

DEPARTMENT OF ENT AND HEAD AND NECK SURGERY:

ABOUT DEPARTMENT

INTRODUCTION:

It is a well established and well equipped department in the college. It was established in the year 1989 and currently caters to 150 undergraduate students and 3 postgraduate students per year recognized by NMC. The department has highly qualified specialists with experience spanning over 4 decades in the field of ENT. They were trained at prestigious institutes and have the requisite global exposure to treat any condition.

The department of ENT is well supported by School of Audiology and Speech Language pathology to provide comprehensive evaluation and management of patients with ear problems/hearing loss, speaking and swallowing related difficulties.

It is one of the centres doing cochlear implant surgeries with more than 150 cochlear implant surgeries done so far, and is recognized by ADIP scheme of central government providing opportunity for children from lower socioeconomic strata.

HOD's MESSAGE:

The motto of the department is 'good patient care and good teaching' and help in making better ENT surgeons of future. Good intradepartmental and interdepartmental communication and adhering to strict ethical practice is followed by the department in order to achieve our motto

HIGHLIGHTS:

1. Advanced diagnostic procedures in OPD with dedicated audiology and speech therapy set up
2. Micro ear surgeries including cochlear implant
3. Endoscopic nose and ear surgeries
4. Endoscopic skull base surgeries including pituitary surgeries in collaboration with Neurosurgery, CSF leak repairs.
5. Head and Neck Surgeries
6. Evaluation and management of snoring and sleep apnea
7. Phonosurgery
8. Maxillofacial surgeries including facial trauma and facial plasty

9. The department has a huge series of laryngotracheal stenosis management with silicon T-Tube insertion with very good results.

10. Diagnosis and treatment of nasal allergy

11. Diagnosis and treatment of vertigo and headache

12. In this COVID era the department has been actively managing a huge load of mucormycosis with the support of various other departments like Infectious diseases, General Medicine, Ophthalmology. CAM cases were treated in the dept.

13. The department is strongly supported by School of Audiology and Speech language Pathology . Various advanced investigations like Electrocochleography, VEMP, VNG, VHIT, FEES, Tinnitus evaluation and retraining , Stroboscopy are done . Hearing aid trial and dispensing is also done .

14. The department has spacious well developed Temporal bone Dissection lab with 7 working stations each equipped with operating microscope, micromotor drill and micro instruments .Every year 3 workshops are conducted with 1:1 faculty delegate ratio. Till date more than 250 delegates which include Pg students, practicing ENT and neurosurgeons have availed the facility over 56 workshops.

15. Rural speciality clinics and diagnostic camps, school checkups along with urban health centre are run by dept.



Advanced Diagnostic Procedure: Diagnostic Nasal Endoscopy



Facial Plastic Surgery -Rhinoplasty



Head and Neck Surgery-Laryngectomy

ACHIEVEMENTS:

The department has highly specialized ENT specialists with experience spanning over four decades. The department is a recognized Cochlear implant centre, and has performed more

than 150 successful Cochlear implant surgeries till date. Robust temporal bone dissection course has been conducted thrice a year over the last 2 decades.

