



**Preconference Cochlear Implant Surgical Dissection Workshop
&
Hands-On Fitting and Rehabilitation Workshop
“SANGYAN”**

**Department Of ENT And Anatomy
AIIMS Patna**

&

The Cochlear Implant Group of India

Date : 29th August, 2024

Venue : E-Classroom and Anatomy Dissection Hall



Pre-Conference: 29.08.2024 Thursday (Hall B)

TIME	TOPICS	SPEAKER/ MODERATOR	CHAIRPERSONS
08.00 - 08.15 am	Basic radiology – HRCT	Dr. Sushil Agarwal	Dr. Bhartendu Bharti
08.15 - 08.30 am	Basic radiology – MRI	Dr. Amit Tyagi	
08.30 - 9.00 am	Candidacy and work-up for CI	Dr. Darwin Kaushal Dr. Gyanranjan	
09.00 - 9.20 am	Understanding Implant Design – Electrodes, RS Packaging & magnet	Dr. Anandhan Dhana Singh	Dr. Amit Sahgal & Mr. Anurag Kumar
09.20 - 9.40 am	Understanding Sound Processor & Its Type	Mr. Prem Ranjan	
09.40 - 9.52 am	Surgical techniques in cochlear implant: Veria approach	Dr. Rajesh Vishwakarma Dr. Satyendra Sharma	
09.52 - 10.05 am	Surgical techniques in cochlear implant: Facial recess approach	Dr. Abha Kumari Dr. Roohie Singh	
10.05 - 10.20 am	Intra-operative assessment	Dr. Chandrakant Vishwakarma	Ms. Kavita Chandra Dr. Sailaja Timmaraju
10.20 - 10.30 am	A clinical set up for Cochlear Implant Rehabilitation	Ms. Leena Vishwakarma	
10.30 - 01.00 pm 1st batch	<p style="text-align: center;">Surgery ANATOMY DISSECTION HALL TBD15 Stations- 30 Students</p> <p>DISSECTION FACULTY Dr. Rajesh Vishwakarma, Dr. Shabbir Indorewala, Dr. Satyendra Sharma, Dr. Vishwambhar singh, Dr. Abha Kumari, Dr. Roohie Singh, Dr. Sushil Agarwal, Dr. Amit Tyagi, Dr. Darwin Kaushal, Dr. Gyanranjan</p>		
01.00 - 02.00 pm	Working Lunch		
02.00 - 05.00 pm 2nd Batch	TBD		

Pre-Conference: 29.08.2024 Thursday (Hall B)

TIME	TOPICS	SPEAKER/ MODERATOR	CHAIRPERSONS	
Audiology- Rehab HALL-B				
10.30 - 10.45 am	Understanding Basic TB Radiology – Important structures, Common abnormalities & Post Implant Radiology (Electrode Position & Magnet Position)	Dr. Karimullah Khan		
10.45 - 11.00 am	Importance of pre – implant therapy	Dr. Rupali Mathur		
11.00 - 11.15 am	Processing Strategies	Ms. Shefali KC		
11.15 - 11.30 am	Involvement of Habilitationist in CI candidacy	Mr. Sanjay Kumar Behera		
11.30 - 11.45 am	Understanding New Processor Capabilities – Mobile Connectivity, App connectivity, new adaptive front end processing algorithms & Bimodal Capabilities	Dr. Chandan Saha		
11.45 - 12.00 pm	Objective methods of setting a MAP (CAP, ESRT, CAEP)	Ms. Kritika Iyenger Saha		
12.00 - 12.15 pm	Aided Audiogram & Speech Identification Scores – Pre & Post CI	Mr. Nehasish Pratihari		
12.15 - 12.30 pm	Baseline assessment	Ms. Mithila Pooncha		
12.30 - 12.45 pm	Plan of Therapy sessions – Therapy Goal Setting	Ms. Kavita Chandra		
12.45 - 01.00 pm	Team Approach in CI Rehabilitations	Ms. Shabnam Fathima M		
01.00 - 02.00 pm	Working Lunch			
02.00 - 03.30 pm	Demonstrations/Hands on of mapping with different manufactures processors (30 participants will be divided into 5 groups in 6 work situation)	Coordinator: Dr. Chandan Saha, Dr. Aninda Duti Banik Mr. Chandan kumar Mr. Nehasish Pratihari		
03.30 - 05.00 pm	Review & Discussion of Therapy Videos	Coordinator: Ms. Mithila Pooncha, Ms. Pooja Behera, Ms. Shabnam Fathima M, Ms. Srishti Jain, Ms. Yashika Tyagi		



AIIMS PATNA



CIGICON 2024



21st National Conference of The Cochlear Implant Group of India

Theme : Starting Early, Starting Right

Organised by : Department of ENT AIIMS Patna in association
with AOI Bihar Jharkhand



