

DEPARTMENT OF ENT

1. List of publications in Vancouver style yearwise(calendar year)(Period 2014 to 2019)

Publications 2014

1. G. D. Mahajan, Priya Shah, James Thomas, Girija Ghate, Mayur Ingale, Paresh Chavan, Anshuman Roy, Kapil Duseja, “Retrospective Study of 861 cases of Endoscopic Endonasal DCR: Our Experience”. Journal of Evolution of Medical and Dental Sciences 2014; Vol. 3, Issue 08, February 24; Page: 2121-2125
2. J Thomas, G A Ghate, P N Shah. An unusual presentation of a functioning solitary ectopic thyroid. Ceylon Medical Journal 2014; 59: 69-70
3. Basavannaiah S, Deogaonkar S, Shinde V, Gore C. Hemangioendothelioma of oral cavity and oropharynx: A rare neoplasm. Indian J Oral Sci 2014;5:35-8
4. Rashmi Prashant R, Devendra Marathe, Devendra Jain, Lipee Shah, Anirudh Kasliwal. Ectopic Supernumerary Nasal Tooth. Journal of Evidence Based Medicine and Healthcare; Volume 1, Issue 7, September 2014; Page: 721-724.
5. Rashmi Prashant R, Vijayanand Halli, B. Karthikeyan. “Recurrent Squamous Papilloma Nasal Cavity with Orbital Extension – A Case Report”. Journal of Evidence Based Medicine and Healthcare; Volume 1, Issue 7, September 2014; Page: 652-655.

Publications 2015

1. Paresh Chavan, G D Mahajan, Girija Ghate, Priya Shah, Stuti Shukla, Anirudh Kasliwal. Study of etiological factors & Sensitivity Pattern in CSOM Indian Journal of Basic & applied Medical Research Dec. 2015, Volume-05, Issue-01,Page No. 766-770
2. Paresh Chavan, G D Mahajan, Girija Ghate, Priya Shah, Stuti Shukla, Anirudh Kasliwal. Analysis of Bacteriological Pattern and antibiotic sensitivity in ear discharge Indian Journal of Basic & applied Medical Research Dec. 2015, Volume-05, Issue-01,Page No. 772-778
3. G D Mahajan, Devendra Marathe, Paresh Chavan, Saniya Khan, Yogesh Patil, Raphella Khan. Protective effect of oral N – Acetyl cysteine in noise induced hearing loss in factory workers International Journal of Scientific studies Volume-04,Issue-01,page No. 75-77
4. Yogesh Subhashsing Patil, Rashmi Prashant Rajashekhar, Nayanna Sanjay Karodpati,

James Thomas. Lingual Thyroid : A case series of 06 lingal thyroids with incidence & different treatment modalities - International Journal of head & Neck surgery ,July –Sep 2015, 06 (3): Page No. 103-108.

5. Dr. Mayur Ingale, Dr. Nayanna Karodpati, Dr.Sudeep Choudhary, Dr. Saniya Khan Study of outcomes of endonasal dacryocystorhinostomy in relation with age distribution in Indian population Indian Journal Basic and Applied Medical Research, December 2015, Vol. -05, Issue – 01, Page no.779-783.
6. Dr. Rashmi Prashant R, Dr. Vinod Shinde, Dr. Devendra Jain, Dr. Yogesh Patil, Dr. Stuti Shukla. Epiglottic cyst – A case report S. K. International Journal of multidisciplinary Research hub: Vol 02, Issue 09, Sep 2015, Page no. 18-19.
7. Vinod Shinde, Swapnil Gosavi, Rashmi Prashant, Devendra Jain, Gundappa D Mahajan, Nayanna Karodpati Extraosseous Ewing's Tumour of Larynx – A Rare presentation medical Journal of Dr. D. Y. Patil University. – 2015, Volume, 08, Issue-04, Page No553-556.
8. Mayur Ingale, Vinod Shinde, Paresh Chavan, Sudeep Choudhary, Study of outcomes of endonasal dacryostorhinostomy in Indian population – Indian Journal of Basic and applied Medical Research, Dec. 2015, Vol. 05, Issue. 01, page no. 803-809.
9. Rashmi Prashant R, Anil S Harugop.” Correlation between pre-operative CT scan findings and operative findings during Endoscopic Sinus Surgery in chronic sinusitis patients”. International Journal of Advancements in Research and Technology, Vol 4, Issue 2, Feb – 2015.149-162.
10. A.D. Bholay, Mayur Ingale, Apurv Gaur. Therapeutic potential of mangrove and its associate plant extracts from thane creek, against human respiratory tract MDR pathogen –Journal of Biodiversity and environmental Sciences (JBES), 2015 Vol-07, NO- 04 Page No. 126,215

