolkata, India - five
11	Tiwari A, Kini H, Pai RR, Rau AR. HIV lymphadenitis of the salivary gland: A case with cytological and histological correlation. J Cytol 2009;26:146-8.	Diseases of salivary gland - case report - Kasturba Medical College, Mangalore, India - four
2	Kaul R, Gupta N, Gupta S, Gupta M. Eosinophilic granuloma of skull bone. J Cytol 2009;26:156-7. JOC Vol 27:1 2010	Langerhans cell histiocytosis - case report - Indira Gandhi Medical College, Shimla, India - four
12	Jadhav KB, Gupta N, Ahmed Mujib BR. Maltese cross: Starch artifact in oral cytology, divulged through polarized microscopy. J Cytol 2010;27:40-1. JOC Vol 27:4 2010	Artifacts - letter to the Editor - Bapuji Dental College and Hospital, Davangere, India - three
13	Prasad H, Ramesh V, Balamurali PD. Morphologic and cytomorphometric analysis of exfoliated buccal mucosal cells in diabetes patients. J Cytol 2010;27:113-7.	Oral exfoliated cells - original article - Modern Dental College and Research Centre, Indore, India - three
2	Gill M, Dua S, Gill PS, Gupta V, Gupta S, Sen R. Cytomorphological spectrum of subcutaneous and intramuscular cysticercosis: A study of 22 cases. J Cytol 2010;27:123-6. JOC Vol 28:1 2011	Cysticercosis - original article - Pandit Bhagwat Dayal Sharma Postgraduate Institute of Medical Sciences, Rohtak, India - six
14	Jadhav K, Gupta N, Ahmed Mujib BR. Micronuclei: An essential biomarker in oral exfoliated cells for grading of oral squamous cell carcinoma. J Cytol 2011;28:7-12. JOC Vol 28:2 2011	Oral exfoliated cells - original article - Rural Dental College, Loni, India - three
15	Ahmad S, Akhtar K, Singh S, Siddiqui S. FNAB of metastatic lesions with special reference to clinicopathological analysis of primary site in cases of epithelial and non-epithelial tumors. J Cytol 2011;28:61-5.	Metastatic tumors - original article - Jawaharlal Nehru Medical College, Aligarh, India - four
2	Patel PV, Kumar S, Kumar V, Vidya GD. Quantitative cytomorphometric analysis of exfoliated normal gingival cells. J Cytol 2011;28:66-72.	Oral exfoliated cells - original article - Jagadguru Sri Shivarathreeshwara Dental College and Hospital, Mysore, India - four
3	Murthy S, Panduranga C. Fine-needle aspiration diagnosis of extranodal non-Hodgkin's lymphoma of the tongue. J Cytol 2011;28:81-3. JOC Vol 28:3 2011	Lymphomas - case report - ESI Postgraduate Institute of Medical Science and Research, Bangalore, India - two
16	Singh S, Garg N, Gupta S, Marwah N, Kalra R, Singh V, <i>et al.</i> Fine needle aspiration cytology in lesions of oral and maxillofacial region: Diagnostic pitfalls. J Cytol 2011;28:93-7.	Oral and maxillofacial lesions - original article - Pandit Bhagwat Dayal Sharma Postgraduate Institute of Medical Sciences, Rohtak, India - seven
2	Gayathri BN, Kalyani R, Manjula K. Primary tuberculous parotitis. J Cytol 2011;28:144-5. JOC Vol 28:4 2011	Diseases of salivary gland - letter to the Editor - Sri Devaraj Urs Medical College, Kolar, India - three
17	Babshet M, Nandimath K, Pervatikar SK, Naikmasur VG. Efficacy of oral brush cytology in the evaluation of the oral premalignant and malignant lesions. J Cytol 2011;28:165-72.	Oral exfoliated cells - original article - Sri Dharmasthala Manjunatheshwara College of Dental Sciences and Hospital, Dharwad, India - four
2	Mardi K, Kaushal V, Asotra S. Basal cell adenocarcinoma of submandibular salivary gland-problems in cytologic diagnosis. J Cytol 2011;28:203-6.	Diseases of salivary gland - case report - Indira Gandhi Medical College, Shimla, India - three
3	Das DK. Anaplastic large cell lymphoma: The evolution continues. J Cytol 2011;28:233-4. JOC Vol 29:1 2012	Lymphomas - commentary - Health Sciences Center, Kuwait - one
