**Unit 1: Assignment- Vocal Cord Paralysis: an overview**

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Summary:

Vocal cord paralysis (VCP) is caused by paralysis intrinsic muscles of the larynx. This is a symptom of an underlying disorder and not a disease by itself. ( Dr. Balasubramanian,2010). U/l vocal fold paralysis occurs due to dysfunction of recurrent laryngeal or vagus nerve causes a breathy voice. The breathiness of voice is caused by glottis chink which allows air to escape when the patient attempts to speak. Normal voice production is dependent on proper glottal closure resulting from bilateral adduction of the vocal cords. It may be due to lesion anywhere from the cerebral cortex to the neuromuscular junction. Can be of following type:

1. Congenital vocal cord paralysis: Many infants with stridor may have VCP. Most commonly associated with hydrocephalus
2. Acquired vocal cord paralysis: Could be due to malignancy, surgical trauma or idiopathic

Clinical feature: Hoarseness, diplophonia, breathiness, aspiration

Management: At risk of aspiration and breathiness.

Voice therapy:

* Counseling, education vocal hygiene and maximizing posture
* Optimizing medial compression of the vocal folds
* Glottic closure manipulation

Surgical:

* Surgical medialization
* Intracordal injection
* Autologous fat injection

**The list of books:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr, No.** | **Name** | **Author** | **Publish year** | **Access no** |
| 1. | Management of the voice and its disorders | Linda rammage,Murray Morrison, Hamish Nichol | 2001 | 19595 |
| 2. | Voice disorders and their management | Margaret fawcus | 1991 | 09917 |
| 3. | Voice disorders | Christine Sapienza | 2009 | 17811 |
| 4. | The voice and its disorders | Margaret Greene | 1972 | 01877 |
|  |  |  |  |  |
| 5. | Voice therapy | Joseph Stemple | 1993 | 10192 |
| 6. | Voice rehabilitation | Celia Stewart  Irene. Kling  Elizabeth Allen | 2016 | 20466 |
| 7. | Exercises for voice therpay | Alison Behrman  John Haskell | 2013 | 19777 |
| 8. | Voice Therapy and Voice improvement | Walter Schumacher | 1974 | 06554 |
| 9. | The voice and voice therapy | Daniel Boone | 2010 | 18286 |
| 10 | Manual voice treatment | Moya Andrews | 1995 | 11391 |

**The list of journals:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Name of the jounal** | **Publisher** | **Issue no.** | **Volume no.** | **Year** |
| 1. | Journal of voice | Elsevier | 6 issues per volume | 31 | 1987-2017 |
| 2. | Journal of speech hearing language research | ASHA, America | 6 issues per volume | 60 | 1958-2017 |
| 3. | The journal of laryngology and otology | Cambridge press university | 12 issues per | 131 | 1887-2017 |
| 4. | The journal of laryngology and voice | Wolters Kluwer- Medknow | 2 | 5 | 2011-2015 |
| 5. | Otolaryngologic clinics of north america | Elsevier B.V. | 6 | 50 | 1998-2017 |

**Dissertation :**

1. Efficiency of head turn technique in treatment of unilateral vocal cord paralysis: An attempt at evidence based practice: Ram Mohan, G; K Yashodha, 2008; 547

**ARF projects:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name/ tiltle | Investigator | Year | Accession no. |
| Development of audio-video database for communication disorders- assessment of voice disorder | Mr. Gopi Sankar | 2010-2011 | DP41 |

**\*The MIT Encyclopedia of Communication Disorder\***

MITECD is a comprehensive volume that presents essential information on communication sciences and disorders. Its organized into four categories of Voice, Speech, language,Hearing. Each of these category os subdivided into basic sciences, disorder( nature and assessment) and Clinical Management.

Part I- Voice:

Starting with the acoustic assessment and moving to the anatomy of human larynx with covering of the laryngectomees and Assessment tools description. It gives an overview and concise information of disorders and it s management as in functional voice disorders, infectious diseases and hypokinetic as well. It includes the management of surgical way as well as therapeutic way.

Part II- Speech

Areas included under speech are apraxia, dysarthria, Mental retardation, AAC and computer based as well as conventional intervention approaches to all the disorder. Assessment protocols and tools described for the disorders as well. Although not in the extended detail version, the data is collaborative and available under one roof to know at glance of the contents available.

Part III- Language

Language section covers the areas of assessment and diagnosis with management of the disorders including aphasia, Speech language impairment, specific importance is given to intervention of aphaisa and an effort to cover the subtypes of the disorder is also done. Other disorders include right hemisphere disorder, Alzeihmer’s disease.

Part IV- Hearing

Starting with anatomy of ear and covering the till the cochlear implant candidacy and management. It puts light on all the assessment protocol of the tests performed and updated data about the ongoing new strategies and procedures.

So, one could easily search through the content and know about the exic=sting information and later refer to the books and references given under eah chapter for detailed exposure to the topic.

**\*Status of disability in India, 2012\***

It is a project book by Rehabilitation Council of India. It gives a comprehensive overview of policies legislation in practice, with each disorders’ section it throws light on the overall aspects of the disorder starting with early intervention, management in all aspects of their life and a vocational training. The places where it is available in India and the details of the places as well. Not only does it try to tell all the aspects of the counseling section it also incorporates under each section which policies are applicable for the child and could be benefitted by them from the policies.

Disorders covered under these title- are not only communication disorders but also intellectual and loco motor disorders including visual impairment.

It very well tries to compare the status of disabilities in the years behind and the improvement happened till date and critically evaluates the progress with highlighting the sections yet not progressed or still lagging.

It highlights the conditions and increasing prevalence if any, which would give directions of the capacities of the disordered population as an independent adult, as well as those as elderly population and if at all any change in the policies or legislation is needed.

If any state has excelled in the incorporation of the law and given equal opportunities to the disordered, a saluting mention is also given; which clearly shows the necessary to look at the unimplemented states and to find the reasons as well.

**The list of AIISH subscribed journals and the name of publisher:**

|  |  |  |  |
| --- | --- | --- | --- |
| **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 |