Unit -1 Assignment

Faculty: Shijith Kumar Submitted by: Rose Leema Kujur

1. Write a summary of your research interests (*not more than 200 words*) and list out the specific  information resources pertaining to the area of research as given below.

**A STUDY ON PATTERNS OF COMPENSATORY ARTICULATION ERRORS WITH REFERENCE TO AGE OF SURGERY IN CHILDREN WITH REPAIRED CLEFT LIP AND PALATE.**

**Cleft Lip and Palate:-**A Congenital fissure in the root Of the mouth, resting from Incomplete fusion of the palate during embryonic development. it may involve only the uvula or extend through the entire palate. Also called as “Palatoschisis”.

In children with cleft lip and palate there is no separation between the nasal cavity and the oral cavity. As it is a structural abnormality there is a air leakage from nasal cavity .By which they tend to learn compensatory patterns in their articulation during development.’’Stoel-Gummon and Dunn 1985’’ stated that the children with cleft lip palate has compensatory errors as glottal stops , mid-dorsum palatal stops, or both. The cleft palate child who uses compensatory articulation faces a difficult task, in learning oral-motor patterns, with incorporation of more anterior place features.in order to reduce the risk of automating use of compensatory place feature ,palatal repair , as early as judged surgically possible, has been advocated by speech and language pathologist. In spite of method differences, the findings of most studies are fairly consistent and suggest that children who receive early palatal repair demonstrate better overall speech than their peers who receive surgery at later age (McWilliams ,et al,1990). There is also an evidence to suggest that children who receive late palatal surgery are at greater risk for developing atypical patterns (Dorf and curtain , 1982,1990;O’Gara and Longemann,19). The atypical patterns of articulation noted in children with cleft palate have been previously described by other authors (T.Rost,1981; Mc Williams et al,1990)and include glottal stop ,pharyngeal stops or fricatives, velar stops or fricatives, posterior nasal fricatives, and mid-dorsum palatal stops.

1. Any five scientific journals from among the AIISH subscriptions  (*Name of the journal, publisher,  i.e. From V. No. 1 (1) Year to V. ...., Year....* )

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| S. No | Name of the Journal | Publisher | Volume No. | Issue No. | Year |
| 1. | The cleft palate craniofacial Journal | American cleft palate-Craniofacial Association | 54 | 1 | 2017 |
| 2. | Dysphagia(Spinger link) | Springer International Publishing AG. | 32 | 1,2 | Feb 2017-April 2017 |
| 3. | American Journal of speech language pathology | American speech- language- hearing-association | 12 | Pg:103-109 | Feb 2003 |
| 4. | American Journal of Medical Genetics | John Wiley& sons, | 75 | 2 | Jan 1998 |
| 5. | American Journal of Epidemiology | 2017 Oxford University Press. | 168 | 6 | 15 September  2008 |

1. Any 10 books available in AIISH L & IC:

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| S.No | Name of the Book | Author | Year | Publisher | Accession No. |
| 1. | Communiative disorders related to cleft and palate | Bzoch,K | 1979 | Boston, Little Brown Co. | 6488 |
| 2. | Cleft Lip and Palate: Surgical, Dental, and Speech aspects. | Grabb,William C. | 1971 | Little, Brown and Company,  New york | 6485 |
| ss3. | Cleft lip and palate: Interdisciplinary Issues and Treatment. | Karlind, M. & Leslie, G. | 2009 | Texas, Pro Ed | 19750,  19751 |
| 4. | Cleft Palate and Craniofacial Anomalies | Kummer, A. W. | 2008 | Canada, Singular Publishing. | 15560,  18288, |
| 5. | Cleft Palate and speech | Morley, Muriel E. | 1979 | Churchill Livingstone | 475,  1230 |
| 6. | Analysing Cleft Palate Speech | Grunwell, P. | 1993 | Lodon, Whurr Publishers. | 10202,  10761 |
| 7. | Speech Therapy in Cleft Palate and Velopharyngeal Dysfunction. | Ginette, P | 2014 | Guildford, J& R press Ltd. | 19675,  19676 |
| 8. | Cleft lip and Palate: Perspectives in Management Vol.II | Berkowitz.S | 1996 | San Diego, London, Singular Publishing Group Inc. | 11346,  11347 |
| 9. | Cleft Palate and Communication. | Spristersbach, D. | 1968 | New York, Academic Presss. | 402 |
| 10. | Cleft Palate: The Nature of Remediation of Communication Problems. | Stenglphofen, J. (Ed) | 1993 | London, Whurr Publishers. | 10223 |

c.Any 5 PG dissertations:

