

Balo concentric sclerosis

- 1: Jurkiewicz E, Opyrchał P, Sławińska D, Puzio-Bochen I, Pytlewska A, Roszkowski M, Kotulska K. Magnetic Resonance Characteristics of Baló Concentric Sclerosis in Children. *Pediatr Neurol*. 2021 May 19;121:3-10. doi: 10.1016/j.pediatrneurol.2021.05.008. Epub ahead of print. PMID: 34111620.
- 2: Etemadifar M, Ashourizadeh H, Nouri H, Kargaran PK, Salari M, Rayani M, Aghababae A, Abhari AP. MRI signs of CNS demyelinating diseases. *Mult Scler Relat Disord*. 2021 Jan;47:102665. doi: 10.1016/j.msard.2020.102665. Epub 2020 Dec 4. PMID: 33310421.
- 3: Grasso D, Borreggine C, Castorani G, Vergara D, Dimitri LMC, Catapano D, Simeone A, Popolizio T. Balò's concentric sclerosis in a case of cocaine- levamisole abuse. *SAGE Open Med Case Rep*. 2020 Jul 17;8:2050313x20940532. doi: 10.1177/2050313x20940532. PMID: 32733680; PMCID: PMC7370552.
- 4: Arenas Vargas LE, Bedoya Morales AM, Rincón Carreño C, Espitia Segura OM, Penagos N. Balo's concentric sclerosis: An atypical demyelinating disease in pediatrics. *Mult Scler Relat Disord*. 2020 Sep;44:102198. doi: 10.1016/j.msard.2020.102198. Epub 2020 May 22. PMID: 32531753.
- 5: Lin WS, Kuo MF, Peng SS, Fan PC. Long-term Outcome of Schilder Disease Treated With Interferon- β . *Pediatrics*. 2019 Nov;144(5):e20190505. doi: 10.1542/peds.2019-0505. PMID: 31662417.
- 6: Agarwal M, Ulmer JL, Klein AP, Mark LP. Why Is This Auntminnie a Diagnostic Conundrum?: A Knowledge-Based Approach to Balo's Concentric Sclerosis From Reports of 3 Cases and Pooled Data From 68 Other Patients in the Literature. *Curr Probl Diagn Radiol*. 2019 Jul-Aug;48(4):415-422. doi: 10.1067/j.cpradiol.2017.12.008. Epub 2018 Jan 6. PMID: 29428181.
- 7: Takai Y, Misu T, Nishiyama S, Ono H, Kuroda H, Nakashima I, Saito R, Kanamori M, Sonoda Y, Kumabe T, Mugikura S, Watanabe M, Aoki M, Fujihara K. Hypoxia-like tissue injury and glial response contribute to Balo concentric lesion development. *Neurology*. 2016 Nov 8;87(19):2000-2005. doi: 10.1212/WNL.0000000000003308. Epub 2016 Oct 12. PMID: 27733565; PMCID: PMC5109956.
- 8: Rajakulendran S, Pitceathly RD, Taanman JW, Costello H, Sweeney MG, Woodward CE, Jaunmuktane Z, Holton JL, Jacques TS, Harding BN, Fratter C, Hanna MG, Rahman S. A Clinical, Neuropathological and Genetic Study of Homozygous A467T POLG-Related Mitochondrial Disease. *PLoS One*. 2016 Jan 6;11(1):e0145500. doi: 10.1371/journal.pone.0145500. PMID: 26735972; PMCID: PMC4703200.
- 9: Hardy TA, Beadnall HN, Sutton IJ, Mohamed A, Jonker BP, Buckland ME, Barnett MH. Baló's concentric sclerosis and tumefactive demyelination: a shared immunopathogenesis? *J Neurol Sci*. 2015 Jan 15;348(1-2):279-81. doi: 10.1016/j.jns.2014.11.024. Epub 2014 Nov 25. PMID: 25475150.
- 10: Darke M, Bahador FM, Miller DC, Litofsky NS, Ahsan H. Baló's concentric sclerosis: imaging findings and pathological correlation. *J Radiol Case Rep*. 2013 Jun 1;7(6):1-8. doi: 10.3941/jrcr.v7i6.1251. PMID: 24421937; PMCID: PMC3888114.
- 11: De Benedictis A, Freri E, Rizzi M, Franzini A, Ragona F, Specchio N, Rebessi E, Casazza M, Granata T, Marras CE. Vagus nerve stimulation for drug-resistant Epilepsia Partialis Continua: report of four cases. *Epilepsy Res*. 2013 Nov;107(1-2):163-71. doi: 10.1016/j.epilepsyres.2013.07.010. Epub 2013 Sep 8. PMID: 24074541.
- 12: Duchowny M. Comment to the paper: palliative functional hemispherectomy for treatment of refractory status epilepticus associated with Alpers' disease. *Childs Nerv Syst*. 2011 Aug;27(8):1327-8.

doi: 10.1007/s00381-011-1501-2. Epub 2011 Jun 11. PMID: 21667152.

