**Final Annual Report - 2020-21**

**Journal Club and Clinical Conference presentations**

In order to enhance the clinical and research acumen of the students, the institute conducts Journal clubs and Clinical conferences on communication disorders under the guidance and supervision of the Faculty members. They provide ample opportunities for the students to participate and apply critical analytical skills in both clinical care and research.

A total of 17 scientific papers published in the international peer-reviewed journals on communication and its disorders were discussed during the journal clubs held during the reporting year 2020-21. Among these 8 were carried forward from the last academic year due to the unforeseen COVID-19 related lockdown whereas the remaining 9 belonged to the current academic year. All of these were presented using the virtual (web-based) mode. The details of the Journal Club presentations discussed during the reporting year are given in Table 1.

Table 1: Journal club presentations

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl No | Date | Scientific paper | Guide | Presenters |
|  | 18.06.2020 | Saters, T. L., Ribeiro, V. V., Siqueira, L. T. D., Marotti, B. D., Brasolotto, A. G. & Silverio, K. C. A. (2017). The voiced oral high-frequency oscillation technique’s immediate effect on individuals with dysphonic and normal voices, *Journal of Voice,* 32 (4), 449 – 458. | Dr. R. Rajasudhakar | Ms. Gayathri, Ms. Ashiyath Anshaba, Ms. Veda and Ms. Rushali Thakar |
|  | 22.06.2020 | Saters, T. L., Ribeiro, V. V., Siqueira, L. T. D., Marotti, B. D., Brasolotto, A. G. & Silverio, K. C. A. (2017). The voiced oral high-frequency oscillation technique’s immediate effect on individuals with dysphonic and normal voices, *Journal of Voice,* 32 (4), 449 – 458. | Dr. SP Goshwami | Ms. Kavitha, Mr. Biraj Bhattarai and Ms.Priyanka N |
|  | 23.06.2020 | Kikidis, D., Vardonikolaki, A., Zachou, Z., Razou, A., Pantos, P., &Bibas, A. (2020). ABR findings in musicians with normal audiogram and otoacoustic emissions: evidence of cochlear synaptopathy?. Hearing, Balance and Communication, 18(1), 36-45. | Dr. Animesh Barman | Mr. Aman Kumar, Ms. Apoorvaprathibha K.S, Mr.Dilli Raj Paudel, Mr. Freddy Jose |
|  | 24.06.2020 | Xiong, B., Liu, Z., Liu, Q., Peng, Y., Wu, H., Lin, Y., Zhao, X., & Sun, W. (2019). Missed Hearing Loss in Tinnitus Patients with Normal Audiograms. *Hearing Research*, 384. Doi: 10.1016/j.heares.2019.107826. | Dr. Chandni Jain | Mridul Prateek, Muthu Karthik, Kruthika S., Praveen Prakash |
|  | 26.06.2020 | Tang, X., Huang, Q., Chen, L., Liu, P., Feng, T., Ou, Y., & Zheng, Y. (2019). Clinical findings in patients with persistent positional nystagmus: the designation of “heavy and light cupula”. Frontiers in *Neurology*, *10*, 326. doi: 10.3389/fneur.2019.00326. | Dr. Niraj Kumar Singh | Ms. Prakruti, Ms. Tasneem, Mr. Ashish, & Mr. Abhishek  |
|  | 29.06.2020 | You, L., Wang, Y., Chen, W., Zhang, S., Rao, J., Liu, L., & Shan, C. (2019). The Effectiveness of Action Observation Therapy Based on Mirror Neuron Theory in Chinese Patients with Apraxia of Speech after Stroke. *European neurology*, *81*(5-6), 278-286. | Dr. Abhishek B.P. | Ms. S. Amritha Varshini, Ms.Zainab Ismail, Mr.Bandhan Kumar Pradhan |
|  | 01.07.2020 | Northam, G., Adler, S., Eschmann, K., Chong, W., Cowan, F., & Baldeweg, T. (2018). Developmental conduction aphasia after neonatal stroke. *Annals of Neurology*, *83*(4), 664-675. https://doi.org/10.1002/ana.25218. | Dr. Jayashree C. Shanbal | Ms. Ashiya Shaima, Ms. Mansi Karnad, Mr. Jeevan R S and Mr. Madhusudhan B M |