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| S.no | Title | Author | Guide | Year | Accession No. |
| 1. | Associated problems in children with cleft lip and palate: A Retrospective study | Ravi Kumar | Pushpavathi,M. | 2007 | 604 |
| 2. | Development of articulation drill book gor cleft palate population in Hindi | Barkha Kumari | Pushpavathi,M. | 2012 | 894 |
| 3. | Protocol for the assessment of speech in individuals with cleft lip and palate | Teena,P | Pushpavathi,M. | 2007 | 610 |
| 4. | Few objective measurements of quality of voices in cleft lip individuals | Ashok Kumar Biswas | Venkatesh,CS | 1991 | 212 |
| 5. | Some acoustics aspects and speech of cleft palate | Vasanthi,A | Savithri,SR | 1999 | 425 |

d. Any 2 ARF projects:

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| S.No | Title of the Reports | Investigators | Year | Accession No. |
| 1. | Development and standardization of a Questionaire for early Identification of Psychosocial Issues in children with cleft lip and palate | Amrita Kanchan, Venkatesan,S., Pushpavathi,M. and Yashodhara Kumar | 2011-2012 | DP 63 |
| 2. | Effect of velopharyngeal port closure on voice characteristics in Individuals with Repaired cleft palate | Gopi Kishore Pebbili and Deepa Anand | 2012-2013 | DP 95 |

2. Critically evaluate the following information resources pertaining to communication disorders:

a. Encyclopedia of Communication Disorders

b. Status Disability of India, 2012.

**a.Encyclopedia of Communication Disorders**:

Edited by Raymond D.Kent (professor of communication disorders at the university of Wisconsin ,madison).

The MIT Encyclopedia of Communication Disorders (MITECD) is a comprehensive volume that presents essential information on communication sciences and disorders. The pertinent disorders are those that a¤ect the production and comprehension of spoken language and include especially disorders of speech production and perception, language expression, language comprehension,voice, and hearing. Potential readers include clinical practitioners, students, and research specialists. Relatively few comprehensive books of similar design and purpose exist, so MITECD stands nearly alone as a resource for anyone interested in the broad field of communication disorders.

MITECD is organized into the four broad categories of Voice, Speech, Language, and Hearing. These categories represent the spectrum of topics that usually fall under the rubric of communication disorders (also known as speech-language pathology and audiology, among other names). It is to be expected that the Encyclopedia would include cross-referencing within and across these four major categories. In designing the content and structure of MITECD, it was decided that each of these major categories should be further subdivided into Basic Science, Disorders (nature and assessment), and Clinical Management (intervention issues

Because the approach to communicative disorders can be quite different for children and adults, a further cross-cutting division was made such that for many topics separate chapters for children and adults are included. Although some disorders that are first diagnosed in childhood may persist in some form throughout adulthood (e.g, stuttering, specific language impairment, and hearing loss may be lifelong conditions for some individuals), many disorders can have an onset either in childhood or in adulthood and the timing of onset can have implications for both assessment and intervention. This book can be helpful for all students and professional in the field of speech language pathology and Audiology.

1. **Status of Disability in India, 2012** : published by the Rehabilitation council of india (department of disability affairs under ministry of social justice & empowerment ,govt.of india).



Of Social Justice The Rehabilitation & Empowerment Council of India, a statutory body under the Department of Disability Affairs, Ministry field of rehabilitation is mandated to standardize, regulate and monitor the training programmes in the special education from and special education. The Council brings out publications in the field of rehabilitation . The Council has recently brought out a comprehensive book entitled “Status of Disability in India. disabilities latest information, data and statistics on the status of disability in India covering all the major like Autism, Cerebral Patsy, Hearing Impairment, Mental Retardationl , Locomotor Illness, Visual Impairment, Impairment, Spinal Injuries, etc.. This document is published by RCI for every five years approximately. the recent documentation was in 2012. Definition, cause, associated problems, early intervention, modes of therapeutic approaches, regional service deliveries and current census and research related information is described.. Introduction to various disability, Status of disability- current trends and developments including research in disability areas , policies and legislation, are discussed. Technology impacts and how to use such technology for enhancing better life for the person with the disability in the country. It also gives insight into the areas of early intervention, education, vocational training, employment, human resource development technology, research and development.. UNCRPD united nations convention on rights of person with disabilities highlighting needs and human rights for the disabled. right for education, sarva shiksha abhiyan ,inclusive education and legislations such as PWD,RCI,NTA MHA are certain legislation bodies striving for the enhancing quality of life for the disabled population. It would be a very useful reference book for professionals, researchers, from libraries, the Universities, Council etc.

