Information Management in Speech, Language and Hearing

**Unit 1 - Assignment1**

**Summary of my research interest:**

There are various areas in speech and hearing field that are yet to be researched and my interest of area is to carry out a research over aerodynamics studies of speech production, since respiration is one of the major sub-system of speech its characteristics features are helpful in analyzing the speech output. For this area of research we can study all the communication disorders features more briefly comparing with the typical, so I’m choosing this area for my scientific research.

One of my proposal: “*Establishing accurate measurement of estimated sub-glottic pressure”*

To measure the accurate “Estimated Subglottic Pressure” using the oral pressure approach in typically developing children for both research and clinical purposes.

**Scientific Journals from among the AIISH subscriptions:**

1. Journal of AIISH, AIISH, Vol 1 (1982) to Vol 35 (2016)
2. American Journal of Speech Language Pathology, ASHA, Vol 1 (1992) to Vol 26 (2017)
3. Clinical Linguistics and Phonetics, Taylor & Francis, Vol 1 (1987) to Vol 31 (2017)
4. International Journal of Speech Language Pathology, Taylor & Francis, Vol 1 (1973) to Vol 19 (2017)
5. Journal of Phonetics, Elsevier, Vol 23 (1995) to Vol 62 (2017)
6. Journal of Voice, Elsevier, Vol 1 (1987) to Vol 31 (2017)

**Books available with AIISH L&IC:**

1. Borden, G. J., & Harris, K. S. (2003). Speech Science Primer. 4th Edition, Philadelphia. Lippincott, William & Wilkins.
2. Daniloff. R. S., Gordon & Lawrence, (1980). The Physiology of Speech & Hearing: An Introduction. New Jersey,  Prentice-Hall Inc.
3. Kent, R. D., & Read, C. (2002). The Acoustic Analysis of Speech. New York, Delmar Learning.
4. Mac Neilage, P F. (1983). The Production of Speech. NY, Springer – Verlag.
5. Fucci, D. J., & Lass, N. J. (1999). Fundamental of Speech Sciences. Boston, Allyn & Bacon.
6. Fry, D. D. (1979). The Physics of Speech. New Delhi. Cambridge University Press.
7. Ryalls, J., & Behrans, S. (2000). Introduction to Speech Sciences - From Basic Theories to Clinical Applications. Boston, Allyn & Bacon.
8. Hewlett, N., & Beck, J. M. (2006). An Introduction to the Science of Phonetics. New Jersey,  Lawrence Erlbaum Associates Publishers.
9. Pickett, J. M. (1999). The Acoustics of Speech Communication: Fundamentals, Speech Perception Theory & Technology. Boston, Allyn & Bacon.
10. Titze, I. R. (1994). Principles of Voice Production. New Jersy, Prentice – Hall Inc.

**PG dissertations:**

1. Norms for forced and slow vital capacity in adult Dravidian population Annapurna S B, Sreedevi N, 2009, DIS 694
2. Aerodynamic Parameters Across Age Groups, Jotinder, Nataraja NP, 1994, DIS 281
3. **Normative Data On Aerodynamic Parameters In Normal Adults, Rajiv P, Nataraja NP, 1995, DIS 313**
4. A Pre and Post-Surgical Comparison of Acoustic, Aerodynamic and Perceptual Analysis of Voice in Patients with Vocal Fold Polyp, Arya G, Rajasudhakar R, 2012, DIS 893
5. **Aerodynamic Measures in Children in the Age Range of 8 to 12 Years, Avinash K, Gopi Kishore, 2013, DIS 960**

**ARF Projects:**

1. Effect of Palatal lift prosthesis on laryngeal aerodynamic and voice quality in sub-mucous cleft palate, Navya A, Gopi Kishore and Pushpavathi M, 2012
2. Laryngeal aerodynamics measures in normal adults, Gopi Kishore , Pushpavathi M and Sheela S, 2012

**Publishers of the AIISH subscribed e-journals:**

|  |  |  |
| --- | --- | --- |
| Sl.no | Title | Publisher |
| 1 | Acta Otolaryngologica | Informahealtcare    |
| 2 | American Journal of Audiology | American Speech-Language-Hearing Association       |
| 3 | American Journal of Speech Language Pathology | American Speech-Language-Hearing Association       |
| 4 | Audiology and Neurotology | S. Karger |
| 5 | Augmentative and Alternative Communication | Informahealtcare   |
| 6 | Brain and Language | Elsevier |
| 7 | British Journal of Audiology | Informahealtcare   |
| 8 | Clinical Linguistics and Phonetics | Informahealtcare   |
| 9 | Folia Phoniatrica et Logopaedica |  S. Karger |
| 10 | Hearing Research | Elsevier |
| 11 | International Journal of Audiology | Informahealtcare |
| 12 | Journal of Communication Disorders | Elsevier |
| 13 | Journal of Fluency Disorders | Elsevier |
| 14 | Journal of Intellectual and Developmental Disability | Informahealthcare |
| 15 | Journal of Neurolinguistics | Elsevier                                          |
| 16 | Journal of Phonetics | Elsevier |
| 17 | Journal of Speech Language and Hearing Research | American Speech-Language-Hearing Association       |
| 18 | Journal of Voice | Elsevier |
| 19 | Language Speech and Hearing Services in Schools | American Speech-Language-Hearing Association       |
| 20 | Logopedics Phoiatrica Vocology | Informahealtcare   |
| 21 | Perspectives on Administration and Supervision | ASHA/Division Publications |
| 22 | Perspectives on Augmentative and Alternative Communication | ASHA/Division Publications |
| 23 | Perspectives on Aural Rehabilitation and Its Instrumentation | ASHA/Division Publications |
| 24 | Perspectives on Communication Disorders and Sciences in Culturally and Linguistically Diverse (CLD) Populations | ASHA/Division Publications |
| 25 | Perspectives on Fluency and Fluency Disorders | ASHA/Division Publications |
| 26 | Perspectives on Hearing and Hearing Disorders in Childhood | ASHA/Division Publications |
| 27 | Perspectives on Hearing and Hearing Disorders: Research and Diagnostics | ASHA/Division Publications |
| 28 | Perspectives on Neurophysiology and Neurogenic Speech and Language Disorders | ASHA/Division Publications |
| 29 | Perspectives on Speech Science and Orofacial Disorders | ASHA/Division Publications |
| 30 | Perspectives on Swallowing and Swallowing Disorders (Dysphagia) | ASHA/Division Publications |
| 31 | Perspectives on Voice and Voice Disorders | ASHA/Division Publications |
| 32 | Phonetica | S. Karger |
| 33 | Seminars in Hearing | Thieme |
| 34 | Seminars in Speech and Language | Thieme |
| 35 | Speech Communication | Elsevier |

Submitted By: Sumanth P (I MSc SLP)