|  | 02.07.2020 | Gilmore, N., Ross, K., &Kiran, S. (2019). The intensive cognitive-communication rehabilitation program for young adults with acquired brain injury. *American journal of speech-language pathology*, *28*(1S), 341-358. | Dr. Jayashree C. Shanbal | Ms. Joanna KB, Ms.Anima Goyal, Ms.Kusuma M and Ms.Christabel J |
|  | 21.01.2021 | Antonetti, A. E. D., Vitor, J. D., Guzman, M., Calvache, C., Brasolotto, A. G., Silverio, K. C., A. (2021). Efficacy of a Semi-Occluded Vocal Tract Exercises-Therapeutic Program in Behavioral Dysphonia: A Randomized and Blinded Clinical Trial. Journal of Voice. Doi: https://doi.org/10.1016/j.jvoice.2020.12.008. | Dr. M Santosh | Ms. Aiswarya Sooraj, Mr. Akash C, Ms. Alfiya Khaleel PP, and Mr. Amit Shaw |
|  | 22.01.2021 | Richtig, G., Berger, M., Lange-Asschenfeldt, B., Aberer, W., & Richtig, E. (2018). Problems and challenges of predatory journals. *Journal of the European Academy of Dermatology and Venereology : JEADV*, *32*(9), 1441–1449.  | Dr. Sujeet Kumar Sinha | Mr. Abdul Bahis, Ms. Adya Parmar, Mr. Amar P Ashaq, and Ms. Aradhana Raul |
|  | 28.01.2021 | Gladfelter, A., & VanZuiden, C. (2020). The influence of language context on repetitive speech use in children with Autism Spectrum Disorder. American Journal of Speech Language Pathology, 29, 327-334.doi: https://doi.org/10.1044/2019\_AJSLP-19-00003 | Dr. Priya M. B. | Ms. Aswathy P.B., Ms. Ayisha Nazir K, Ms. Arzoo Shariff, and Ms. Audrey Joyner D Souza |
|  | 29.01.2021 | Dunn, C. C., Stangl, E., Oleson, J. Smith, M. Chipara, O., Wu, Y.H. (2021). The influence of forced social isolation on the auditory ecology and psychosocial functions of listeners with cochlear implants during COVID-19 mitigation efforts*. Ear and Hearing,* 42(1), 20-28. | Dr. Prawin Kumar & Ms. Spoorthi T. | Mr. Ashiq A Raham, Mr. Ashish Kumar, Ms. Banumathi and Ms. Bhuvaneshwari, R. |
|  | 05.02.2021 | Kılınç, H. E., Arslan, S. S.,    Demir, N., and Karaduman, A. (2020). The effects of different exercise trainings on suprahyoid muscle activation, tongue pressure force and dysphagia limit in healthy subjects. Dysphagia, 35, 717-724. | Dr. Swapna N. | Ms. Bhavani Venkatachalam, Ms. C N Hithaishini, Ms. Chandana S, and Ms. Chheda Yasha |
|  | 12.02.2021 | Lenarz, T., Buechner, A., Lesinski-Schiedat, A., Timm, M., & Salcher, R. (2020). Hearing preservation with a new atraumatic lateral wall electrode. Otology & Neurotology, 41(8), e993-e1003. | Dr. Manjula P. | Ms. Brunda L. Raj, Ms. G. K. Jayasree, Ms. Gayathri K., and Ms. Gowthami B. N. |
|  | 19.02.2021 | Aghadoost, S., Jalaie, S., Khatoonabadi, A. R., Dabirmoghaddam, P., & Khoddami, S. M. (2020). A study of vocal facilitating techniques compared to manual circumlaryngeal therapy in teachers with muscle tension dysphonia. *Journal of Voice*, 34(6), 963, e11-e21.  | Dr. Rajasudhakar R. | Ms. Darshita K., Ms. Darsitha S. Alias Sneha S., Ms. Delvin Devassia, Ms. Devika Vijayan |
|  | 25.02.2021 | Valente, M., Oeding, K., Brockmeye A., Smith, S. Kallogjeri, D. (2018). Differences in word and phoneme recognition in quiet, sentence recognition in noise, and subjective outcomes between manufacturer first-fit and hearing aids programmed to NAL-NL2 using real-ear measures. Journal of the American Academy of Audiology, 29, 706-721. | Dr. Ajith Kumar U. | Ms. Gurpreet Kaur, Ms. Harshada Mali, Ms. J. Chinnarasu, and Ms. Malavika P. |
|  | 26.02.2021 | Lucchini, E., Maccarini, A. R., Bissoni, E., Borragan, M., Agudo, M., González, M. J., Romizi, V., Schindler, A., Behlau, M., Murry, T., & Borragan, A. (2018). Voice Improvement in Patients with Functional Dysphonia Treated with the Proprioceptive-Elastic (PROEL) Method. *Journal of Voice*, 32 (2), 209-215. | Dr. Rajasudhakar R. | Ms. Erica Mavis, Ms. Gopika Vinod, Ms. Haripriya T, and Mr. Guru Vignesh AK |