18	Singaraju M, Singaraju S, Parwani RN, Wanjari SP. Cytogenetic biomonitoring in petrol station attendants: A micronucleus study. J Cytol 2012;29:1-5.	Oral exfoliated cells - original article - Modern Dental College and Research Center, Indore, India - four
2	Gangopadhyay M, Bandopadhyay A, Sinha S, Chakroborty S. Clinicopathologic study of parapharyngeal tumors. J Cytol 2012;29:26-9.	Parapharyngeal tumors - original article - North Bengal Medical College and Hospital, Darjeeling, West Bengal, India - four
3	Chhabra S, Singh S, Sethi D, Mahapatra QS. Oncocytic carcinoma of lip: A rare neoplasm of minor salivary gland. J Cytol 2012;29:69-71.	Diseases of salivary gland - case report - Pandit Bhagwat Dayal Sharma Postgraduate Institute of Medical Sciences, Rohtak, India - four
4	Chakrabarti I, Basu A, Ghosh N. Oncocytic lesion of parotid gland: A dilemma for cytopathologists. J Cytol 2012;29:80-2. JOC Vol 29:2 2012	Diseases of salivary gland - case report - North Bengal Medical College, Darjeeling, India - three

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Serial number	The oral and maxillofacial cytology-related articles published in JOC from 2007 to 2015 over a 9-year period	Topic - Type of article - Institution of the first author -Number of authors
1	Mutreja D, Nijhawan VS, Srinivasa V, Lakhtakia R, Subramanya H. Value of ancillary studies in the evaluation of fine-needle aspiration specimens: Our experience. J Cytol 2012;29: 103-10.	Round cell tumors, oral squamous cell carcinomas - original article - 12 Air Force Hospital, Gorakhpur, India - five
2	Beg S, Vasenwala SM, Haider N, Ahmad SS, Maheshwari V, Khan MA. A comparison of cytological and histopathological findings and role of immunostains in the diagnosis of soft tissue tumors. J Cytol 2012;29: 125-30.	Soft tissue tumors - original article - Jawaharlal Nehru Medical College, Aligarh, India - six
20	JOC Vol 29:3 2012	
1	Sharma D, Mahajan N, Rao S, Khurana N, Jain S. Invasive maxillary aspergillosis masquerading as malignancy in two cases: Utility of cytology as a rapid diagnostic tool. J Cytol 2012;29: 194-6.	Aspergillosis - case report - Maulana Azad Medical College, New Delhi, India - five
2	Amit S, Agarwal A, Khan L. Cytomorphological features of lymphoepithelial carcinoma of submandibular gland in an adolescent male. J Cytol 2012;29: 216-8.	Diseases of salivary gland - case report - Ganesh Shankar Vidyarthi Memorial Medical College, Kanpur, India - three
21	JOC Vol 29:4 2012	
1	Panicker NK, Jariwala PH, Buch AC, Joshi M. The utility of periodic acid Schiff with diastase and alcian blue stains on fine needle aspirates of breast and salivary gland neoplasms. J Cytol 2012;29: 221-5.	Diseases of salivary gland - original article - Padmashree Dr. D. Y. Patil Medical College and Research Centre, Pune, India - four
2	Grover S, Mujib A, Jahagirdar A, Telagi N, Kulkarni PG. A comparative study for selectivity of micronuclei in oral exfoliated epithelial cells. J Cytol 2012;29: 230-5.	Oral exfoliated cells - original article - Bapuji Dental College and Hospital, Davangere, India - five
3	Choudhary P, Sudhamani S, Pandit A, Kiri VM. Comparison of modified ultrafast Papanicolaou stain with the standard rapid Papanicolaou stain in cytology of various organs. J Cytol 2012;29: 241-5.	Diseases of salivary gland - original article - Padmashree Dr. D. Y. Patil Medical College and Research Centre, Pune, India - four
22	JOC Vol 30:1 2013	
1	Belgaumi UI, Shetty P. Leishman Giemsa cocktail as a new, potentially useful cytological technique comparable to Papanicolaou staining for oral cancer diagnosis. J Cytol 2013;30: 18-22.	Oral exfoliated cells - original article - School of Dental Sciences, Karad, India - two