Publications 2016

1. Dr Anshuman Roy, Dr Mayur Ingale, Dr. Poorva kale, Dr Vinod Shinde, Dr Muneer K., Association of use of ear drops and ear drops and sensorineural hearing loss: Cross sectional study – Scholar of Applied Medical Sciences 2016, 4(6D): 2125- 2126
2. Dr Anshuman Roy, Dr Ramanand Yadav, Dr Mayur Ingale, Dr Sudeep Choudhary. Safe and Unsafe CSOM with sensorineural hearing loss: Pathophysiological Study – Scholars Journal of Applied Medical Sciences 2016, 04 (6D):2127-2128.
3. A.D. Bholay, Mayur Ingale, Apurv Gaur. Therapeutic potential of mangrove and its associate plant extracts from thane creek, against human respiratory tract MDR pathogen –Journal of Biodiversity and environmental Sciences (JBES), Vol-07, NO- 04 Page No. 126,215.

4. Dr Anshuman Roy, Dr Ramanand Yadav, Dr Mayur Ingale, Dr Sudeep Choudhary. Study of Pattern of hearing loss in CSOM in Indian Population - Indian Journal of Basic and Applied Medical Research: June 2016, Vol – 05, Issue -03, Page No. 332-334.
5. Vinod Shinde, Mayur Ingale, Rishank Kishore, Sharad Rawat. Preauricular Sinus - an unusual presentation – Indian Journal of Basic and Applied Medical Research: June 2016, Vol-05, Issue 03, Page No. 601-603.
6. Paresh Chavan, Stuti Shukla, Girija Ghate, Amit Sharma, Sharad Rawat. Study on role of mastoid air cell system in maintaining the middle ear pressure. Indian Journal of Basic and Applied Medical Research; March 2016: Vol.-5, Issue- 2, P.B. 54-57.
7. G D Mahajan, Devendra Marathe, Paresh Chavan, Saniya Khan, Yogesh Patil, Raphella Khan. Protective effect of oral N – Acetyl cysteine in noise induced hearing loss in factory workers International Journal of Scientific studies. Apr 2016 Volume-04, Issue-01, page No. 75-77.
8. Stuti Shukla , G. D. Mahajan , Paresh Chavan , Girija Ghate , S. C. Deogaonkar , Arvind Patil. Study of outcome of tympanoplasty with and without cortical mastoidectomy in patients with mucosal COM in urban population. Indian Journal of Basic and Applied Medical Research, June 2016, Vol-5, Issue-3. Page No. 873-876.
9. Stuti Shukla, Paresh Chavan, G. D. Mahajan, Girija Ghate, James Thomas, S. C. Deogaonkar. Study of effectiveness of cortical mastoidectomy on tympanoplasty. Indian Journal of Basic and Applied Medical Research; June 2016: Vol.-5, Issue- 3, P. 881-884.
10. Girija Ghate, James Thomas, S. C. Deogaonkar, Paresh Chavan, Anuya Gupta, Neelesh Bhat. Study of prevalence of drug resistance among patients having common respiratory infection. applied physiology & anatomy digest Sep 2016 (1) 02, pg. 10-14.
11. Ghate G. Thomas J, Deogaonkar S., Chavan P. Antibiotic resistance in commonly acquired acute tonsillopharyngitis patients. In urban population. International J. Of Healthcare and Biomedical Research. Vol: 05: Issue : 01 October 2016 (pg 26-29)
12. Dr Anshuman Roy, Dr Mayur Ingale, Dr. Poorva kale, Dr Vinod Shinde, Dr Muneer K., Association of use of ear drops and ear drops and sensorineural hearing loss: Cross sectional study – Scholar of Applied Medical Sciences 2016, 4(6D): 2125- 2126
13. Anshuman Roy, Mayur Ingale, S C Deogaonkar, Vinod Shinde, Sedeeep Choudhary. Study of Relationship of duration of disease and Sensorineural Component of hearing in Maharashtra population - Indian Journal of Basic and Applied Medical Research: June - 2016, Vol-05, Issue 03, Page no. 335-337