Scientific Programme

30th August, 2024 - 01st September, 2024

Venue : AIIMS Patna

Day 1, Friday, 30th August 2024

Hall (A) Surgery	Hall (B) Audiology	Hall (C) Rehabilitation
08:00 am to 09:00 am	08:00 am to 09:00 am	08:00 am to 09:00 am
<p>Surgery, Instructional Course on “Radiology”</p> <p>20 minutes for discussion / Q and A/ case discussions</p> <hr/> <p>Topic 1: Radiology relevant to cochlear Implants. (20 minutes)</p> <p>Chair : Dr. Vikas Deep Gupta, Dr. Amit Kumar</p> <p>Speaker : Dr. Gaurav Gupta, Dr. Sangeeta Varty</p>	<p>Audiology, Instructional Course on “Auditory Evoked Potentials (AEP)”</p> <p>Pre- & Post-Op Cochlear Implantation (30 minutes)</p> <p>Chair : Dr. Prawin Kumar, Dr Rohit Kumar Jha</p> <p>Speaker : Ms. Neevita Narayan, Ms. Meenakshi Wadhwa</p>	<p>Rehabilitation, Instructional Course on “Book Sharing”</p> <p>(20 minutes)</p> <p>Chair : Dr. Suman Kumar, Ms Aditi Shekhar</p> <hr/> <p>Topic 1: Importance of book sharing in CI Therapy. Ms. Vahishtai Daboo</p> <p>Topic 2: Book sharing – Strategies. Ms. Pooja Behera</p> <p>Topic 3: Types of books as per age. Ms. Ritu Nakra</p>
(Hall A) Surgery, Audiology & Rehabilitation Combined Sessions (09:00 am to 03:30 pm)		
09:00 am to 10:30 am		
<p>Surgery, Audiology & Rehabilitation Combined Sessions</p> <p>Moderator: Introduction to the topic (10 minutes)</p> <p>Speaker: Talk for 10 minutes</p> <p>Summary by moderator and Q and A- 30 minutes (choice of moderator on how to split the time)</p> <p>Mini Symposium on “Starting early, starting right”</p> <p>Chair: Dr. Renu Rajguru, Ms Asha Agarwal</p> <p>Moderator: Dr. Neelam Vaid</p>		
<p>Topic 1: Neuronal changes in the auditory brain Dr. Martijn Agterberg</p>	<p>Topic 2: Early detection of hearing impairment – the value of objective testing in very young infants Dr. Ashutosh Kumar Dubey</p>	<p>Topic 3: Genetics of hearing loss Dr. Vidhu Sharma</p>
<p>Topic 4: Surgery in the very young Dr. Shalabh Sharma</p>	<p>Topic 5: Appropriate therapy techniques in the pre-lingual young infant Ms. Leena Vishwakarma</p>	<p>Topic 6: Simultaneous/ Sequential CI Dr. (Col) Abha Kumari</p>
10:30 am to 11:00 am (Invited talk/ Keynote, Surgery)		
<p>Topic : Cochlear implantation and Bone conduction implants in patients with cholesteatoma - chronic otitis media.</p> <p>Speaker : Dr. Milan Profant Chair : Dr. Prakash Moonka, Dr. Rajesh Vishwakarma</p>		
11:00 am to 11:30 am (Invited talk/ Keynote, Audiology)		
<p>Topic : Brain plasticity and contribution of spectral pinna cues in single sided deafness pre- and post-cochlear implantation.</p> <p>Speaker : Dr. Martijn Agterberg Chair : Dr. Kalyani Mandke, Mr. Anurag Kumar</p>		
11:30 am to 12:00 pm (Invited talk/ Keynote, Rehabilitation)		
<p>Topic : Impact of binaural hearing on complex language development and verbal cognition.</p> <p>Speaker : Dr. Leo De Raeve Chair : Mr. Sureshwar Lal Karna, Ms. Rashmi Deshpande</p>		
12:00 pm to 12:45 pm		
Inaugural Function		
12:45 pm to 01:45 pm		
Oration		
01:45 pm to 02:30 pm		
Lunch		
02:30 pm to 03:30 pm		
Medel Symposium		

Hall (A) 03:30 pm to 04:30 pm	Hall (B) 03:30 pm to 04:30 pm	
INVITED TALKS (15 minutes) Chair: Dr. Satyendra Sharma, Dr. Pradipta Kumar Parida Topic 1: Challenges in post lingual implant Dr. Hetal Marfatia Patel Topic 2: Electrode in malformed cochlea-training and execution Dr. Anandhan Dhana Singh Topic 3: Intra-operative switch on during CI surgery Dr. K R Meghnadh Topic 4: Challenging situations in cochlear implant Dr Neeraj Suri	Audiology- Rehabilitation Combined Session Module/Mini symposium on " Adult Cochlear Implantation " 12 minutes Chair: Mr. Ankur Chopra, Dr. Madhuri Gore Topic 1: CI in adults with Pre-lingual & Post lingual Deafness Ms. Shabnam Khan Topic 2: Fitting CI in Geriatric Population Ms. Deepika Jayachandran Topic 3: Applying Therapeutic principle for adults with cochlear implants Ms. Shabnam Fathima M Topic 4: Embedding counselling and communication skills in rehabilitation of adults with CI Ms. Deepa Valame Topic 5: Quality of Life- Pre & Post CI Ms. Shabnam Khan	
Hall (A) 04:30 pm to 05:30 pm	Hall (B) 04:30 pm to 05:30 pm	
Surgery, Panel Chair: Dr. Rohit Bhatia, Dr. Ashvini K Verma Topic 1 : Cochlear Implantation in Labyrinthitis Ossificans Moderator: Dr. Sumit Mrig Speaker: Dr. Neelam Vaid, Dr. N V K Mohan Dr. Md Noushad V, Dr. Satya Kiran Dr. Shomeshwar Singh, Dr. Kapil Sikka Dr. Milan Profant	Audiology- Rehabilitation Combined Session Mini symposium on " Starting Early, Starting right " 12 minutes Chair: Dr. Sanjay Munjal, Mr Dharmendra Jha Topic 1: How early is early? – Interdisciplinary approach Ms . Neelu Somani Topic 2: Role of Gynaecologists and Paediatricians Ms. Priyanjali Harit Topic 3: Beyond New Born Hearing Screening? Mr. Amit Kumar Anand Topic 4: Neural plasticity, it's role and importance Ms. Shweta Deshpande Topic 5: Importance of the right fitting & programming of hearing devices Ms. Meenakshi Wadhera	
Hall (A) 05:30 pm to 06:30 pm	Hall (B) 05:30 pm to 06:30 pm	Hall (C) 05:30 pm to 06:30 pm
Surgery, Panel/Mini Symposium on "Surgical site infection in CI" Speaker: 8 minutes (10 min introduction for moderator and 10 min conclusion along with Q n A- choice) Chair: Dr. Sanjeev Kumar, Dr. Satyaprakash Moderator: Dr. Sanjeev Mohanty Panelist: Dr. Vishvambhar Singh Topic 1: Operation theatre design and maintenance Dr. Ripudaman Arora Topic 2: Minimising surgical site infections Dr. Abhineet Lall Topic 3: Antibiotic protocol for cochlear implantation (Pre-Post-Complication) Dr. Vikrant Mathur Topic 4: Management of wound infection in the early postoperative period Dr. Shenal Kothari Topic 5: Migration, seroma and implant exposure – a protocol for management Dr. Anand Raju	Audiology, Invited Talk Speaker: 15 minutes Chair : Mr. Sameer P, Dr. Rajan Bhargav Topic 1: Role of ECoChG in CI Surgery-surgical & audiologist perspective. Mr. Prem Ranjan Topic 2: Post - Implantation Vestibular Dysfunction Dr. Niraj Kumar Singh Topic 3: Monitoring of inner ear function during and after cochlear implantation using electrocochleography Dr. Aninda Dutti Banik Topic 4: Complaint & Management of Tinnitus in Individual with Cochlear Implantation Dr. Noorain Alam	Rehabilitation, Invited Talk Speaker: 15 minutes Chair : Ms. Gayatri Vaidya, Dr. Abhishek Srivastava Topic 1: Early intervention - role of the CI centres Ms. Alpna N Pagare Topic 2: How to start intervention with young babies and developing Skill set in professionals Ms. Jaspal Chowdhry Topic 3: Team approach & it's role in early intervention Ms. Shivani Arora Topic 4: Long term paediatric CI Users- where are they in hearing journey? Implantation Dr. Anuradha Sharma
06:30 pm to 07:00 pm Networking		
07:00 pm to 07:30 pm Hall (A) Cultural Program AllMS Auditorium		
07:30 pm Onwards Dinner		