2	Kovalovsky A, Reynders A, Khurana KK. Intravascular papillary endothelial hyperplasia diagnosed by fine needle aspiration: Report of a case and cytology literature review. J Cytol 2013;30: 42-5.	Vascular lesions - case report - State University of New York, United States of America - three
3	Agarwal S, Nangia A, Jyotsna PL, Pujani M. Spindle cell lipoma masquerading as lipomatous pleomorphic adenoma: A diagnostic dilemma on fine needle aspiration cytology. J Cytol 2013;30: 55-7.	Spindle cell neoplasms - case report - Lady Hardinge Medical College, New Delhi, India - four
4	Shamim T. A simple working type classification proposed for the spindle cell neoplasms of the oral cavity. J Cytol 2013;30: 85.	Spindle cell neoplasms - letter to the Editor - Government Taluk Headquarters Hospital, Nilambur, India - one
23	JOC Vol 30:2 2013	
1	Paraizo JU, Rech IA, Azevedo-Alanis LR, Pianovski MA, De Lima AA, Machado MÃ. Cytomorphometric and cytomorphologic analysis of oral mucosa in children with sickle cell anemia. J Cytol 2013;30: 104-8.	Oral exfoliated cells - original article - Biological and Health Sciences Center, Curitiba, Brazil - six
2	Patel PV, Gujjari SK. Cytomorphometric analysis of the gingival epithelium in type 2 diabetic patients with and without smoking habit. J Cytol 2013;30: 109-15.	Oral exfoliated cells - original article - Faculty of Dental Sciences, Institute of Medical Sciences, Varanasi, India - two
3	Mandal PK, Mondal SK, Roy S, Adhikari A, Basu N, Sinha SK. Immunocytochemistry: It's role in diagnosis of undifferentiated neoplasms by fine needle aspiration cytology. J Cytol 2013;30: 121-4.	Round cell tumors - original article - Medical College, Thakurpukur, India - six
24	JOC Vol 30:3 2013	
1	Bhat AA, Parwani RN, Wanjari SP. Demonstration of iron in exfoliated buccal cells of -thalassemia major patients. J Cytol 2013;30: 169-73.	Oral exfoliated cells - original article - Sri Aurobindo College of Dental Sciences, Indore, India - three
2	Jindal S, Chauhan I, Grewal HK. Alteration in buccal mucosal cells due to the effect of tobacco and alcohol by assessing the silver-stained nucleolar organiser regions and micronuclei. J Cytol 2013;30: 174-8.	Oral exfoliated cells - original article - Maharishi Markandeshwar College of Dental Sciences and Research, Mullana, India - three
3	Sehgal S, Goyal P, Singh S, Kumar A. Fine-needle aspiration cytology of myoepithelial carcinoma of salivary gland: Diagnostic challenge to cytopathologist. J Cytol 2013;30: 207-10.	Diseases of salivary gland - case report - Swami Dayanand Hospital, New Delhi, India - four
25	JOC Vol 30:4 2013	
1	Sahay K, Mehendiratta M, Rehani S, Kumra M, Sharma R, Kardam P. Cytological artifacts masquerading interpretation. J Cytol 2013;30: 241-6.	Artifacts - original article - Sudha Rustagi College of Dental Sciences and Hospital, Faridabad, India - six
2	Kaliamoorthy S, Venkatapathy R, Babu P, Veeran V. Practical significance of utilizing fine needle aspiration cytology as an adjunct diagnostic aid in the preoperative presumptive diagnosis of ameloblastoma. J Cytol 2013;30: 247-51.	Odontogenic tumors - original article - Chettinad Dental College and Research Institute, Kelambakkam, India - four
3	Donald PM, George R, Sriram G, Kavitha B, Sivapathasundharam B. Hormonal changes in exfoliated normal buccal mucosal cells. J Cytol 2013;30: 252-356.	Oral exfoliated cells - original article - Melaka-Manipal Medical College, Melaka, Malaysia - five

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Table 1: Contd...