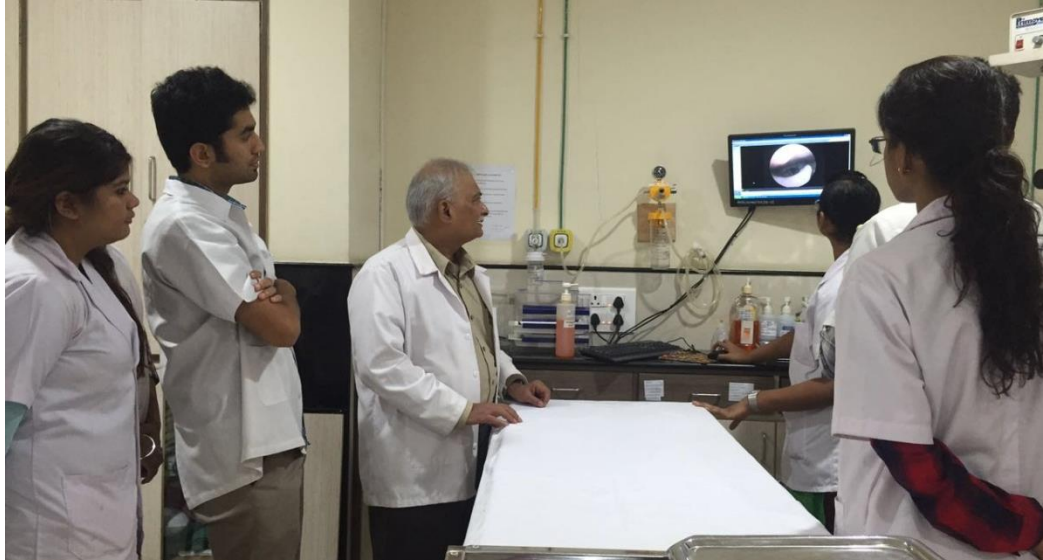


Cochlear Implant Surgery and Post surgical Rehabilitation

COURSES

1.UG PROGRAM:

The department is actively involved in UG teaching activities starting from Phase 1 to Phase 2 , Phase 3 MBBS and also actively involved in training interns during their rotatory postings in ENT department. Lectures, Bed side clinics, Small group teaching, Skill lab teaching are carried out by the department with the utmost enthusiasm and commitment .Yearly intercollegiate undergraduate quiz is being conducted by the department.



Undergraduate teaching by senior faculty



Undergraduate Clinics

2.PG PROGRAM:

Department offers MS ENT postgraduate program (currently 3 PGs per year). The post graduates admitted to the department are trained as per NMC guidelines. Teaching program includes seminars, case presentations, **temporal bone dissection** ,journal club, teaching rounds, surgical audits, skill lab training. Apart from these the postgraduates are well trained in their ENT clinical and basic ENT surgical skills .



Temporal Bone Dissection Workshop

LABS:

The department has spacious well developed Temporal bone Dissection lab with 7 working stations each equipped with operating microscope, micromotor drill and micro instruments .Every year 3 workshops are conducted with 1:1 faculty delegate ratio. Till date more than 250 delegates which include Pg students, practicing ENT and neurosurgeons have availed the facility over 56 workshops.

RESEARCH:

OVERVIEW: 'Research is seeing what everybody else has seen and thinking what nobody else has thought. The department actively supports various research projects by Postgraduates and

faculty. Various research projects are conducted by the department with the guidance and support of the CRPU of the institute.

Research Areas: The department is committed to research in various field of ENT ranging from basic Otolaryngology, rhinology and throat related to more complicated upper airway obstruction management.

Publications from the department in last 5 years:

Sr. No	Faculty Name	Publications
1	Dr. Maitri Kaushik HOD & Prof.	<p>1. Qadri HM, Dehadaray A, Kaushik M, Andrabi DZ. Meniere's disease: A mystery! Our way to diagnose. Indian Journal of Otolaryngology. 2017 Jan 1;23(1):13.</p> <p>2. Qadri HM, Dehadaray AY, Kaushik M, Andrabi DZ. Achalasia cardia: an interesting variation as a large neck swelling. Journal of clinical and diagnostic research: JCDR. 2014 Jul;8(7):KD01.</p> <p>3. Mishra P, Sachdeva S, Kaushik M, Agrawal D. Otomycosis treatment: Topical Drops versus Cream-A prospective randomized study. Archives of Otolaryngology and Rhinology. 2017 Sep 27;3(3):106-8.</p> <p>4. Dehadaray A, Patel M, Kaushik M, Agrawal D. Unusual presentation of Rhinoscleroma. The Indian Practitioner. 2017;70(11):32-5</p> <p>5. Patel M, Kaushik M, Dehadaray A, Gaikwad V. A retrospective study comparing treatment outcomes of spontaneous healing, scaffolding with silastic sheet and gelfoam in patients with traumatic tympanic membrane perforations. International Journal of Otorhinolaryngology and Head and Neck Surgery. 2018 Mar;4(2):569.</p> <p>6) Kaushik MR, Kole AS, Gupta N, Dhoot S, Dehadaray A. Evaluation of various laryngeal pathologies: Videolaryngoscopy versus videolaryngostroboscopy. Indian Journal of Otolaryngology and Head & Neck Surgery. 2018 Jun;70(2):244-8.</p> <p>7) Kaushik MR, Shukla A, Dehadaray AY, Mishra P, Johnson J. The elusive eustachian tube and its role in chronic otitis media. Indian Journal of Otolaryngology. 2018 Jan 1;24(1):53.</p> <p>8) Mishra P, Agrawal D, Chauhan K, Kaushik M. Prevalence of Laryngopharyngeal Reflux Disease in Indian Population. Indian Journal of Otolaryngology and Head & Neck Surgery. 2020:1-5.</p> <p>9) Dehadaray A, Gaikwad V, Kaushik M, Mishra P, Belsare S. Vestibular evaluation in patients with congenital profound hearing loss using ice cold water caloric test and rotational chair test. Indian Journal of Otolaryngology. 2020 Jul 1;26(3):132.</p> <p>10) Mishra P, Jedge P, Kaushik M, Artham P, Kumari S. Our experience of tracheostomy in COVID-19 patients. Indian Journal of Otolaryngology and Head & Neck Surgery. 202 Aug 10:1-4</p> <p>11) Mishra P, Gowda V, Dixit S, Kaushik M. Prevalence of new onset anosmia in COVID-19 patients: is the trend different between European and Indian population?. Indian</p>