3. Name the publishers of the AIISH subscribed e-journals journals ( *Title of the journal, Name of the  Publisher*).

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| **S. No.** | **Title of the Journal** | **Name of the publisher** | **Year** |
| 1. | Acta Oto-laryngologica | Taylor & Francis Online | 1918 |
| 2. | Advances in Autism | Emerald Publishing | 2016 |
| 3. | Aging, Neuropsychology and Cognition | Taylor & Francis Online | 1997 |
| 4. | American Annals of Deaf | Gallaudet University Press | 1980 |
| 5. | American Journal of Audiology | ASHA wire | 1991 |
| 6. | America Journal of Speech Language Pathology | ASHA wire | 1991 |
| 7. | Annals of Dyslexia | Springer Link | 1997 |
| 8. | Aphasiology | Taylor & Francis Online | 1997 |
| 9. | Applied Acoustics | Elsevier - Science Direct | 2017 |
| 10. | Applied Psycholinguistics | Cambridge Core University Press | 1999 |
| 11. | Archives of Otolaryngology Head and Neck Surgery | AMA Publications | 1998 |
| 12. | Audiology and Neuro-Otology | Karger AG Publishers | 1996 |
| 13. | Augmentative and Alternative Communication | Taylor & Francis Online | 1985 |
| 14. | Autism: The International Journal of Research and Practice | SAGE Publications | 1999 |
| 15. | Autism Research | John Wiley & Sons | 2010 |
| 16. | Bilingualism: Language and Cognition | Cambridge Core University Press | 1998 |
| 17. | Brain and Language | Elsevier - Science Direct | 1974 |
| 18. | Canadian Journal of Linguistics | Cambridge Core University Press | 2017 |
| 19. | Child Language Teaching and Therapy | SAGE Publications | 1997 |
| 20. | Cleft and Craniofacial Journal | American Cleft Palate – Craniofacial Association | 1990 |
| 21. | Clinical Linguistics and Phonetics | Taylor & Francis Online | 1987 |
| 22. | Cochlear Implants International | Taylor & Francis Online | 2000 |
| 23. | Communication Disorders Quarterly | SAGE Publications | 1998 |
| 24. | Cortex | Elsevier - Science Direct | 2007 |
| 25. | Deafness and Education | Taylor & Francis Online | 1999 |
| 26. | Dementia | SAGE Publications | 2002 |
| 27. | Dyslexia | John Wiley & Sons | 2010 |
| 28. | Dysphagia | Springer Link | 1997 |
| 29. | Ear and Hearing | Lippincott Williams & Wilkins, Ovid – Wolters Kluwer | 1980 |
| 30. | Evidence Based Communication Assessment and Intervention | Taylor & Francis Online | 2007 |
| 31. | Exceptional Children | SAGE Publications | 2001 |
| 32. | Focus on Autism and Other Developmental Disabilities | SAGE Publications | 1999 |
| 33. | Folia Phoniatrica | Karger AG Publishers | 1949 |
| 34. | Gesture | Ingenta Connect | 2011 |
| 35. | Hearing Balance and Communication (Audiological Medicine) | Taylor & Francis Online | 1997 |
| 36. | Hearing Journal | Lippincott Williams & Wilkins, Ovid – Wolters Kluwer | 1994 |
| 37. | Hearing Research | Elsevier - Science Direct | 2010 |
| 38. | International Journal of Applied Linguistics | John Wiley & Sons | 2016 |
| 39. | International Journal of Audiology | Taylor & Francis Online | 1962 |
| 40. | International Journal of Bilingual Education and Bilingualism | Taylor & Francis Online | 1998 |
| 41. | International Journal of Bilingualism | SAGE Publications | 1997 |
| 42. | International Journal of Language and Communication Disorders | John Wiley & Sons | 1997 |
| 43. | International Journal of Pediatric Otorhinolaryngology | Elsevier - Science Direct | 2007 |
| 44. | International Journal of Speech Language and the Law (formerly Forensic Linguistics) | Equinox Publishing Limited | 1998 |
| 45. | International Journal of Speech Language Pathology | Taylor & Francis Online | 1997 |
| 46. | International Journal of Speech Technology | Springer Link | 1989 |
| 47. | Journal of Applied Research in Intellectual Disabilities | John Wiley & Sons | 2010 |
| 48. | Journal of Autism and Developmental Disorders | Springer Link | 1997 |
| 49. | Journal of Child Language | Cambridge Core University Press | 1997 |