Serial number	The oral and maxillofacial cytology-related articles published in JOC from 2007 to 2015 over a 9-year period	Topic - Type of article - Institution of the first author -Number of authors
4	Khan N, Afroz N, Haider A, Hassan MJ, Hashmi SH, Hasan SA. Role of fine needle aspiration, imprint and scrape cytology in the evaluation of intraoral lesions. J Cytol 2013;30:263-9.	Oral and maxillofacial lesions - original article - Jawaharlal Nehru Medical College, Aligarh, India - six
26	JOC Vol 31:1 2014	
1	Musayev J, Önal B, Hasanov A, Farzaliyev I. Lipomatous pleomorphic adenoma in the hard palate: Report of a rare case with cyto-histo correlation and review. J Cytol 2014;31:36-9.	Diseases of salivary gland - case report - Azerbaijan Medical University, Baku, Azerbaijan - four
2	Jadhav KB, Ahmed Mujib BR, Gupta N. Cytological approach for diagnosis of non-healing oroantral fistula associated with candidiasis. J Cytol 2014;31:47-9.	Cytological smear - case report - Rural Dental College and Hospital, Loni, India - three
27	JOC Vol 31:2 2014	
1	Kala P, Khare P. Fine-needle aspiration cytology as a diagnostic modality for cysticercosis: A clinicocytological study of 137 cases. J Cytol 2014;31:68-72.	Cysticercosis - original article - Dr. Baba Saheb Ambedkar Hospital, New Delhi, India - two
2	Pawar PS, Gadkari RU, Swami SY, Joshi AR. Comparative study of manual liquid-based cytology (MLBC) technique and direct smear technique (conventional) on fine-needle cytology/fine-needle aspiration cytology samples. J Cytol 2014;31:83-6.	Diseases of salivary gland - original article - Swami Ramanand Teerth Rural Medical College, Ambajogai, India - four
3	Subitha K, Renu T, Lillykutty P, Letha V. Anaplastic myeloma presenting as mandibular swelling: Diagnosis by cytology. J Cytol 2014;31:114-6.	Plasma cell neoplasms - case report - Government Medical College, Kottayam, India - four
4	Vidyanath S, Balan U, Ahmed S, Johns DA. Role of cytology in herpetic stomatitis. J Cytol 2014;31:122.	Cytological smear - letter to the editor - KMCT Dental College, Calicut, India - four
28	JOC Vol 31:3 2014	
1	Chitturi RT, Nirmal RM, Sunil PM, Devy AS, Reddy BV. Evaluation of ploidy status using DNA-image cytometry of exfoliated mucosal cells in oral lichen planus. J Cytol 2014;31:131-5.	Oral exfoliated cells - original article - Sibar Institute of Dental Sciences, Guntur, India - five
2	Oz ZS, Bektas S, Battal F, Atmaca H, Ermis B. Nuclear morphometric and morphological analysis of exfoliated buccal and tongue dorsum cells in type-1 diabetic patients. J Cytol 2014;31:139-43.	Oral exfoliated cells - original article - School of Medicine, Zonguldak, Turkey - five
3	Chandavarkar V, Uma K, Mishra M, Sangeetha R, Gupta R, Sharma R. Ameloblastoma: Cytopathologic profile of 12 cases and literature review. J Cytol 2014;31:161-4.	Odontogenic tumors - case report - School of Dental Sciences, Greater Noida, India - six
4	Nangia A, Sehgal S, Chander R. Scrape cytology in localized oral mucosal leishmaniasis. J Cytol 2014;31:180-1.	Cytological smear - letter to the editor - Lady Hardinge Medical College, New Delhi, India - three
5	Tyagi R, Dey P. Aspergillus involving submandibular salivary gland: An unusual presentation. J Cytol 2014;31:181-2.	Diseases of salivary gland - letter to the editor - Postgraduate Institute of Medical Education and Research, Chandigarh, India - two
29	JOC Vol 31:4 2014	
1	Issac RM, Oommen AM, Mathai JM. Crystalloids in salivary gland lesions. J Cytol 2014;31:194-5.	Diseases of salivary gland - images in cytopathology - Pushpagiri Institute of Medical Sciences and Technology, Thiruvalla, India - three
2	Bhaker P, Chatterjee D, Gochhait D, Radotra BD, Dey P. Schwannoma of the parotid gland: Diagnosis by fine-needle aspiration cytology. J Cytol 2014;31:196-8.	Diseases of salivary gland - case report - Postgraduate Institute of Medical Education and Research, Chandigarh, India - five
3	Mondal SK, Mondal PK, Dutta SK. Cytodiagnosis of epithelioid malignant melanoma (amelanotic) and diagnostic dilemmas. J Cytol 2014;31:207-9.	Melanoma - case report - Medical College, Kolkata, India - three
4	Chin S, Kim HK, Kwak JJ. Oncocytic papillary cystadenoma of major salivary glands: Three rare cases with diverse cytologic features. J Cytol 2014;31:221-3.	Diseases of salivary gland - case report - Soonchunhyang University College of Medicine, Bucheon, Korea - three
5	Guo L, Qasem S, Bergman S, Salih ZT. Tenosynovial giant cell tumor presenting as a parotid gland mass: Expanding the differential diagnosis of giant cell-rich lesions in salivary glands. J Cytol 2014;31:224-6.	Diseases of temporomandibular joint - case report - Wake Forest School of Medicine, Winston-Salem, United States of America - four
6	Agarwal P, Kaushal M. An unusual presentation of Langerhans cell histiocytosis. J Cytol 2014;31:227-9.	Langerhans cell histiocytosis - case report - Dr. Ram Manohar Lohia Hospital and PGIMER, New Delhi, India - two
30	JOC Vol 32:1 2015	
1	Tripathy K, Misra A, Ghosh JK. Efficacy of liquid-based cytology versus conventional smears in FNA samples. J Cytol 2015;32:17-20.	Diseases of salivary gland - original article - Shrirama Chandra Bhanj Medical College, Cuttack, India - three
2	Joseph TP, Joseph CP, Jayalakshmy PS, Poothiade U. Diagnostic challenges in cytology of mucoepidermoid carcinoma: Report of 6 cases with histopathological correlation. J Cytol 2015;32:21-4.	Diseases of salivary gland - original article - Government Medical College, Ernakulam, India - four
3	Tomar R, Garg N, Agarwal S. Polymorphous low grade adenocarcinoma of lip clinically mimicking squamous cell carcinoma: An unusual presentation. J Cytol 2015;32:59-61.	Diseases of salivary gland - case report - University College of Medical Sciences. and Guru Teg Bahadur Hospital, New Delhi, India - three
31	JOC Vol 32:2 2015	

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Table 1: Contd...