Day 2, Saturday, 31st August 2024

Hall (A) Surgery	Hall (B) Audiology	Hall (C) Rehabilitation
08:00 am to 08:45 am	08:00 am to 08:45 am	08:00 am to 08:45 am
<p>Surgery, Instructional Course on</p> <hr/> <p>"Surgical approaches of cochlear implant" 12 minutes</p> <p>Chair : Dr. Ruchika Agarwal, Dr Santosh Swain</p> <p>Topic 1: Nuances of Posterior Tympanotomy approach in CI (20 minutes)</p> <p>Speaker : Dr. Deepak Dalmia, Dr. Amitabh Roy Chaudhary</p> <p>Topic 2: Nuances of VERIA Approach.</p> <p>Speaker : Dr. HarsimranTuli, Dr. Sampurna Ghosh</p>	<p>Audiology, Mini symposium on</p> <p>" Bone Conduction Solutions & Middle Ear Implants"</p> <p>Chair : Mr. Mohammed Eliyas, Mr Sanjay Kumar</p> <p>Topic 1: Awareness of Bone conduction solutions among ENT, Paediatrician & General Surgeon. & Candidacy for Bone conduction solutions (20 minutes)</p> <p>Dr. Chandrakant Vishwakarma</p> <p>Topic 2: Cost effectiveness of Bone conduction solutions & its long-term outcomes. (12 minutes)</p> <p>Ms. Neevita Narayan</p> <p>Topic 3: Candidacy and fitting of Bone Conduction Devices & Middle Ear Implants (12 minutes)</p> <p>Dr. Amit Sahgal</p>	<p>Rehabilitation, Instructional Course on</p> <p>"Clinical Research in Rehabilitation"</p> <p>Chair : Ms Anuradha Bantwal, Dr. Ankur Mohan 15 minutes</p> <hr/> <p>Topic 1: Creating Proposal Dr. Geetha C.</p> <p>Topic 2: Designing a study. Mr. Himanshu Verma</p> <p>Topic 3: Data entry & analysis Dr. Shamshad Ahmad</p>

Hall (A) 09:00 am to 10:30 am

Surgery, Audiology & Rehabilitation Combined Sessions

Moderator: Introduction to the topic (10 minutes)

Speaker: Talk for 10 minutes

Summary by Moderator: 5 minutes; Q & A session: 10 minutes

Mini-symposium on **"Anomalies of cochlea and cochleovestibular nerve"**

Chair: Prof. Asha Yathiraj, Dr. A K Thakur

Moderator: Dr. Mohnish Grover

<p>Topic 1: Radiological Classification of Inner ear anomalies Dr. Mohnish Grover</p>	<p>Topic 2: Surgical challenges in the anomalous ear Dr. Rabindra Bhakta Pradhanang</p>	<p>Topic 3: Electrode migration in anomalous cochlea and methods of prevention Dr. Neelam Vaid</p>
<p>Topic 4: Audiological evaluation in patients with hypoplastic/thin nerves Prof. Manjula P.</p>	<p>Topic 5: Rehabilitation in recipients with anomalous cochlea and cochleovestibular nerve anomalies Ms. Rashmi Deshpande</p>	<p>Panelist Dr. Shabbir Indorewala</p>

Hall (A) 10:30 am to 11:30 am

CIGI AWARD

Hall (A) 11:30 am to 12:30 pm

Surgery, Audiology & Rehabilitation Combined Panel Sessions

Topic : Introspections and reflections of CI program: Indian perspective

Chair : Dr. Manojendra Bhattacharya, Dr. Sanjay Kumar Sahi

Moderator : Dr. Manoj Manikoth

Panelist : Dr. Roohie Singh, Dr. Rohit Mehrotra, Dr. Aparna Nandurkar
Mr. Sameer P, Dr. Srinivasa Rao Bayya, Dr. Milind Navlakhe, Dr. K P Verma

Hall (A) 12:30 pm to 01:00 pm

Advanced bionics Symposium

Hall (A) 01:00 pm to 02:00 pm

LUNCH

Hall (A) 02:00 pm to 03:15 pm	Hall (B) 02:00 pm to 03:15 pm	Hall (C) 02:00 pm to 03:15 pm
<p>Surgery, Invited Talk (12 minutes) Chair: Dr. Vineet Sinha, Dr. Pankhuri Mittal Topic 1: Middle ear disease and CI – Do's & Don'ts Dr. Rajeev Pachauri Topic 2: Surgical Challenges of CI Surgery Dr. Naresh Panda Topic 3: Innovation in Auditory sciences Dr. Amit Goyal Topic 4: CI in Hypoplastic Nerve Dr. Saumitra Shah Topic 5: Journey of Veria Surgery Dr. Isha Tyagi Topic 6: Intraoperative facial nerve monitoring in cochlear implant surgery Dr. Kranti Bhavana</p>	<p>Audiology, Mini symposium on , "Fitting Cochlear Implantation" (15 minutes) Chair : Ms. Devangi Dalal, Mr Rahul Salaj Topic 1: Anatomy Based Fitting Dr. Sailaja Timmaraju Topic 2: eCAP, eSRT, CAEP based fitting Ms. Kritika Iyenger Saha Topic 3: Fitting CI in Residual Hearing Dr. Navnit Gupta Topic 4: Fitting CI in Cochlear Nerve deficiency Mr. Prabhax Kumar Topic 5: Fitting CI in Unilateral & Asymmetrical Hearing Loss Ms. Pragnya Bharadwaj</p>	<p>Rehabilitation, Module/Mini symposium on "Management of CI recipients with Additional Needs" (15 minutes) Chair : Ms. Sheryn Kerketta, Ms. Anuradha Sharma Topic 1: Multi-sensory therapeutic approach in children with CI Ms. Mithila Poonacha Topic 2: Therapy in children with CI & CAPD Prof. Asha Yathiraj Topic 3: Therapy in children with CI & ANSD Ms. Jaspal Chowdhry Topic 4: Functional Communication Ms. Sushmita Shrestha Topic 5: Role of high tech /low tech AAC in Rehabilitation Ms. Anuradha Bantwal</p>
Hall (A) 03:15 pm to 04:15 pm	Hall (B) 03:15 pm to 04:15 pm	Hall (C) 03:15 pm to 04:15 pm
<p>Mini-symposium on, "Retro cochlear pathologies and their outcomes on hearing Rehabilitation" (12 minutes) Chair: Dr. P K Singh, Mr. Sureshwar Lal Karna Moderator : Dr. Mohan Kameswaran Topic 1: Pre and post-synaptic auditory neuropathy – diagnosis and management Dr. Sanjay Munjal Topic 2: Hearing Implant in retro cochlear pathology Dr. Sampath Chandra Rao Prasad Topic 3: ABI in Retrocochlear Lesions Dr. Ameet Kishore Topic 4: Rehabilitation techniques in children and adults with absent or non-implantable cochlea Dr. Rupali Mathur</p>	<p>Audiology, Invited Talk (12 minutes) Chair : Mr. Hemant Patel, Dr. B M K Sinha Topic 1: Regression in CI Children Dr. Kalyani Mandke Topic 2: Benefits of Binaural Fitting Ms. Manisha Suru Topic 3: How to measure binaural hearing in a clinical setting and how to achieve Superior hearing with Binaural VSB (24mins) Dr. Martijn Agterberg Topic 4: measure speech perception in CI children: Clinical perspective (12mins) Dr. Prawin Kumar</p>	<p>Rehabilitation, Panel on "Advanced Language Skills" (12 minutes) Chair : Ms. Priyanjali Harit, Dr. Raj Kumar Prasad Topic 1: Higher Level Language Skills Ms. Pooja Behara Topic 2: Advanced Vocabulary Ms. Ritu Nakra Topic 3: Advanced social communication skills Mr. Kabiraj Khanal Topic 4: Theory of Mind- It's role in language/ Cognition Ms. Shabnam Fathima M Topic 5: Reading & writing skills in children with CI Dr. Suman Kumar</p>
Hall (A) 04:15 pm to 05:00 pm	Hall (B) 04:15 pm to 05:00 pm	Hall (C) 04:15 pm to 05:00 pm
<p>Surgery, Invited Talk (15 minutes) Chair: Dr. Chandrashekhar, Dr. Dhiren Kumar Topic 1: Lessons learnt in CI in Journey Dr. Mary John Topic 2: Where can we go wrong in cochlear implant surgery? Dr. Sudhir Kadam</p>	<p>Audiology, Mini-symposium on, "ABI" (20 minutes) Chair : Dr. Samit Lal, Dr. Rakesh Kumar Topic 1: Decision making in candidacy for ABI Ms. Parul Sud Topic 2: Decision on electrode positioning during surgery, post-op fitting and evaluation Mr. Ranjith Rajeswaran</p>	<p>Rehabilitation, Invited Talk (15 minutes) Chair : Ms. Shweta Deshpande, Dr. Rajeev Saxena Topic 1: Common Errors in Speech Production in CI recipients- Diagnosis, issues, Management Mr. Loknath Sahoo Topic 2: Articulatory errors in children with CI – when can be begin? Mr. Sanjay Kumar Behera Topic 3: Quality Standards for rehabilitation of young deaf children receiving cochlear implants Dr. Leo De Raeve</p>
Hall (A) 05:00 pm to 07:30 pm		
GBM & Election		
08:00 pm Onwards		
Gala Dinner		