The clinical findings of a select-band of 14 clinical conditions who availed clinical services at the Institute were discussed during the Clinical Conferences. Among these 2 were carried forward from the last academic year due to the unforeseen COVID-19 related lockdown whereas the remaining 12 belonged to the current academic year. All these were presented using the virtual (web-based) mode. The details of the clinical cases presented in the Clinical Conferences is shown in Table 2.

Table 2: Clinical Conference presentations

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl No. | Date | Clinical condition | Guide | Presenters |
|  | 16.06.2020 | Broca’s Aphasia | Dr. Abhishek B. P. | Siri Vandana, T. Liktha, and S. Sushmitha |
|  | 17.06.2020 | Johanson Blizzard Syndrome | Dr. K.Yeshoda | Ms.Bhoomika, Ms.Preethi Elizabeth Jennison, and Ms.Silpa Baiju |
|  | 24.09.2021 | Reverse sloping hearing loss | Dr. Chandni Jain & Dr. Sharath Kumar | Mr. Ahnaf Ahmed, Mr. Ajay Krishnan, Ms. Anannya Sooraj, and Ms. Aneesha George |
|  | 01.10.2020 | Holistic assessment and management of Cluttering | Dr. Sangeetha Mahesh | Ms. Anu Pawar, Ms. Arena Varan Mathur, Ms. Arunima O.G., and Mr. Ashish K. Ashok |
|  | 08.10.2020 | Tele-assessment in the field of Audiology | Dr. Prashanth Prabhu P.& Dr. Nisha K. V. | Mr. Ashish kumar Gupta, Ms. Aslin, Mr. Chandan H. J., and Mr. Chaithanyanayaka M. |
|  | 15.10.2020 | Mild Cognitive Impairment | Dr. Abhishek B.P. | Ms. Christa Susan Joseph, Ms. Fathima Gansa, Ms. Fathima Hanna K., and Ms. Fathima Mehjabin |
|  | 22.10.2020 | The variables influencing ear canal volume estimates and the role of equivalent ear canal volume in understanding the pathophysiology of middle ear | Dr. Sandeep M. &Dr. Sharath Kumar S. | Ms. Ganavi A., Mr. Gunashekar S, Ms.Hani Sulthana, and Ms. Harshinee Krupanand |
|  | 29.10.2020 | Early identification of hearing loss with associated problems, need for early rehabilitation and telerehabilitation | Dr. N. Devi | Ms. Havya Sree M., Mr. Hemanth Kumar, Ms. J.S. Gowri, and Ms. Ines Parvin |
|  | 05.11.2020 | The role of ASLP in intervention and management of cerebral palsy | Dr. Yeshoda K. | Ms. Jilda Sulthana, Mr. Joe Mathew, Ms. Jyoti Ram, and Ms. Krishna Prabha |
|  | 12.11.2020 | Cerebellopontine Angle tumor | Dr. Sandeep M. &Dr. Sharath Kumar K. S. | Ms. Lakshmi, Ms. Lopamudra Bhardwaj, Ms. Maitri S., andMs. Majisha M. |
|  | 19.11.2020 | Idiopathic sudden sensorineural hearing loss | Dr**.** Sreeraj K | Ms. Meera S., Ms. Meghna D., Ms. Minha Nazer V. P., and Mr. Muhammed Mudassir  |
|  | 04.01.2021 | Auditory maturation delay | Dr.Animesh Barman | Ms. N. Chandana, Ms. Neethu Jyothis, Ms. Neha Shafeek, and Mr. Nischay Mahima Patel |
|  | 11.02.2021 | Developmental speech sound disorder secondary to repaired cleft of palate with hypernasality | Dr. Priya M. B. | Ms. Nuha Haleema, Ms. P. U. Supraja, Ms. Pallavi R. Suvarna, and Mr. Persis John |
|  | 18.02.2021 | Spoken language disorder secondary to developmental delay | Dr. Abhishek B.P. & Ms. Shamashree | Ms. Pooja S., Ms. Rashmi V., Ms. Ridha Fameen, and Ms. Rinsha Parvin K. |

 Dr. Niraj Kumar Singh

Reader in Audiology & JC-CC Co-ordinator