14. Vinod Shinde, Mayur Ingale, Rishank Kishore, Sharad Rawat. Preauricular Sinus - an unusual presentation – Indian Journal of Basic and Applied Medical Research: June 2016, Vol-05, Issue 03, Page No. 601-603.
15. Girija Ghate, James Thomas, S. C. Deogaonkar, Paresh Chavan, Anuya Gupta, Neelesh Bhat. Study of prevalence of drug resistance among patients having common respiratory infection. applied physiology & anatomy digest Sep 2016 (1) 02, pg. 10-14
16. Ghate G. Thomas J, Deogaonkar S., Chavan P. Antibiotic resistance in commonly acquired acute tonsillopharyngitis patients. In urban population. International J. Of Healthcare and Biomedical Research. Vol: 05: Issue : 01 October 2016 (pg 26-29)
17. Stuti Shukla , G. D. Mahajan , Paresh Chavan , Girija Ghate , S. C. Deogaonkar. Study of outcome of tympanoplasty with and without cortical mastoidectomy in patients with mucosal COM in urban population Indian Journal of Basic and Applied Medical Research, June 2016, Vol-5, Issue-3. Page No. 873-876
18. Ghate G. Thomas J, Deogaonkar S., Chavan P. Antibiotic resistance in commonly acquired acute tonsillopharyngitis patients. In urban population. International J. Of Healthcare and Biomedical Research. Vol: 05: Issue : 01 October 2016 (pg 26-29)
19. Dr. Anshuman Roy, Dr. Mayur Ingale, Dr. James Thomas, Association of age of patients and hearing loss : Qualitative Study – Indian Journal of Basic and Applied Medical Research June 2016, Vol – 05, Issue – 03, Page No. 329-331.
20. Poorva Chandrashekhar Kale, Anju Unnikrishnan, James Thomas, Rashmi Prashant Rajashekhar, Nayanna Santosh Karodpati. Unusual presentation of mastoid abscess Journal of Evidence Based Medical Health C. 2013: 3 (30),1370-1371.DOI : 10.18410/jebms/2016/313
21. G D Mahajan, Devendra Marathe, Paresh Chavan, Saniya Khan, Yogesh Patil, Raphella Khan. Protective effect of oral N – Acetyl cysteine in noise induced hearing loss in factory workers International Journal of Scientific studies Volume-04,Issue-01,page No. 75-77
22. Stuti Shukla , G. D. Mahajan , Paresh Chavan , Girija Ghate , S. C. Deogaonkar , Arvind Patil. Study of outcome of tympanoplasty with and without cortical mastoidectomy in patients with mucosal COM in urban population Indian Journal of Basic and Applied Medical Research, June 2016, Vol-5, Issue-3. Page No. 873-876

Publications 2017

1. G D Mahajan, Mayur Ingale. Study of common bacterial isolates in acute tonsillitis in India. Indian Journal of Basic and Applied Medical Research – Otorhinolaryngology special issue, Mar 2017, 6(2); 59-62
2. Ghate GA, Chavan PS, Thomas J, Ingale MH. Tuberculosis in otolaryngological practice. Int J Otorhinolaryngol Head Neck Surg 2017;3:812-5.