Day 3, Sunday, 01st September 2024

Hall (A) Surgery	Hall (B) Audiology	Hall (C) Rehabilitation
08:00 am to 09:00 am	08:00 am to 09:00 am	08:00 am to 09:00 am
<p>Instructional Course on “Real Life scenarios and challenges for cochlear implant surgeons”</p> <p>Video based session – 10/12 videos – challenging (six cases)</p> <hr/> <p>• Dr. Rajat Jain • Dr. Nazrin Hameed • Dr. Prem Sagar • Dr. Kalyan Chidambaram • Dr. Sangeetha Varthy • Dr. Bharath M</p> <p>Chair: Dr. Ushrini, Dr. Harsh Kumar (8 minute) each</p> <p>Moderator: Dr. Rajesh Vishwakarma</p>	<p>Audiology, Instructional Course on “Vestibular Science & CI” (20 minutes) Chair : Mr. Satish Kumar Patel, Dr. Vijay Kumar</p> <p>Topic 1: Vestibular Assessment Dr. Srinivas Dorasala</p> <p>Topic 2: Role of vestibular assessment pre & post CI. Dr. Niraj Kumar Singh</p> <p>Topic 3: Vestibular Rehabilitation in individual with cochlear implant Mr. Gaurav Dilip Patil</p>	<p>Rehabilitation, Brain storming sessions on “ Family Dynamics – Challenges & Solution”</p> <p>Moderator: Mr. Chandan Kumar</p> <p>Panellist: Ms. Rashmi Deshpande Ms. Kalpana Antala Ms. Shweta Deshpande Dr. Madhuri Gore Ms. Banumathy N</p>
Hall (A) 09:00 am to 10:30 am		
<p>Mini symposium on “Research and development in Auditory Sciences”</p> <p>Moderator: Introduction to the topic (12 Minutes) Speaker: Talk for 10 minutes Summary by Moderator: 5 minutes; Q & A session: 10 minutes</p> <p>Chair: Dr. Chandrakant, Dr R K Jha</p> <p>Moderator: Dr. Amit Keshri</p>		
<p>Topic 1: Gene and stem cell therapy – where are we now? Dr. Sudha Maheshwari</p>	<p>Topic 2: AI and CI Dr. Prahalad Nayak</p>	<p>Topic 3: FNIR and CI Outcomes Dr. Kranti Bhavana</p>
<p>Topic 4: Audiology of the cortical auditory pathway Dr. Madhuri Gore</p>	<p>Topic 5: Robotics and CI Dr. Rohit Prasad</p>	
Hall (A) 10:30 am to 11:45 am	Hall (C) 10:30 am to 11:30 am	
<p>Surgery Invited Talk (12 minutes) Chair: Dr. Priti S Hajare, Dr. Vivek Kumar</p> <p>Topic 1: Device selection in hearing impairment / How and what to choose Dr. Ramandeep Virk</p> <p>Topic 2: Audit of CI Program at AIIMS Delhi Dr. Alok Thakar</p> <p>Topic 3: Effect of deafness etiology on CI outcomes in pre-lingually deaf children Dr. Milan Profant</p> <p>Topic 4: Otoplasty and BCI Dr. Kapil Soni</p> <p>Topic 5: Endoscopes in CI Dr. Ravi Meher</p> <p>Topic 6: Subtotal Petrosotomy in cochlear implant Dr. Madhuri Mehta</p>	<p>Audiology- Rehabilitation, Mini symposium on “Mainstreaming” (15 minutes) Chair: Dr. Noorain Alam, Ms. Alpana Pagare</p> <p>Topic 1: What does it entail/are we truly successful in mainstreaming? Ms. Priyanka Endal</p> <p>Topic 2: A mainstreaming of children with CI- roadmap Ms. Aparna Ravichandran</p> <p>Topic 3: Ensuring sustainability through academic year Dr. Jawahar Antony</p> <p>Topic 4: Creating awareness about cochlear implants and deafness in mainstream schools Ms. Leena Vishwakarma</p>	
To be Continued.....		