Serial number	The oral and maxillofacial cytology-related articles published in JOC from 2007 to 2015 over a 9-year period	Topic - Type of article - Institution of the first author -Number of authors
1	Agarwal P, Vinuth DP, Haranal S, Thippanna CK, Naresh N, Moger G. Genotoxic and cytotoxic effects of X-ray on buccal epithelial cells following panoramic radiography: A pediatric study. J Cytol 2015;32:102-6.	Oral exfoliated cells - original article - Buraydah Private Dental College, Qassim, Saudi Arabia - six
2	Mohanta A, Mohanty PK, Parida G. Cytomorphometric analysis of keratinized round cells in human oral carcinoma. J Cytol 2015;32:107-12.	Oral exfoliated cells - original article - Utkal University, Bhubaneswar, India - three
3	Singh A, Hunasgi S, Koneru A, Vanishree M, Ramalu S, Manvikar V. Comparison of honey with ethanol as an oral cytological fixative: A pilot study. J Cytol 2015;32:113-7.	Cytological fixative - original article - Navodaya Dental College, Raichur, India - six
32	JOC Vol 32:3 2015	
1	Gangopadhyay M, Chakrabarti I, Ghosh P, Ghosh N, Sinha MM. Fine needle aspiration cytology of non-hematological neoplasms in pediatric age group: Our experience. J Cytol 2015;32:165-9.	Soft tissue tumors, round cell tumors, spindle cell neoplasms, diseases of salivary gland, Langerhans cell histiocytosis - original article - North Bengal Medical College, Darjeeling, India - five
2	Datar SS, Poflee SV, Pande NP, Umap PS. Preoperative cytological diagnosis of papillary cystic variant of acinic cell carcinoma: A key consideration in patient management. J Cytol 2015;32:191-3.	Diseases of salivary gland - case report - Indira Gandhi Government Medical College, Nagpur, India - four
33	JOC Vol 32:4 2015	
1	Handa U, Kundu R, Punia RS, Mohan H. Langerhans cell histiocytosis in children diagnosed by fine-needle aspiration. J Cytol 2015;32:244-7.	Langerhans cell histiocytosis - original article - Government Medical College and Hospital, Chandigarh, India - four
2	Jain G, Shetty P. Optimization of FNAC findings as a preoperative diagnostic aid for odontogenic cysts. J Cytol 2015;32:248-52.	Odontogenic cysts - original article - ITS Center for Dental Studies and Research, Ghaziabad, Uttar Pradesh, India - two
3	Nivia M, Sunil SN, Rathy R, Anilkumar TV. Comparative cytomorphometric analysis of oral mucosal cells in normal, tobacco users, oral leukoplakia and oral squamous cell carcinoma. J Cytol 2015;32:253-60.	Oral exfoliated cells - original article - Azeezia College of Dental Sciences and Research, Trivandrum, Kerala, India - four
4	Sharma T, Joshi D, Khurana A, Gupta V, Kapoor N. Bilaterally enlarged parotids and sicca symptoms as a presentation of sarcoidosis: Pivotal role of aspiration cytology in diagnosis. J Cytol 2015;32:281-3.	Diseases of salivary gland - case report - All India Institute of Medical Sciences, Bhopal, Madhya Pradesh, India - five

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- Shamim T. The relationship of forensic odontology with various dental specialties in the articles published in the journal of forensic odonto-stomatology from 2005 to 2012. Indian J Dent 2015;6:75-80.
- Shamim T. Publication trends in the journal of forensic dental sciences 2009-2012. J Sci Res 2013;2:152-6.