		Journal of Otolaryngology and Head & Neck Surgery. 2020 Dec;72(4):484-7.
		12) Chethana R, Mishra P, Kaushik M, Jadhav R, Dehadaray A. Effect of Smoking on Nasal Mucociliary Clearance. Indian Journal of Otolaryngology and Head & Neck Surgery. 2020 Aug 7:1-4.
		13) Mishra P, Agrawal D, Chauhan K, Kaushik M. Prevalence of Laryngopharyngeal Reflux Disease in Indian Population. Indian Journal of Otolaryngology and Head & Neck Surgery. 2020:1-5.
2	Dr Brig Jeevan R. Galagali Professor	1. Mishra AK, Mallick A, Galagali JR, Gupta A, Sethi A, Ghotra A. Mastoid cavity obliteration using bone pâte versus bioactive glass granules in the management of chronic otitis media (squamous disease): a prospective comparative study. The Journal of Laryngology & Otology. 2021 Jun;135(6):492-500.
		2) Singh SP, Mishra AK, Galagali JR, Bharath M, Pathak L. Eustachian tube dysfunction in an intensive care unit: A prospective observational study. Medical Journal Armed Forces India. 2021 Jun 1.
		3) Kumar S, Mishra AK, Galagali JR, Sethi A, Malik A. Contact endoscopy for detection of residual or recurrent disease after radiotherapy for squamous cell carcinoma of the upper aerodigestive tract. The Journal of Laryngology & Otology. 2020 Apr;134(4):344-9.
		4) Bharath M, Galagali JR, Mishra AK, Mallick A, Nikhilesh E. Prophylactic use of antibiotics as per SIGN 104 guidelines versus routine antibiotic prophylaxis for prevention of surgical site infection in clean and clean contaminated ENT surgical procedures: a comparative study. International Journal of Otorhinolaryngology and Head and Neck Surgery. 2020 Jan;6(1):106.
		5) Galagali JR, Singh R, Kumar S. Isolated sphenoid polyp: a cause of headache. International Journal of Otorhinolaryngology and Head and Neck Surgery. 2019 Jan;5(1):228.
		6) Galagali JR, Singh R. Metastatic neck node: a straying journey to diagnosis. International Journal of Otorhinolaryngology and Head and Neck Surgery. 2018 Jul;4(4):1101.
		7) Salimath KN, Ramakrishnan N, Galagali JR. A Rare Presentation of Cavernous Hemangioma of Both Inferior Turbinates. Bengal Journal of Otolaryngology and Head Neck Surgery. 2017 Aug 30;25(2):111-4.
		8) Joshi KD, Galagali JR, Kanzhuly MK, Singh ID. A comparative study on effects of diabetes on auditory functions as measured by BERA and DPOAE. Int J Otorhinolaryngol Head Neck Surg. 2017 Apr;3:347-53.
		9) Singh ID, Galagali JR. Cervical Vagal Schwannoma Presenting as Paroxysmal Cough-A Case Report. Journal of Otolaryngology-ENT Research. 2017;7(3).
		10) Singh R, Galagali JR, Kumar S, Bahurupi Y, Chandrachud M. Comparative study of intranasal hypertonic seawater saline versus intranasal normal saline in allergic rhinitis. International Journal of Otorhinolaryngology and Head and Neck Surgery. 2016;3(1):104-7.