Hall (A) 11:45 am to 12:45 pm	Hall (B) 11:30 am to 12:30 pm	
Symposium on "Expanded Criteria" (12 minutes) Chair: Dr. Kabikanta Samantray, Dr. Sarita Kumari Mishra Moderator: Dr. Ameet Kishore Topic 1: Adult CI-CI in partial Deafness with focus on Adult implantation Dr. Shankar Medikeri Topic 2: SSD Dr. Renu Rajguru Topic 3: ANSD Dr. Chandan Saha Topic 4: Preserving Residual Hearing Dr. Rajeev Kapila	Audiology- Rehabilitation, Combined Sessions Panel on "Children with Complex needs" Speaker: Talk for 5 minutes followed by discussion Chair: Dr. Deepa Valame, Dr. Navneet Gupta Moderator: Dr. Aparna Nandurkar Topic 1: How early can you pick up pervasive language disorders (PLD)? Ms. Jeena Vinay Joy Topic 2: Assessment (Hearing & Communication) of children with complex needs Prof. Asha Yathiraj Topic 3: Global Developmental Delay (GDD) & Its effects on Hearing Loss Dr. Leo De Raeve Topic 4: Challenges in Rehabilitation in multiple handicaps ? mainstream schools Ms. Anuradha Bantwal Topic 5: Assessing Hidden Disability in a baby Ms. Manashi Sarmah	
Hall (A) 12:45 pm to 01:45 pm	Hall (B) 12:30 pm to 01:30 pm	Hall (C) 12:30 pm to 01:30 pm
Round Table on "CI in Otosclerosis" Chair : Dr. Amit Kumar Moderator: Dr. Amitabh Roy Choudhry Speakers : Dr. Sharafuddin Dr. T. Krishna Kishore, Dr. Shantanu panja Dr. Subba Rayudu Dr. Rakesh Kumar	Audiology, Invited Talk (15 minutes) Chair : Mr. Raja Pandian, Mr. Dattatreya Madiraju Topic 1: Application of Front-End Processing in CI Mr. Prem Ranjan Topic 2: Benefits of Front-End Processing in CI Performance Dr. Chandan Saha Topic 3: Benefits of wireless accessories in improving listening skills in CI Ms . Neelu Somani Topic 4: Establishing screening centres and integration with hearing rehab program Dr. Prawin Kumar	Rehabilitation, Invited Talk (15 minutes) Chair : Ms Jaspal Chaudhary Topic 1: Promoting natural language & speech in children with CI Dr. Banumathy N Topic 2: Identifying & dealing with problem behaviours in children with CI Ms. Amritha Lakshmi S Nath Topic 3: Therapy for Bilateral CI- simulations & sequential Ms. Usha M Topic 4: Pros & Cons of Tele-Rehabilitation Ms. Vahishtai Daboo
01:30 pm to 02:15 pm		
Lunch		
Hall (A) 02:15 pm to 03:15 pm		
CIGICON 2024		
Quiz Master - Dr. Ashima Saxena, Mr. Karan Vasnani		
Judge - Dr. Arun Alexander		
Hall (A) 03:15 pm to 04:15 pm		
Valedictory Function		



Hall D

Day-1 Friday 30th August Time : 2pm to 4pm **Oral Paper Rehabilitation**

S. no	Name	Title	Category
1.	Dr. Anuradha Sharma	Knowledge related to child sexual abuse amongst the children with cochlear implants	Rehabilitation
2.	Mrs Manashi Sarmah	A comparative study of classroom and academic performance of cochlear implant recipients and normal hearing children in mainstream educational settings	Rehabilitation
3.	Dr. Noorain Alam	Higher Levels of Abnormal Behaviours and Parental Stress in Cochlear Implant Recipients	Rehabilitation
4.	Mrs. Roshani Mishra	Evaluation of acoustic voice measures and its clinical implications in the rehabilitation of pediatric cochlear implant users	Rehabilitation
5.	Mrs. S Shweta Deshpande	Development of a mobile-based auditory training application in marathi language for children using hearing devices	Rehabilitation
6.	Mr. Himanshu Verma	Impact of Prosody Training in Combination with Articulatory-Kinematic Training to Facilitate Speech Naturalness in Paediatric Cochlear Implant Users	Rehabilitation
7.	Vandna Bhardwaj	Early intervention-starting early starting right	Rehabilitation
8.	Mr. Rupesh Kumar	Exploring the Academic Performance of Children with Cochlear Implants in Mainstream Schools: Insights from the Indian Context	Rehabilitation
9.	Mr. Nagabathula Vikas	Analyzing stress levels in mothers of children with cochlear implants	Rehabilitation

Oral Poster Rehabilitation

S no	Name	Title	Category
10.	Ms. Simran Mohanty	Parental expectation and outcome in early versus late cochlear implantees: a preliminary investigation	Rehabilitation

S.No	Name	Title	Category
1.	Ms. Asvitha	Application of Transtympanic Electrically Evoked Auditory Brainstem Response (TT-EABR) in cochlear and nerve anomalies	Audiology
2.	Ms. Banumathi	White matter diffused lesions and cochlear implant outcomes in children	Audiology
3.	Dr. Jawahar Antony P	Measured thresholds for setting the lower stimulation levels in a model recipient "A case report	Audiology
4.	Dr. Megha Sharath	Multi-electrode Sequential Stimulation in eliciting Electrically Evoked Stapedial Reflex in Paediatric Cochlear Implant Users	Audiology
5.	Dr. Niraj Kumar Singh	Positive n1 in bc-ovemp: a unique phenomenon in children with cochlear implantation	Audiology
6.	Dr. Nitin K Damam	Vestibular stimulation in young cochlear implant recipients using cervical vestibular evoked myogenic potential	Audiology
7.	Mr. Pachaiappan C	Long term impedance measurements in subjects with cochlear implant	Audiology
8.	Mr. Saravanan P	Electrically evoked late latency responses using single electrode stimulation and its relation to speech perception among paediatric cochlear implant users	Audiology

S No	Name	Title	Category
1.	Dr. Arpana Shekhar	Cochlear implantation in Usher Syndrome	Surgery
2.	Dr. Subba Rayudu Yarlagadda	Feasibility of round window exploration in normal and abnormal anatomy for structure preservation in cochlear implant surgery – our experience	Surgery
3.	Dr. Prem Sagar	Vestibular function alteration following cochlear implantation: evaluation of effect of surgery and continued usage of cochlear implant	Surgery
4.	Dr. Roohie Singh	A comparative study to assess effect of electrode insertion route on otolith function in pediatric cochlear implantation: standard cochleostomy approach (sca) versus round window approach (rwa)	Surgery
5.	Dr. Jaimanti Bakshi	Encountering difficulties during and after cochlear implantation in challenged cases - our experience	Surgery
6.	Dr. Janardhan Rao Jagini	CSF Gusher in Mondini & its association with Enlarged Cochlear Aperture	Surgery
7.	Dr. Pradipta Kumar Parida	Cochlear implant in malformed cochlea-Our experience	Surgery
8.	Dr. Renu Rajguru	Cerebrospinal Fluid Leak During Cochlear Implant Surgery: Preoperative assessment and intraoperative management.	Surgery

