**Aging & Senile Dementia**

**Submitted by- Submitted to-**

**Ms. Eliza Baby Mr. Shijith Kumar**

**1 MSc SLP A**

* **Summary**

Biological aging results in part from a failure of body cells to function normally or to produce new body cells to replace those that are dead or malfunctioning. Normal cell function may be lost through infectious disease, malnutrition, exposure to environmental hazards, or genetic influences. Among body cells that exhibit early signs of aging are those that normally cease dividing after reaching maturity. Sociological and psychological theories of aging seek to explain the other influences on aging caused by the environment, engagement, personality, and non-biological influences.

Aging can be normal or pathological (senility). Often senility is associated with other conditions like Senile Dementia.

According to DSM IV, a person with dementia has a memory impairment in addition to any one of the following: aphasia, apraxia, agnosia., or impaired executive functions.

**The diverse expression of pathological aging has resulted in several medical conditions with communication problems and as humans each one of us are aging every minute which in turn requires extensive research towards understanding and managing the outcomes of pathological aging.**

 *JOURNALS*

|  |  |  |  |
| --- | --- | --- | --- |
| Sno. | Name of the Journal | Publisher | Vol. Year & Number |
| 1. | Dementia | SAGE Journals | V. No. 1(1) 2002 to V. No. 16(3) 2017 |
| 2. | Aging, Neuropsychology, and Cognition | Taylor & Francis Online | V. No. 1(1) 1994 to V. No. 24(3) 2017 |
| 3. | Gerontology India | Indian Gerontological Association | V. No. 1(1) 1969 to V. No. 31(1) 2017 |
| 4. | Language& Communication | Elsevier | V. No. 1(1) 1981 to V. No. 53(/) 2017 |
| 5. | Language, Cognition and Neuroscience | Taylor & Francis Online | V. No. 1(1) 1985 to V. No. 32(4) 2017 |

BOOKS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S no. | Title of the Book | Author | Publisher | Year | Number |
| 1. | Dementia A Positive Approach | Lynne Phair & Valerie Good | Whurr | 1995 | 15009 |
| 2. | Dementia and Memory- Handbook for Students & Professionals  | Simon B. N Thompson | Ashgate | 2006 | 14865 |
| 3. | Cognitive Communication Disorders of Dementia | Kathryn Bales,Cheryl Tomoeda | Plural Publishing | 2007 | 15464 |
| 4. | The Dementias- Early Diagnosis and Evaluation | Herholz, Perani,Morris | Taylor & Francis | 2006 | 14225 |
| 5. | ABC of Dementia | Bernard Coope,Felicity Richards | Wiley Blackwell | 2014 | 20266 |
| 6. | Dementia- Comprehensive Principles & Practise | Bradford Dickerson,Alireza Atri | Oxford | 2014 | 20907 |
| 7. | Dementia & Communication | Rosemary Lubinski | Singular Publishing Group | 1995 | 11061 |
| 8. | Neuropathology of Dementing Disorders | Willian R. Markesbery | Arnold | 1998 | 15655 |
| 9. | Mild Cognitive Impairment & Dementia: Definitions, Diagnosis & Treatment | Glenn E. Smith | Oxford | 2013 | 20940 |
| 10. | Dementia with Lewy Bodies & Parkinson’s disease Dementia: Patient, Family, And Clinician working together for the Better Outcome | J. Eric Ahlskog | Oxford | 2014 | 20910 |

PG DISSERTATIONS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sno. | Title | Author | Guide | Year | Accession Number |
| 1. | Acoustic Analysis of Voice in Geriatric Population | Suresh, T. | Nataraja, N.P. | 1991 | 229 |
| 2. | Acoustic and Perceptual Analysis of Speech of the Normal Geriatrics and Dysarthrics | Anjana, R. R | Manjula, R. | 1999 | 388 |
| 3. | Cognitive Linguistic Flexibility and Aging | Vijay Kumar | Prema, K.S. | 2007 | 611 |
| 4. | Cognitive Communicative Functions in Persons with Parkinsons Disease | Pavithra, K | Prema, K.S. | 2016 | 1166 |
| 5. | Cortical Encoding of Speech in Noise | Yashaswini, L. | Mamatha , N.M. | 2013 | 957 |

ARF PROJECTS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S No. | Title | Investigators | Year | Accession Number |
| 1. | Language Performance In Kannada- English Bilingual Dementia | Shyamala, K.C;Soumya Hegde | 2010-11 | Dp no. 51 |
| 2. | Evolution of Voice in Species  | Savithri, S.R.Jayaram, M. | 2005-06 | Dp. No. 7  |

* Critical Evaluation of Information Resources
1. *Encyclopedia of Communication Disorders*

EDITOR: Kent, Raymond D.

TITLE: The MIT Encyclopedia of Communication Disorders

PUBLISHER: MIT Press

YEAR: 2004

Raymond D. Kent's "The MIT Encyclopedia of Communication Disorders “ addresses

the status of the non-ideal speaker-listener and a heterogeneous speech community.

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 is subdivided into basic sciences, disorder( nature and assessment) and Clinical Management.

PART 1- VOICE

It provides brief information about various voice disorders as per their etiology, progression, assessment & management.

It also introduces the reader to the anatomy of larynx before providing an insight into pathological conditions

PART 2- SPEECH

Apraxia, Dysarthria, Mental retardation, AAC and computer based as well as conventional intervention approaches to all the disorder are dealt with in this section. Assessment protocols and tools are described for the disorders as well.

PART 3- LANGUAGE

Aphasia, Speech language impairment, RHD, Alzeihmer’s, specific importance is given to intervention of aphasia and an effort to cover the subtypes of the disorder is also done.

PART 4- 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.

1. *Status of Disability in India, 2012*

A project book by Rehabilitation Council of India. It provides 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. Counselling on all aspects related to the disorder and the rehabiliatation process, it also includes policies that are applicable for the child and and their benefits.

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:**

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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 |