AYJNISSHJ D JOURNAL OF COCHLEAR IMPLANT

CONTENTS

FROM DIRECTOR’S DESK
Ashok Kumar Sinha, Director, AYJNISSH(D), Mumbai

ARTICLES

1. Cochlear Implantation under ADIP Scheme (Revised 2014)
Aparna Nandurkar, Lecturer (Sp. &Hg.). Deptt. of Audiology, AYJNISSH(D), Mumbai

8. Issues in the Cochlear Implant Programme in India
Asha Yathiraj, Professor of Audiology AIISH, Mysuru, Karnataka

12. Parental Perception of Auditory Behavior in Children with Cochlear Implant under ADIP Scheme
Himanshu Kumar, Lecturer (Sp.&Hg.), Eastern Regional Centre, AYJNISSH(D), Kolkata

20. Internal Magnet Displacement in cochlear Implant Surgery: Our Experience
Kirtane, Milind: Consultant ENT Surgeon, Department of ENT P.D.Hinduja National Hospital & Medical Research Centre, Mumbai
AYJNISHD - JOURNAL OF COCHLEAR IMPLANTS

HONORARY CHAIRMAN- EDITORIAL BOARD

- Dr Milind Kirtane, Consultant ENT Surgeon, Department of ENT, P D Hinduja National Hospital and Medical Research Centre, Mumbai, India.

CHAIRMAN

- Dr A K Sinha, Director, AYJNISHD(D), Mumbai

EDITOR

- Rajeev Jalvi, Reader & HOD / Audiology, AYJNISHD(D), Mumbai

EDITORIAL BOARD MEMBERS

- Dr Kamal Parasram, Honorary ENT Surgeon, AYJNISHD(D), Mumbai
- Dr N P Nataraja, Director, JSS Institute of Speech & Hearing, Mysuru, Karnataka
- Dr. B. Rajshekhar, Dean, School of Allied Health Sciences, Manipal University
- Dr Asha Yathiraj, Professor of Audiology, AIISH, Mysuru, Karnataka
- Dr Christopher de Souza, ENT and CI Surgeon, Holy Family Hospital, Mumbai,
- Dr S P Dubey, Consultant ENT Surgeon, Divya Advanced ENT Clinic, Bhopal, MP
- Dr Milind Navlakhe, Associate Professor, Deptt. of ENT, B Y L Nair Charitable Hospital, Mumbai,
- Dr Varsha Gathoo, Reader & HOD/Education, AYJNISHD(D), Mumbai
- Mrs Anjali Kant, Reader & HOD/Speech Language Pathology, AYJNISHD(D), Mumbai
AIMS AND SCOPE OF AYJNIHH- JOURNAL OF COCHLEAR IMPLANTS

It is great pleasure to inform that there has been increased awareness of using cochlear implants throughout the country. One of the major contribution for this rise is 'the implementation of the ADIP scheme' of Ministry of Social Justice and Empowerment, Department of Empowerment of Person with Disabilities (Divyangjan) Government of India by Ali Yavar Jung National Institute of Speech and Hearing Disabilities (Divyangjan), Mumbai. Under ADIP- a flagship scheme, children with hearing impairment, below 5 years of age, from lower socio-economic group, on fulfillment of specific criteria are provided cochlear implants and post implant rehabilitation free of cost. With the increase in the number of cochlear implantees, there has been a focus on academic and scientific research related to the use of cochlear implants. In view of this, the institute has decided to publish an annual journal on cochlear implants. The first inaugural issue of AYJNIHH- Journal of Cochlear Implants Journal is released on 9th August, 2017, on the occasion of the 34th Annual Day of AYJNISHD, (D).

AYJNIHH-Journal of Cochlear Implants is designed to provide an update on research conducted by professionals of various disciplines which are involved in and related to various aspects of cochlear implants. In order to cover broader contributions and readership from all over country and abroad, it is decided to invite articles pertaining to clinical studies, clinical reports and scientific contributions from the various disciplines experts represented in cochlear implant teams.

Publication of AYJNIHH-Journal of Cochlear Implants is an attempt to focus and encourage the active research pursuits and interests of the professionals of the aforementioned disciplines. Looking forward active contribution of the various professionals including senior authors and stalwarts from the field to make AYJNIHH-Journal of Cochlear Implants a resource of knowledge.

Subscription Rates:

Price for personal - Rs.100/- per copy
Price for institutional - Rs. 200/- per copy
GUIDELINES FOR INVITING ARTICLES

UNDERTAKING BY AUTHORS

We, the undersigned, give an undertaking to the following effect with regard to our article entitled "submitted for publication in the AYJNIHH-Journal on Cochlear implants:

1. The article mentioned above has not been published or submitted to or accepted for publication in any form, in any other journal.
2. We also vouchsafe that the authorship of this article will not be contested by anyone whose name(s) is/are listed by us here.
3. INVe declare that INVe contributed significantly towards the research study i.e., (a) conception, design and/or analysis and interpretation of data and to (b) drafting the article or revising it critically for important intellectual content and on (c) final approval of the version to be published.
4. I../We hereby acknowledge AYJNIHH-Journal of Cochlear Implants conflict of interest policy requirement to scrupulously avoid direct and indirect conflicts of interest and, accordingly, hereby agree to promptly inform the editor or editor's designee of any business, commercial, or other proprietary support, relationships, or interests that INVe may have which related directly or indirectly to the subject of the work.
5. INVe also agree to the authorship of the article in the following sequence:

Authors' Name (in sequence)  Signature of Authors
1. ------------------------
2. ------------------------

Important

(i) All the authors are required to sign independently in this form in the sequence given above. In case an author has left the institution/country and whose whereabouts are not known, the senior author may sign on his/her behalf taking the responsibility.
(ii) No addition/deletion/or any change in the sequence of the authorship will be permissible at a later stage, without valid reasons and permission of the Editor.
(iii) If the authorship is contested at any stage, the article will be either returned or will not be processed for publication till the issue is solved.