Day-2 Saturday 31st August Time : 1:00pm-2:45pm

Oral Poster Surgery

9.	Dr.Roopak Vaidhyswaran	A case of meningitis following cochlear implantation as a dreaded complication	Surgery
10.	Dr. Lakshmi Shantharam	How to manage exposed Cochlear Implants - A case series	Surgery
11.	Dr. Basharat Nadeem	Learning Intricacies of Cochlear Implant Surgery through Temporal Bone Dissection	Surgery

Day-2 Saturday 31st August Time : 3:30pm-5:30pm

Oral Paper Audiology

S. No	Name	Title	Category
1.	Dr Anuradha	Unveiling the Hidden Costs : Long-Term Maintenance of Cochlear Implants in India	Audiology
2.	Prof. Asha Yathiraj	Vestibular findings in children using cochlear implants compared to children using hearing aids	Audiology
3.	Dr. Geetha C	Assessment of listening effort real-life outcome auditory working memory and attention in school-going children with cochlear implantation	Audiology
4.	Mr. Nehasish Prathihari	Positive outcomes of bonebridge implantation in adults with single-sided deafness: a questionnaire-based study	Audiology
5.	Dr. Niraj Kumar Singh	Beyond hearing: vestibular function as a possible contributor of outcome diversity in young ci users	Audiology
6.	Mr. Pachiappan C	Monitoring the resonance property of the middle ear with wideband tympanometry in cochlear implantees	Audiology
7.	Mrs. Punam Kumari	Audiological management and rehabilitative outcomes in children with normal cochlear anatomy vs cochlear malformations- a comparative study	Audiology
8.	Ms. Pragnya Bharadwaj	Factors effecting hearing preservation post cochlear implantation	Audiology
9.	Mr. Saravanan P	Effect of pulse width on the electrically evoked compound action potentials in paediatric cochlear implant users	Audiology
10.	Dr. Shivani Arora	Comparison of Neural Response Telemetry in perimodiolar Vs. Lateral wall electrode	Audiology
11.	Dr. Vijaya	Auditory temporal processing in pediatric cochlear implant users and normal hearing peers - a comparative study	Audiology

Day-3 Sunday 01st September Time : 8am to 10am

Oral Paper Surgery

Sl No	Name	Title	Category
1.	Dr. Anandhan Dhanasingh.	Applications of visualizing cochlear basal turn in cochlear implantation.	Surgery
2.	Dr. Rahul Bansal	The impact of residual hearing on cochlear implant outcomes in paediatric population	Surgery
3.	Dr. Sachin K Damam	Cochlear implantation in subtotal petrosectomy: our experience in 348 cases in surgical management & outcomes.	Surgery
4.	Dr. Stuti Chowdhary	Residual hearing following cochlear implantation: an observational study	Surgery

Day-3 Sunday 01st September Time : 8am to 10am Oral Paper Surgery

5.	Dr. Sheelia Ouseph	Transcanal approach for cochlear implantation: essential modifications in conventional technique	Surgery
6.	Dr. Kapil Soni	Surgical planning of bonebridge bci 602 using otoplan and outcomes evaluation in individuals with congenital outer and middle ear malformations: our initial experience	Surgery
7.	Dr. Suresh Kumar	Overview and current status of the cochlear implanted beneficiaries under tamil nadu state government chief minister comprehensive health insurance scheme	Surgery
8.	Dr. Rabindra Pradhananga	Clinical Evaluation of the Bonebridge Implant in Congenital ear anomalies: Objective and Subjective Outcomes	Surgery
9.	Dr. Nazrin Hameed	Subtotal petrosectomy: an essential armamentarium in cochlear implant surgery.	Surgery
10.	Dr. Pankhuri Mittal	Implementing universal newborn hearing screening program: navigating challenges gaining wisdom	Surgery
11.	Dr. Parul Dipta	A cadaveric study analysing the position of round window niche with respect to middle ear structures during posterior tympanotomy approach	Surgery

Oral Poster Surgery

S NO	Name	Title	Category
12.	Dr Suraj Pillai	Clinico epidemiological profile of children who underwent cochlear implant at a tertiary care centre in north east India	Surgery
13.	Dr. Asha B A	Biofilm and cochlear implants - our experience.	Surgery

Day-3 Saturday 01st September Time : 10am to 11:15am Oral Paper Audiology

Sl No	Name	Title	Category
1.	Ms. Aditi N Oswal	Profiling the characteristics of electrically evoked auditory brainstem response (eabr) in auditory brainstem implant recipients	Audiology
2.	Ms. Godumala Shivaranjani	Profiling long term auditory outcomes of children with auditory brainstem implant.	Audiology
3.	Mr. Gunjan Mehta	Evaluating the Correlation Between Electrical T-Level and Psychoacoustic Hearing Thresholds in Cochlear Implant Mapping	Audiology
4.	Mr. Jay Rami	Longitudinal Analysis of Neural Response Telemetry and Electro Impedance in Cochlear Implant Recipients	Audiology
5.	Mr. Rudresh Sharma	Aural/oral performance in children with bimodal stimulation or unilateral cochlear implant in quiet and noisy situation	Audiology
6.	Dr. Uttam Kumar	Predictive Model for Linguistic and Cognitive Outcomes in Cochlear-Implanted Children with Sensorineural Hearing Loss Using Functional Brain Data	Audiology

Oral Poster Audiology

7.	Dr. Parag Shrivastava	Pediatric Cochlear Implantation outcomes in Inner Ear and Cochlear Nerve Anomalies	Audiology
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E-POSTER

Day-1, Friday, 30th August 2024

1.	Dr. Renu Rajguru	A study of Paediatric Cochlear Implantation Outcomes in terms of Parental Expectations and Experience.	Surgery
2.	Dr. SUBBA RAYUDU YARLAGADDA	Managing High Jugular Bulb in Pediatric Cochlear Implant Surgery: A Case Study	Surgery
3.	Ms. Asvitha	Tone and speech evoked ESRT in individuals with cochlear implants	Audiology
4.	Ms. Deepika Jayachanan	ASSESSING COMPREHENSIVE SATISFACTION WITH ADHEAR IN DOWN'S SYNDROME (DS) PATIENTS WITH BILATERAL CONDUCTIVE HEARING LOSS.	Audiology
5.	Mr. G Siva G	PRELIMINARY STUDY ON VESTIBULAR DYSFUNCTION IN PEDIATRIC COCHLEAR IMPLANT USERS IN BANGLADESH USING CRANIOCORPOGRAPHY	Audiology
6.	Mr. MOHAMMED ELIYAS	EXPLORING CORTICAL POTENTIALS WITH SPEECH OUTCOMES IN POST LINGUAL SIMULTANEOUS BILATERAL COCHLEAR IMPLANTATION - AN INSTITUTIONAL REVIEW	Audiology
7.	Mr. Mahesh Kumar	Hybrid cochlear implant promising option for sloping hearing loss.	Audiology
8.	Mr. Pachaiappan C	PARENTAL KNOWLEDGE AND UNDERSTANDING OF CARE AND MAINTENANCE OF COCHLEAR IMPLANT DEVICE IN HEARING IMPAIRED POPULATION	Audiology
9.	Mr. Dibyendu Das	SPEECH PERCEPTION IN AUDIO AND AUDIO-VISUAL MODE AMONG EARLY AND LATE COCHLEAR IMPLANT USERS	Audiology
10.	Mr. Saravaran P	STAPEDIUS REFLEX MEASUREMENTS WITH SOUND FIELD STIMULATION IN CHILDREN USING MED-EL COCHLEAR IMPLANT	Audiology
11.	Mr. Pachaiappan C	CONVERSATION SUCCESS IN ONE-TO-ONE AND GROUP CONVERSATION A GROUP CONCEPT MAPPING STUDY OF ADULTS WITH HEARING LOSS AND COCHLEAR IMPLANTS	Rehabilitation
12.	Mr.Raja Suman	PARENTAL UNDERSTANDING AND ATTITUDES OF COCHLEAR IMPLANTS AND ITS IMPACT ON THE COCHLEAR IMPLANT OUTCOMES AND CHALLENGES OF PARENTS OF CHILDREN WITH COCHLEAR IMPLANTS	Rehabilitation
13.	Mr. Shiva Ganeshan	EVALUATING THE MED-EL FAMILY CURRICULUMS ROLE IN ENHANCING COCHLEAR IMPLANT REHABILITATION	Rehabilitation