13: Carter BS. Comment to the paper: Palliative functional hemispherectomy for treatment of refractory status epilepticus associated with Alper's disease. *Childs Nerv Syst.* 2011 Aug;27(8):1325-6. doi: 10.1007/s00381-011-1502-1. Epub 2011 Jun 4. PMID: 21643839.

14: Lupashko S, Malik S, Donahue D, Hernandez A, Perry MS. Palliative functional hemispherectomy for treatment of refractory status epilepticus associated with Alpers' disease. *Childs Nerv Syst.* 2011 Aug;27(8):1321-3. doi: 10.1007/s00381-011-1495-9. Epub 2011 Jun 1. PMID: 21630043.

15: Ergun T, Lakadamyali H. Multiple extradural spinal arachnoid cysts causing diffuse myelomalacia of the spinal cord. *Neurologist.* 2009 Nov;15(6):347-50. doi: 10.1097/NRL.0b013e318194022e. PMID: 19901717.

16: Bacigaluppi S, Polonara G, Zavanone ML, Campanella R, Branca V, Gaini SM, Tredici G, Costa A. Schilder's disease: non-invasive diagnosis? :A case report and review. *Neurol Sci.* 2009 Oct;30(5):421-30. doi: 10.1007/s10072-009-0113-z. Epub 2009 Jul 17. PMID: 19609739.

17: Stavrinou LC, Boviatsis EJ. Medicine is a constant battlefield. *Acta Neurochir (Wien).* 2007 Jun;149(6):639-40. doi: 10.1007/s00701-007-1157-6. PMID: 17530162.

18: Sarkar C, Sharma MC, Deb P, Singh VP, Chandra PS, Gupta A, Tripathi M, Bhatia M, Gaikwad S, Bal CS, Jain S. Neuropathological spectrum of lesions associated with intractable epilepsies: a 10-year experience with a series of 153 resections. *Neurol India.* 2006 Jun;54(2):144-50; discussion 150-1. PMID: 16804257.

19: Obara S, Takeshima H, Awa R, Yonezawa H, Oyoshi T, Nagayama T, Hirano H, Niino M, Kuratsu J. Tumefactive myelinoclastic diffuse sclerosis—case report. *Neurol Med Chir (Tokyo).* 2003 Nov;43(11):563-6. doi: 10.2176/nmc.43.563. PMID: 14705325.

20: Nejat F, Eftekhari B. Decompressive aspiration in myelinoclastic diffuse sclerosis or Schilder disease. Case report. *J Neurosurg.* 2002 Dec;97(6):1447-9. doi: 10.3171/jns.2002.97.6.1447. PMID: 12507147.

21: Ishii K, Oguni H, Hayashi K, Shirakawa S, Itoh Y, Osawa M. Clinical study of catastrophic infantile epilepsy with focal seizures. *Pediatr Neurol.* 2002 Nov;27(5):369-77. doi: 10.1016/s0887-8994(02)00449-6. PMID: 12504205.

22: Kotil K, Kalayci M, Köseoğlu T, Tuğrul A. Myelinoclastic diffuse sclerosis (Schilder's disease): report of a case and review of the literature. *Br J Neurosurg.* 2002 Oct;16(5):516-9. doi: 10.1080/026886902320909187. PMID: 12498501.

23: Flemming K, Ulmer S, Duisberg B, Hahn A, Jansen O. MR spectroscopic findings in a case of Alpers-Huttenlocher syndrome. *AJNR Am J Neuroradiol.* 2002 Sep;23(8):1421-3. PMID: 12223390; PMCID: PMC7976260.

24: Ulmer S, Flemming K, Hahn A, Stephani U, Jansen O. Detection of acute cytotoxic changes in progressive neuronal degeneration of childhood with liver disease (Alpers-Huttenlocher syndrome) using diffusion-weighted MRI and MR spectroscopy. *J Comput Assist Tomogr.* 2002 Jul-Aug;26(4):641-6. doi: 10.1097/00004728-200207000-00030. PMID: 12218835.

25: Heyman D, Delhaye M, Fournier D, Mercier P, Rousselet MC, Menei P. Pseudotumoral demyelination: a diagnosis pitfall (report of three cases). *J Neurooncol.* 2001 Aug;54(1):71-6. doi:

10.1023/a:1012534404328. PMID: 11763425.

26: Briellmann RS, Torn-Broers Y, Jackson GD, Berkovic SF. Seizures in family members of patients with hippocampal sclerosis. *Neurology*. 2001 Nov 27;57(10):1800-4. doi: 10.1212/wnl.57.10.1800. PMID: 11723267.