		<p>11) Bahuguna A, Pemmaraju A, Galagali JR. Study of Pattern of Emerging Antifungal Resistance in A Zonal Hospital in North-East India.</p> <p>12) Singh ID, Galagali JR. Cervical Vagal Schwannoma Presenting as Paroxysmal Cough-A Case Report. Journal of Otolaryngology-ENT Research. 2017;7(3).</p> <p>13) Rajguru R, Singh I, Galagali JR, Singh A. Septoplasty techniques-conventional versus endoscopic: our experience. Int J Otorhinolaryngol Head Neck Surg. 2017 Oct;3(4):990-</p> <p>14) Joshi KD, Galagali JR, Singh SK. A Study on effects of diabetes mellitus on auditory system. Romanian Journal of Diabetes Nutrition and Metabolic Diseases. 2017 Mar 15;24(1):49-55.</p> <p>15) Kahane KJ, Galagali BJ, Moruskar A. A comparative study of systemic versus topical ciprofloxacin in the treatment of chronic rhinosinusitis.</p>
3.	Dr Prasun Mishra Professor	<p>1. Vaid N, Mishra P, Gokhale N, Vaid S, Vaze V, Kothadiya A, Deka T, Agarwal R. A Proposed Grading System and Experience of COVID-19 Associated Rhino Orbito Cerebral Mucormycosis from an Indian Tertiary Care Center. Indian Journal of Otolaryngology and Head & Neck Surgery. 2021 Nov 15:1-8.</p> <p>2. Datta R, Singh A, Mishra P. A survey of awareness, knowledge, attitude, and skills of telemedicine among healthcare professionals in India. Medical Journal Armed Forces India. 2021 Oct 28.</p> <p>3. Mishra P, Gowda V, Dixit S, Kaushik M. Prevalence of new onset anosmia in COVID-19 patients: is the trend different between European and Indian population?. Indian Journal of Otolaryngology and Head & Neck Surgery. 2020 Dec;72(4):484-7.</p> <p>4. Mishra P, Agrawal D, Artham P. Screening Test for LPRD: History Versus Video Laryngoscopy. Indian Journal of Otolaryngology & Head & Neck Surgery. 2020 Dec 1;72(4).</p> <p>5. Chethana R, Mishra P, Kaushik M, Jadhav R, Dehadaray A. Effect of Smoking on Nasal Mucociliary Clearance. Indian Journal of Otolaryngology and Head & Neck Surgery. 2020 Aug 7:1-4.</p> <p>6. Dehadaray A, Gaikwad V, Kaushik M, Mishra P, Belsare S. Vestibular evaluation in patients with congenital profound hearing loss using ice cold water caloric test and rotational chair test. Indian Journal of Otology. 2020 Jul 1;26(3):132.</p> <p>7. Mishra P, Agrawal D, Chauhan K, Kaushik M. Prevalence of Laryngopharyngeal Reflux Disease in Indian Population. Indian Journal of Otolaryngology and Head & Neck Surgery. 2020:1-5.</p> <p>8. Mani UA, Bhot FB, Sada E, Mishra P, Patil V, Ursekar R, Adake D, Shriyan S. A case of multiple self-inflicted cuts to the neck and wrist presenting with airway compromise and catastrophic hemorrhage. Indian Journal of Case Reports. 2019:551-3.</p> <p>9. Mishra P, Sharma S, Otiv M, Kapadia M. Pediatric tracheostomy: indications and outcomes from Indian tertiary care centre. International Journal of Otorhinolaryngology and Head and Neck Surgery. 2019 May;5(3):750.</p> <p>10. Sonawale S, Deshmukh S, Mishra P. Proportion of patients referred to ENT clinic, having Otologic cause of Vertigo. Indian Journal of Basic and Applied Medical Research-Otorhinolaryngology Special Issue. 2018 Jun;7(3):5-12.</p> <p>11. Kaushik MR, Shukla A, Dehadaray AY, Mishra P, Johnson J. The elusive eustachian tube and its role in chronic otitis media. Indian Journal of Otology. 2018 Jan 1;24(1):53.</p> <p>12. Mishra P, Sachdeva S, Kaushik M, Agrawal D. Otomycosis treatment: Topical Drops versus Cream-A prospective randomized study. Archives of Otolaryngology and Rhinology. 2017 Sep 27;3(3):106-8.</p> <p>13. Mishra P, Jedge P, Kaushik M, Artham P, Kumari S. Our experience of</p>