E-POSTER

Day-3, Sunday, 01st September 2024

Sl No	Name	Title	Category
1.	Dr. Anandhan Dhanasingh	Systematic literature review on electrode insertion depth and hearing outcomes	Surgery
2.	Dr. Suhaima PS	IMPLANTATION DERMOID : A RARE COMPLICATION POST COCHLEAR IMPLANTATION	Surgery
3.	Dr. Himanshu Soni	Cochlear Implant in a Case of Optic Atrophy Plus Syndrome with Auditory Neuropathy	Surgery
4.	Dr. Himanshu Soni	Cochlear Implant in Roger Syndrome	Surgery
5.	Dr. Nazreen Hamid	Cochlear implantation by veria technique in abnormal cochlea	Surgery
6.	Dr. Rakshita	Audiological profiling in neonates born to pre eclampsia and gestational I diabetes mellitus mothers in a tertiary care center	Surgery
7.	Mr. Nagabathula Vikas	COCHLEAR IMPLANT OUTCOMES IN POST-TRAUMATIC LABYRINTHITIS OSSIFICANS: A CASE ANALYSIS	Audiology
8.	Ms. Nirupama S	DIFFERENTIAL EXPLORATION OF COGNITIVE ADVANCES IN COCHLEAR IMPLANT RECIPIENTS:PRE-LINGUAL VERSUS POST-LINGUAL PERSPECTIVES	Audiology
9.	Dr. Nitin K Damam	FIRST MAP BE THE LAST MAP ? A CASE STUDY SHOWCASING ACHIEVABLE SINGLE BEST MAP	Audiology
10.	Ms. Nirupama S	Artificial intelligence advancements in cochlear implant recipient care: a systematic review of recent trends in preoperative assessment and postoperative management	Audiology
11.	Mr. S. Mahesh Kumar	ENHANCED SPEECH PERCEPTION AND SOCIAL COMMUNICATION WITH CI632 COMBINED WITH BIMODAL SOLUTION :A CASE STUDY	Audiology
12.	Mr. Sam Jose	DOES CORTICAL AUDITORY-EVOKED POTENTIALS USING SPEECH STIMULI DIFFER AMONG EARLY AND LATE COCHLEAR IMPLANTEES	Audiology
13.	Dr. Dhanya Mohan	Auditory and Speech Outcomes post Cochlear implantation in Brainstem Encephalitis- A Single Case Study	Audiology
14.	Ms. Shreya Shivaramakrishna	THE EFFECTS OF BEHIND-THE-EAR AND OFF-THE-EAR SOUND PROCESSORS ON SPEECH UNDERSTANDING PERFORMANCE IN COCHLEAR IMPLANT USERS	Audiology
15.	Ms. Sithara	Navigating Cochlear Implantation in the Elderly: A Case Report	Audiology
16.	Ms. Vigneshwari Velusamy	COMPARING M LEVEL OF OBJECTIVE COCHLEAR IMPLANT TESTS BY ACOUSTIC STIMULUS EVOKED ESRT	Audiology



Abbott

In URTIs – Pharyngitis,
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Extended-spectrum.^{1‡} First time success.



Higher tissue penetration vs. Azithromycin^{5,6}



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Proven bioequivalence to 250 mg BID dosing⁷

DOSE: 500 mg OD 7-14 DAYS*



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*Claribid OD 500 Prescribing Information, Version 2.0. †Infection resolution. Assure results is based on the guideline-recommendation and clinical evidences.

URTI: Upper respiratory tract infection. BID: Twice-daily. OD: Once-daily.

References: 1. Shulman ST, Bisto AL, Clegg HW. Clinical practice guideline for the diagnosis and management of group A streptococcal pharyngitis: 2012 update by the Infectious Diseases Society of America. *Clin Infect Dis*. 2012;55(10):e86-102. 2. Hoban DJ, Nauta J. Clinical and bacteriological impact of clarithromycin in Streptococcal Pharyngitis: findings from a meta-analysis of clinical trials. *Drug Des Devel Ther*. 2019;13:3551-3558. 3. Hoban DJ, Nauta J. Clarithromycin versus amoxicillin alone or with clavulanic acid in acute maxillary sinusitis: a meta-analysis of clinical trials. *Open Forum Infect Dis*. 2021;13:1-9k. Davidson RJ. In vitro activity and pharmacodynamic/ pharmacokinetic parameters of clarithromycin and azithromycin: why they matter in the treatment of respiratory tract infections. *Chest*. 2010;135:965-968. 4. Margaritis VC, Tomalis GS, Ntzakis SS, et al. Sinus fluid penetration of oral clarithromycin and azithromycin in patients with acute rhinosinusitis. *Am J Rhinol*. 2007;21(5):574-578. 5. Metzler K, DeLac K, Bloudek JM. Minimal inhibitors and mutant prevention concentrations of azithromycin, clarithromycin, and erythromycin for clinical isolates of Streptococcus pneumoniae. *J Antimicrob Chemother*. 2013;68(2):631-635. 7. Data on file.