3. Dr Rashmi Prashant R, Dr. N. S Karodpati, Dr. Vinod Shinde, Dr Devendra Jain, Dr Shad Fatma. Comparative Study between OSCE and Viva during Clinical Post End Examination for 7th Semester MBBS students: Journal of Medical Science and Clinical Research. 2017/Vol 05/ Issue 01/ 15989 – 15992.
4. Amit Sharma, Paresh Chavan, S C Deogaonkar. Study of selection of grafting materials on the basis of type of defects in tympanic membrane. Indian Journal of Basic and Applied Medical Research– Otorhinolaryngology special issue, March 2017, 6 (2), 43-46.
5. Amit Sharma, S C Deogaonkar, Paresh Chavan. Study of graft uptake rate of temporalis fascia and tragal perichondrium in Myringoplasty and Type- Tympanoplasty. Indian Journal of Basic and Applied Medical Research – Otorhinolaryngology special issue, March 2017, 6 (2), 47-52.
6. Amit Sharma, Paresh Chavan, S C Deogaonkar. Analysis of hearing improvement post operatively by using grafting materials. Indian Journal of Basic and Applied Medical Research – Otorhinolaryngology special issue, March 2017, 6 (2), 53-58.

Publications 2018

1. Ingale M H, Mahajan GD. Evaluation of antibiotic sensitivity pattern in acute tonsillitis. IntJ Otorhinolaryngol Head Neck Surg2018;4:1162-6
2. Ingale M H, Shinde VV, Kumar AS, Singh HR. Clinical assessment and follow up of post-operative outcomes in endonasal dacryocystorhinostomy: our experience. IntJ Otorhinolaryngol Head Neck Surg2018; 4:1225-8.
3. Dr Vinod Shinde, Dr Rashmi Prashant R, Prevalence of Chronic Otitis Media in School Children with Hypertrophic Adenoids: Bihar and Jharkhand Journal of Otolaryngology. 2018.
4. Rashmi P Rajashekhar, Vinod V Shinde. Management of labyrinthine fistula using Surdille flap : International Journal of Otorhinolaryngology and Head and Neck Surgery.2018Jan;4(1):32-37.
5. Rashmi P Rajashekhar, Vinod V Shinde. Tympanometric changes following adenoidectomy in children with adenoid hypertrophy: International Journal of Otorhinolaryngology and Head and Neck Surgery. 2018 Mar;4(2):391-396.
6. Shinde V, Unnikrishnan A, Fatma S, Thomas J. Efficacy of mitomycin c in endoscopic dacryocystorhinostomy. Int J Otorhinolaryngol Head Neck Surg 2018;4:1431-5.
7. Ghate G, Khan R, Mukhtar S. Analysis of clinical status of contralateral ear in cases of unilateral squamosal chronic otitis media. IntJ Otorhinolaryngol Head Neck Surg2018;4:1198-201
8. Thomas J, Ghate G, Kumar A. Anomalies of the facial nerve: a surgeon's nightmare. IntJ Otorhinolaryngol Head Neck Surg2018;4:1202-5.
9. Girija A Ghate, James Thomas, Neelesh Bhat. A Clinico-Etiological Study of Cervical Lymphadenopathy in Otorhinolaryngology Practice. International Journal of Otorhinolaryngology. Vol. 4, No. 2, 2018, pp. 51-54. doi: 10.11648/j.ijo.20180402.14

Publications 2019

1. Vinod Shinde, Sudeep Choudhary, Mayur Ingale, Paresh Chavan. Paper patching in traumatic perforation of tympanic membrane: International Journal of Otorhinolaryngology and Head and Neck Surgery ; 2019 Jan;5(1):10-13

2. Research and extension(From 1st January 2014 to till 2019)yearwise (calendar year)

(a) Research summary

Sr. No.	Name of the project and duration	Name of Teachers	Amount of seed money provided (INR in Lakhs)	Sanctioned Year
1.	A study of Mucosal Changes in Nose, Nasopharynx and Larynx in tobacco abusers.	Dr. James Thomas	Rs. 3,00,000/-	2014
2.	Screening of hearing loss in newborns and infants using OAE and BERA	Dr. N S Karodpati	Rs. 4,15,000/-	2015
3.	A Clinico – bacteriological study of pharyngeal infections with special reference to antibiotic susceptibility.	Dr. G. D. Mahajan	Rs. 1,00,000/-	2017
4	Comparative study of outcome of Tympanoplasty alone with Tympanoplasty combined with cortical Mastoidectomy in patient with Quiescent Mucosal Chronic Otitis Media	Dr. Rashmi Prashant R.	Rs. 96,945/-	2018