		tracheostomy in COVID-19 patients. Indian Journal of Otolaryngology and Head & Neck Surgery. 2020 Aug 10:1-4.
4.	Dr. Chethana R Associate Prof.	<ol style="list-style-type: none"> 1. Harish MO, Chethana R. Step advancement flap technique of ear lobe repair. International Journal of Otorhinolaryngology and Head and Neck Surgery. 2018 Jan;4(1):154 2. Chethana R, Mishra P, Kaushik M, Jadhav R, Dehadaray A. Effect of Smoking on Nasal Mucociliary Clearance. Indian Journal of Otolaryngology and Head & Neck Surgery. 2020 Aug 7:1-4. 3. Chethana R, Devan PP, Sushmitha K. The Role of Oxidants and Antioxidants in Chronic Tonsillitis. Indian Journal of Otolaryngology and Head & Neck Surgery. 2020 Aug 31:1-6. 4. Tanthry D, Nehla A, Chethana R, Pannen DP, Santhraya M, Bhandary R, et al. Rare presentation of ectopic thymoma. Int Surg J 2021;8:2838-41
5.	Rohit Jadhav Asstt. Prof	<ol style="list-style-type: none"> 1. Chethana R, Mishra P, Kaushik M, Jadhav R, Dehadaray A. Effect of Smoking on Nasal Mucociliary Clearance. Indian Journal of Otolaryngology and Head & Neck Surgery. 2020 Aug 7:1-4.
6.	Dr. Viraj Gaikwad Asst. prof.	<ol style="list-style-type: none"> 1. Dehadaray A, Gaikwad V, Kaushik M, Mishra P, Belsare S. Vestibular evaluation in patients with congenital profound hearing loss using ice cold water caloric test and rotational chair test. Indian Journal of Otology. 2020 Jul 1;26(3):132. 2. Patel M, Kaushik M, Dehadaray A, Gaikwad V. A retrospective study comparing treatment outcomes of spontaneous healing, scaffolding with silastic sheet and gel foam in patients with traumatic tympanic membrane perforations. International Journal of Otorhinolaryngology and Head and Neck Surgery. 2018 Mar;4(2):569.
7.	Dr. Vishwanath Gowda Senior Resident	<ol style="list-style-type: none"> 1. Mishra P, Gowda V, Dixit S, Kaushik M. Prevalence of new onset anosmia in COVID-19 patients: is the trend different between European and Indian population?. Indian Journal of Otolaryngology and Head & Neck Surgery. 2020 Dec;72(4):484-7.
8.	Dr. Purva Artham Senior Resident	<ol style="list-style-type: none"> 1. Mishra P, Agrawal D, Artham P. Screening Test for LPRD: History versus Video Laryngoscopy. Indian Journal of Otolaryngology & Head & Neck Surgery. 2020 Dec 1;72(4). 2. Mishra P, Jedge P, Kaushik M, Artham P, Kumari S. Our experience of tracheostomy in COVID-19 patients. Indian Journal of Otolaryngology and Head & Neck Surgery. 2020 Aug 10:1-4.
9.	Dr. Kartikeya Chauhan Senior Resident	<ol style="list-style-type: none"> 1. Mishra P, Agrawal D, Chauhan K, Kaushik M. Prevalence of Laryngopharyngeal Reflux Disease in Indian Population. Indian Journal of Otolaryngology and Head & Neck Surgery. 2020:1-5.

TESTIMONIALS: as per google forms

EVENTS:

- 1.The department conducts temporal bone dissection workshop thrice a year. The upcoming workshop will be in March-April2022
- 2.Postgraduate training OSCE workshop is being held yearly by the department.
- 3.ENT Undergraduate intercollege quiz competition is organized by department yearly.