GENERIC NAME: Clarithromycin Extended-Release Tablets USP 500 mg **BRAND NAME:** CLARIBID OD 500 **QUALITATIVE AND QUANTITATIVE COMPOSITION:** Each extended-release film coated tablet contains: Clarithromycin 17.500 mg Excipients as Colour: Ferric Oxide USP NF Yellow **THERAPEUTIC INDICATIONS:** Indicated in the treatment of lower respiratory tract infections, upper respiratory tract infections and skin & soft tissue infections. **PHARMACOLOGY AND METHOD OF ADMINISTRATION:** Adults: The usual recommended dosage of clarithromycin MR tablets in adults and children 12 years of age or older is 500 mg once-daily with food. In more severe infections, the dosage may be increased to 1000 mg once-daily (2 x 500 mg). The usual duration of therapy is 5 to 14 days, excluding treatment of community acquired pneumonia and sinusitis which require 6 to 14 days therapy. **Adverse Reactions:** In the treatment of idiopathic infections, the usual dosage of clarithromycin MR is one 500 mg tablet once daily for 5 days. Do not crush or chew clarithromycin Extended-release tablets. **Renal Impairment:** In patients with severe renal impairment (creatinine clearance less than 30 mL/min), the usual recommended dose is 250 mg once daily. Because the Extended-release tablet cannot be split, instead immediate-release tablets should be used. In more severe infections, the recommended dose is one 500 mg extended-release tablet once daily. No dose adjustment is required for patients with moderate renal impairment (creatinine clearance 30 to 60 mL/min). **Paediatric population:** The use of clarithromycin MR has not been studied in children less than 12 years of age. **CONTRAINDICATIONS:** Hypersensitivity to macrolide antibiotic drugs or any of the excipients. Concomitant administration of clarithromycin and any of the following drugs is contraindicated: 1. tetracycline, clarithromycin, and cardiac arrhythmias including ventricular tachycardia, ventricular fibrillation, and torsades de pointes. 2. Concomitant administration of clarithromycin and ergot alkaloids (e.g., ergotamine or dihydroergotamine) is contraindicated, as this may result in ergot toxicity. 3. Concomitant administration of clarithromycin and oral midazolam is contraindicated. 4. Clarithromycin should not be given to patients with history of QT prolongation (congenital or drug-induced) or ventricular cardiac arrhythmia, including anti S. Clarithromycin should not be given to patients with hypokalemia (risk of prolongation of QT-int). 5. Clarithromycin should not be used in patients who suffer from severe hepatic failure in combination with renal impairment. 7. Clarithromycin should not be used concomitantly with HMG-CoA reductase inhibitors (statins) that are extensively metabolized by CYP3A4 (lovastatin or simvastatin), due to the increased risk of myopathy, including rhabdomyolysis. 8. Clarithromycin (and other strong CYP3A4 inhibitors) should not be used concomitantly with colchicine. 9. Concomitant administration with ticagrelor or prasugrel is contraindicated. Concomitant administration of clarithromycin and lomitapide is contraindicated. **SPECIAL WARNINGS AND PRECAUTIONS FOR USE:** Clarithromycin is principally excreted by the liver and kidney. Caution should be exercised in administering this antibiotic to patients with impaired hepatic and renal function. Long-term use may, as with other antibiotics, result in colonization with increased numbers of non-susceptible bacteria and fungi. If superinfections occur, appropriate therapy should be instituted. **Colchicine:** There have been post-marketing reports of colchicine toxicity with concomitant use of clarithromycin and colchicine, including in the elderly, some of which occurred in patients with renal insufficiency. **Cardiovascular Events:** Prolonged cardiac repolarization and QT interval, impairing a risk of developing cardiac arrhythmia and torsades de pointes, have been seen in treatment with macrolides including clarithromycin. Therefore, as the following situations may lead to an increased risk for ventricular arrhythmias (including torsades de pointes), clarithromycin should be used with caution in the following patients: **HMG-CoA Reductase Inhibitors (statins):** Concomitant use of clarithromycin with lovastatin or simvastatin is contraindicated. Caution should be exercised when prescribing clarithromycin with other **oral Hypoglycemic Agents/Insulin:** The concomitant use of clarithromycin and oral hypoglycemic agents (such as sulfonylureas) and/or insulin can result in significant hypoglycemia. Careful monitoring of glucose is recommended. **Oral Anticoagulants:** There is a risk of serious hemorrhage and significant elevations in INR and prothrombin time when clarithromycin is co-administered with warfarin. INR and prothrombin times should be frequently monitored while patients are receiving clarithromycin and oral anticoagulants concurrently. **Excipients:** Clarithromycin Extended-release and Extended Release Tablets contain lactose. Patients with rare hereditary problems of galactose intolerance, the Lapp lactase deficiency or glucose-galactose malabsorption should not take these. **PREGNANCY AND LACTATION/Pregnancy:** The safety of clarithromycin for use during pregnancy has not been established. Based on variable results obtained from animal studies and experience in humans, the possibility of adverse effects on embryofetal development cannot be excluded. **Breastfeeding:** The safety of clarithromycin for use during breast-feeding of infants has not been established. Clarithromycin is excreted into human breast milk in small amounts. **ADVERSE EFFECTS:** Clarithromycin is generally well tolerated. Side effects include nausea, dyspepsia, diarrhoea, vomiting, abdominal pain and parosmia. Stomatitis, glossitis, oral monilia and tongue discoloration have also been reported. Other side-effects include headache, arthralgia, myalgia and allergic reactions ranging from urticaria, mild skin eruptions and angioedema to anaphylaxis and rarely Stevens-Johnson syndrome / toxic epidermal necrolysis. There have been reports of transient central nervous system side-effects including dizziness, vertigo, anxiety, insomnia, bad dreams, confusion, disorientation, hallucinations, psychosis and depression/anxiety. As with other macrolides, QT prolongation, ventricular tachycardia and Torsade de Pointes have been rarely reported with clarithromycin. **ISSUED ON SOURCE:** Prepared based on all prescribing information, Version No. Version: 10, dated 21st December 2022 TM. * Trademark of the Abbott Group of Companies.

Antimicrobial resistance (AMR) occurs when bacteria, viruses, fungi and parasites change over time and no longer respond to medicines, causing antibiotics and other antimicrobial medicines to become ineffective.^{1‡} Rational antibiotic use (antibiotic stewardship), surveillance for emerging antimicrobial resistance, and strict adherence to infection prevention measures are considered appropriate actions to resist the development of AMR.
1. WHO. Antimicrobial Resistance. Available from: <https://www.who.int/news-room/fact-sheets/detail/antimicrobial-resistance>. Jun. 25, 2021. 2. WHO. About AMR. Available from: <https://www.who.int/en/health-topics/disease-prevention/antimicrobial-resistance/about-amr>. Accessed on Jun. 25, 2021. 3. Uchil R, Kohli GS, Katakshya VM, et al. Strategies to Combat Antimicrobial Resistance. *J Clin Diagn Res*. 2014;8(7):ME01-ME04.

†Registered trademark of Abbott Laboratories.

For full prescribing information, please contact:

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21st National Conference of The Cochlear Implant Group of India

Theme : Starting Early, Starting Right

Organised by : Department of ENT AIIMS Patna in association with AOI Bihar Jharkhand

29th August, 2024 - 01st September, 2024 Venue : **AIIMS Patna**

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