(b) List of ICMR – STS Research projects sanctioned (From 1st January 2014 to till 2019) yearwise (calendar year)Scanned copy of all certificates to be provided (PDF format)

Sr. No.	Name of the Project	Investigators	Name of the Guide	Year of Award	Duration of the project	Funding Agency	Total amount of funds received
1	Methicillin resistant Staphylococcus aureus infection in paediatric patients suffering from chronic otitis media	Mr. Sarthak Waliya	Dr. James Thomas			DPU	
2	Prevalence of Bacterial Pathogens in Acute Tonsillitis & their Antibiotic Sensitivity Pattern(2015)	Miss Janhavi Rajan	Dr G D Mahajan			DPU	Rs 10,000/-
3	Study of changing trends in antibiotic resistance of bacterial isolates obtained from tonsillo pharyngitis patients	Miss Trisha Mehta	Dr. Girija Ghate			DPU	Rs.10,000/-
4	Prevalence of Chronic otitis media in School children with hypertrophic adenoids (2015)	Miss. Natasha Menon	Dr. Rashmi Prashant			DPU	Rs.10,000/-

3. PO and CO Analysis (UG as well as PG)

PG PO and CO

Programme Outcomes

No.	By the end of the programme, the Post Graduate in ENT should have:
1	Fair Knowledge about the basic medical ailments related to specialty
2	Practice their profession efficiently and ethically
3	Develop skills to maintain rapport with the patients
4	Take part in National health programs and take active role in prevention and rehabilitation of ENT related diseases
5	Develop basic teaching skills and be competent enough to work as a junior level teacher in educational institutes

Format for Course Outcomes ENT

- ENT.1 To obtain adequate /knowledge in basic Sciences like embryology, Anatomy, Physiology, Biochemistry, Micro-biology, Pharmacology and General Surgical principles related to Oto- Rhino-Laryngology.
- ENT.2 To have proper understanding of patho-physiology of most of the illnesses related to the specialty.
- ENT.3 To recognize and properly diagnose the ailments pertaining to ENT and also other common health problems of community.
- ENT.4 He/ she should gain adequate skills to individually manage ENT diseases both medically and surgically as per the need.

Format for Course Outcomes

PG Students	JR – ENT-I, JR-II, JR-III	ENT.5	They should manage all kinds of emergencies in Oto-Rhino-Laryngology ,head and neck independently keeping in the mind the Limitations existing in his place of work .
		ENT.6	They should be able to perform common audio –vestibular tests like Pure Tone Audiometry, Impedence Audiometry , BERA, Cold Caloric Test Positional tests, etc.

Format for Course Outcomes

- ENT.7 He/she should learn basic methodology in teaching medical and paramedical students in productive manner.
- ENT.8 He/she should keep a track of current developments in the field of ENT.
- ENT.8 They should be able to conduct research works, keep proper records and prepare reports and presentations of the same.

Mapping of CO with PO for a subject

JR – I, JR –II, JR – P G III Students ENT		Lifelong				
		Clinician	Leader	Communicator	learner	Professional
	ENT.1	2	2	2	2	2
	ENT.2	2	2	3	1	2
	ENT.3	3	1	3	2	2
	ENT.4	2	3	3	1	1
	ENT.5	2	2	2	0	2
	ENT.6	1	3	2	1	2
	ENT.7	3	2	2	1	2
	ENT.8	2	2	3	2	2
	Average	2.1	2.1	2.4	1.1	1.8