UNDERTAKING BY AUTHORS

This document must be signed by all authors and submitted with the manuscript.

COPYRIGHT TRANSFER AGREEMENT

The AYJNIHH-Journal on Cochlear Implants (AJCI) is published annually by the Ali Yavar Jung National Institute of Speech and Hearing Disabilities. (Divyangjan), K.C.Marg, Bandra Reclamation, Bandra(West), Mumbai-400050.

The AJCI and authors hereby agree as follows: In consideration of AJCI reviewing and editing the following described work for first publication on an exclusive basis:

Title of manuscript: ----------------------------------------------

The undersigned author(s) hereby assigns, conveys, and otherwise transfers all rights, title, interest, and copyright ownership of said work for publication. Work includes the material submitted for publication and any other related material submitted to AJCI. In the event that AJCI does not publish said work. The author(s) will be so notified and all rights assigned hereunder will revert to the author(s).

The assignment of rights to AJCI includes but is not expressly limited to rights to edit, publish, reproduce, distribute copies, include in indexes or search databases in print, electronic, or other media, whether or not in use at the time of execution of this agreement, and claim copyright in said work throughout the world for the full duration of the copyright and any renewals or extensions thereof.

All accepted works become the property of AJCI and may not be published elsewhere without prior written permission for AJCI. The author(s) hereby represents and warrants that they are sole author(s) of the work, that all authors have participated in and agree with the content and conclusions of the work, that the work is original, and does not infringe upon any copyright, propriety, or personal right of any third party, and that no part of it nor any work based on substantially similar data has been submitted to another publication.

Authors' Name (in sequence) Signature of Authors
1. ------------------------
2. ------------------------

Online Manuscript Submission Check List
1. Covering letter and Title page should be submitted as single file in First page file.
2. Abstract & Key words with main article should be submitted as article file.
3. Tables and Figures should be submitted as Images.
4. Scanned images of Undertaking and Copyright Transfer Agreement Form duly signed by all authors should be submitted as single file.
FROM DIRECTOR’S DESK

Best wishes and greetings from AYJNISHD (D), Mumbai!

Ali Yavar Jung National Institute of Speech and Hearing Disabilities, (Divyangjan), Mumbai is an autonomous body under the administrative control of Department of Empowerment of Persons with Disabilities, Ministry of Social Justice and Empowerment, Govt. of India, working for the rehabilitation of the persons with speech and hearing disabilities. Manpower Development and providing clinical services in the area of speech and hearing, education and vocational training are the major objectives of this institute. As you all are aware, the institute is delivering services for the last 33 years. During these years, institute has achieved various milestones both on National and International level. In this regard, the institute has achieved a new milestone by bringing out its first issue of annual journal titled "AYJNIHH-Journal of Communication Disorders” in the year 2016. This journal is dedicated to all the pioneers working in the areas of speech and hearing rehabilitation.

AYJNIHD (D) is a nodal agency to implement the programme of cochlear implantation under revised 2014 ADIP scheme. I am happy to inform you that till date a total of 880 surgeries have been successfully done by various empanelled hospitals under ADIP-CI scheme. AYJNIHAV (D) through its empanelled hospitals/professionals is providing post operative rehabilitation in different parts of country. There are no journals available in India focusing on "Cochlear Implant". Hence, a need has been felt to publish the journal. However, for achieving this objective, cooperation and support is required from the eminent persons who are working in the area of cochlear implant and rehabilitation for years together.

It has given me immense pleasure to present the first inaugural issue of AYJNIHH-Journal of Cochlear Implants on 9th August, 2017, the 34th Foundation Day of the Institute. This journal will provide a platform for all the professionals working in the area of speech and hearing and education of persons with hearing disability to present their research work and share valuable experience which will not only be useful to professionals and students but will act as reference of knowledge in the field of cochlear implants.

With best wishes and regards,

(Dr A K Sinha)
Director, A YJNIHSVD(D)
CONTENTS

23. My Experience with Digisonic SP Implant Study of 316 Patients.
   Satya Prakash Dubey, Editor in Chief. Indian Journal of Otolaryngology and Head & Neck Surgery Director. Divya Advanced ENT Clinic, Bhopal (M. P.),

27. Cochlear Implantation in both ears.
   Christopher de Souza, ENT and CI Surgeon, Holy Family Hospital, Mumbai

31. Use of ICF based tools in the assessment of communicative performance, and select domains under activity limitation and participation restriction in cochlear implantees and age matched normal hearing peers.
   Anjali Kant, Reader & Head, Deptt. of Speech Language Pathology, AYJNISHD(D), Mumbai

Guidelines for publishing articles.