| 50. | Journal of Child Psychology and Psychiatry | John Wiley & Sons | 2010 |
| 51. | Journal of Cleft Lip Palate and Craniofacial Anomalies | Wolters Kluwer - Medknow | 2016 |
| 52. | Journal of Cognition and Development | Taylor & Francis Online | 2000 |
| 53. | Journal of Cognitive Neuroscience | Massachusetts Institute of Technology Press | 1989 |
| 54. | Journal of Communication Disorders | Elsevier - Science Direct | 1967 |
| 55. | Journal of Early Intervention | SAGE Publications | 1999 |
| 56. | Journal of Fluency Disorders | Elsevier - Science Direct | 1974 |
| 57. | Journal of Indian Academy of Applied Psychology | Indian Academy of Applied Psychology | 2015 |
| 58. | Journal of Indian Speech and Hearing Association | Wolters Kluwer - Medknow | 2016 |
| 59. | Journal of Intellectual and Developmental Disability | Taylor & Francis Online | 1976 |
| 60. | Journal of Interactional Research in Communication Disorders | Equinox Publishing Limited | 2010 |
| 61. | Journal of Laryngology and Otology | Cambridge Core University Press | 1887 |
| 62. | Journal of Laryngology and Voice | Wolters Kluwer - Medknow | 2017 |
| 63. | Journal of Learning Disabilities | SAGE Publications | 1999 |
| 64. | Journal of Memory and Language | Elsevier - Science Direct | 2007 |
| 65. | Journal of Neurolinguistics | Elsevier - Science Direct | 1985 |
| 66. | Journal of Phonetics | Elsevier - Science Direct | 1995 |
| 67. | Journal of Pragmatics | Elsevier - Science Direct | 2007 |
| 68. | Journal of Psycholinguistic Research | Springer Link | 1997 |
| 69. | Journal of Special Education | SAGE Publications | 1999 |
| 70. | Journal of Speech Language and Hearing | ASHA wire | 1958 |
| 71. | Journal of the Acoustical Society of America | AIP Publishing LLC | 1930 |
| 72. | Journal of the American Academy of Audiology | Ingenta Connect | 2002 |
| 73. | Journal of the International Phonetic Association | Cambridge Core University Press | 2001 |
| 74. | Journal of Vestibular Research | Meta Press | 2000 |
| 75. | Journal of Voice | Elsevier - Science Direct | 1987 |
| 76. | Laboratory Phonology | De Gruyter Mouton | 2010 |
| 77. | Language Acquisition | Taylor & Francis Online | 2014 |
| 78. | Language and Cognition and Neuroscience (formerly Language and Cognitive Processes) | Taylor & Francis Online | 1997 |
| 79. | Language and Communication | Elsevier - Science Direct | 2007 |
| 80. | Language and Speech | SAGE Publications | 1999 |
| 81. | Language Learning | John Wiley & Sons | 2006 |
| 82. | Language Sciences | Elsevier - Science Direct | 2007 |
| 83. | Language Speech and Hearing Services in Schools | ASHA wire | 1970 |
| 84. | Laryngoscope | ASHA wire | 1997 |
| 85. | Learning Disability in Quarterly | SAGE Publications | 2010 |
| 86. | Learning Disabilities Research & Practice | John Wiley & Sons | 2000 |
| 87. | Logopedics Phoniatrics Vocology | Taylor & Francis Online | 1991 |
| 88. | Noise & Health | Wolters Kluwer - Medknow | 2015 |
| 89. | Otolaryngologic Clinics of North America | Elsevier - Science Direct | 1998 |
| 90. | Otology and Neurotology | Lippincott Williams & Wilkins, Ovid – Wolters Kluwer | 2001 |
| 91. | Perspectives of the ASHA Special Interest Groups | ASHA wire | 2016 |
| 92. | Phonology | Cambridge Core University Press | 1997 |
| 93. | Reading and Writing | Springer Link | 1997 |
| 94. | Research in Autism Spectrum Disorders | Elsevier - Science Direct | 2007 |
| 95. | Seminars in Hearing | Georg Thieme Verlag KG | 1980 |
| 96. | Seminars in Speech and Language | Georg Thieme Verlag KG | 1984 |
| 97. | Sign Language and Linguistics | Ingenta Connect | 2016 |
| 98. | Speech Communication | Elsevier - Science Direct | 1982 |
| 99. | Speech, Language and Hearing | Taylor & Francis Online | 1996 |
| 100. | The Analysis of Verbal Behavior | Springer Link | 2014 |
| 101. | Topics in Language Disorders | Lippincott Williams & Wilkins, Ovid – Wolters Kluwer | 2001 |
| 102. | Trends in Cognitive Sciences | Elsevier - Science Direct | 2016 |