3 = Strong mapping, 2= Moderate mapping, 1= Weak mapping, 0 = Not mapping

UG PO and CO

Programme Outcomes

No.	By the end of the programme, the Medical Graduate will:
1	Be a Clinician , who understands and provides preventive, promotive, curative, palliative and holistic care with compassion
2	Be a Leader and member of the health care team and system
3	Be a Communicator with patients, families, colleagues and community
4	Be a Lifelong learner committed to continuous improvement of skills and knowledge
5	Be a Professional who is committed to excellence, is ethical, responsive and accountable to patients, community and the profession

Format for Course Outcomes ENT

- ENT.1 Describe the basic pathophysiology of common ENT diseases and emergencies.
- ENT.2 Adopt the rational use of commonly used drugs, keeping in mind their adverse reactions.
- ENT.3 Suggest common investigative procedures and their interpretation.
- ENT.4 Examine and diagnose common ENT problems including the pre-malignant and malignant disorders of the head and neck.

Format for Course Outcomes

- ENT.5 Manage ENT problems at the first level of care and be able to refer whenever necessary.
- ENT.6 Assist/carry out minor surgical procedures like ear syringing, ear dressings, nasal packing etc.
- ENT.7 Assist in certain procedures such as tracheostomy, endoscopies and removal of foreign bodies.

Mapping of CO with PO for a subject

		Lifelong				
		Clinician	Leader	Communicator	learner	Professional
Seven semester & internship	ENT	ENT.1	2	2	2	2
		ENT.2	2	2	3	1
		ENT.3	3	1	3	2
		ENT.4	2	3	3	1
		ENT.5	2	2	2	0
		ENT.6	1	3	2	1
		ENT.7	3	2	2	1
		Average	2.1	2.1	2.4	1.1
						1.8

3 = Strong mapping, 2= Moderate mapping, 1= Weak mapping, 0 = Not mapping

4. Alumni Placement (Till date)

Sr. No.	Year	Name of Faculty	Name of College
1.	2014	Dr. Paresh Chavan	Assistant Prof. at Dr. D. Y. Patil Medical College Pimpri, Pune
2.		Dr. Mayur Ingale	Assistant Prof. at Dr. D. Y. Patil Medical College Pimpri, Pune
3.		Dr. Anshuman Roy	
4.	2015	Dr. Aanchal Aggarwal	Consultant at Theropeia skin & ENT Centre, Benglaru .
5.		Dr. Swapnil Gosavi	Assistant Prof. at MGM Medical College Navi Mumbai
6.		Dr. Sphoorthi B.	
7.		Dr. Kapil Duseja	
8.	2016	Dr. Lipee Shah	Assistant Consultant RL ENT hospital Bhayandar, Mumbai
9.		Dr. Stuti Shukla	Senior Resident in Satywadi Raja Harish Chandra Govt. Hospital Delhi.
10.		Dr. Anju Unnikrishnana	Consultant at Sree Sudheendra Mission hospital, Cochin
11.		Dr. Sudeep Choudhary	Consultant at Shri Dangawas ENT Centre, Ajmer
12.	2017	Dr. Poorva Kale	Senior Resident in MIMER Medical College Talegaon.
13.		Dr. Anirudh Kasliwal	Consultant at Dr. K. C. Kasliwal `s ENT Centre, Jaipur.
14.		Dr. Saniya Khan	Class II ENT Officer at Bijapur District Hospital Chhattisgarh
15.		Dr. Yogesh Patil	Patil ENT Clinic, Moshi, Pune
16.	2018	Dr. Muneer K.	
17.		Dr. Raphella Khan	
18.		Dr. Muneeb M.	Consultant at Asha Hospital Vadakara, Calicut.
19.			
20.	2019	Dr. Neelesh Bhat	
21.		Dr. Sayali Goregaonkar	S.R at Dr. D. Y. Patil Medical College Pimpri, Pune

5. **Achievements/Awards of Faculty, UG Student, PG student yearwise (calendar year) from 1st January 2014 to 2019 till date**

Sr. No.	Name	Designation	Details of achievements
Year 2016			
1	Dr. Stuti Shukla	JR - III	Gold Medal