27: Garell PC, Menezes AH, Baumbach G, Moore SA, Nelson G, Mathews K, Afifi AK. Presentation, management and follow-up of Schilder's disease. *Pediatr Neurosurg*. 1998 Aug;29(2):86-91. doi: 10.1159/000028695. PMID: 9792962.

28: Kim MO, Lee SA, Choi CG, Huh JR, Lee MC. Balo's concentric sclerosis: a clinical case study of brain MRI, biopsy, and proton magnetic resonance spectroscopic findings. *J Neurol Neurosurg Psychiatry*. 1997 Jun;62(6):655-8. doi: 10.1136/jnnp.62.6.655. PMID: 9219760; PMCID: PMC1074158.

29: Krauss JK, Regel JP, Vach W, Orszagh M, Jüngling FD, Bohus M, Droste DW. White matter lesions in patients with idiopathic normal pressure hydrocephalus and in an age-matched control group: a comparative study. *Neurosurgery*. 1997 Mar;40(3):491-5; discussion 495-6. doi: 10.1097/00006123-199703000-00011. PMID: 9055287.

30: Schwartz TH, Bazil CW, Walczak TS, Chan S, Pedley TA, Goodman RR. The predictive value of intraoperative electrocorticography in resections for limbic epilepsy associated with mesial temporal sclerosis. *Neurosurgery*. 1997 Feb;40(2):302-9; discussion 309-11. doi: 10.1097/00006123-199702000-00014. PMID: 9007862.

31: Gille M, Brucher JM, Indekeu P, Bisteau M, Kollmann P. Maladie de Kufs avec leucoencéphalopathie [Kufs disease with leukoencephalopathy]. *Rev Neurol (Paris)*. 1995 Jun-Jul;151(6-7):392-7. French. PMID: 7481403.

32: Harding BN, Alsanjari N, Smith SJ, Wiles CM, Thrush D, Miller DH, Scaravilli F, Harding AE. Progressive neuronal degeneration of childhood with liver disease (Alpers' disease) presenting in young adults. *J Neurol Neurosurg Psychiatry*. 1995 Mar;58(3):320-5. doi: 10.1136/jnnp.58.3.320. PMID: 7897414; PMCID: PMC1073369.

33: Kim JH, Tien RD, Felsberg GJ, Osumi AK, Lee N. Clinical significance of asymmetry of the fornix and mamillary body on MR in hippocampal sclerosis. *AJNR Am J Neuroradiol*. 1995 Mar;16(3):509-15. PMID: 7793375.

34: Stachniak JB, Mickle JP, Ellis T, Quisling R, Rojiani AM. Myelinoclastic diffuse sclerosis presenting as a mass lesion in a child with Turner's syndrome. *Pediatr Neurosurg*. 1995;22(5):266-9. doi: 10.1159/000120912. PMID: 7547459.

35: Heinz R, Ferris N, Lee EK, Radtke R, Crain B, Hoffman JM, Hanson M, Paine S, Friedman A. MR and positron emission tomography in the diagnosis of surgically correctable temporal lobe epilepsy. *AJNR Am J Neuroradiol*. 1994 Aug;15(7):1341-8. PMID: 7976947.

36: Yamamoto K, Tanaka T, Fujita T, Fukuda H, Yonemasu Y. Intractable temporal lobe epilepsy with calcified mass in the temporal lobe. *Jpn J Psychiatry Neurol*. 1993 Jun;47(2):262-3. doi: 10.1111/j.1440-1819.1993.tb02066.x. PMID: 8271558.

37: Tanaka S, Tanaka T, Kondo S, Hori T, Fukuda H, Yonemasu Y, Tanaka M, Shindo K. Magnetic resonance imaging in kainic acid-induced limbic seizure status in cats. *Neurol Med Chir (Tokyo)*. 1993 May;33(5):285-9. doi: 10.2176/nmc.33.285. PMID: 7687033.

- 38: Tobias JD. Anaesthetic considerations for the child with leukodystrophy. *Can J Anaesth*. 1992 Apr;39(4):394-7. doi: 10.1007/BF03009053. PMID: 1563064.
- 39: Mace CJ, Trimble MR. Psychosis following temporal lobe surgery: a report of six cases. *J Neurol Neurosurg Psychiatry*. 1991 Jul;54(7):639-44. doi: 10.1136/jnnp.54.7.639. PMID: 1895129; PMCID: PMC1014437.
- 40: Shankar SK, Rao TV, Srivastav VK, Narula S, Asha T, Das S. Balo's concentric sclerosis: a variant of multiple sclerosis associated with oligodendroglioma. *Neurosurgery*. 1989 Dec;25(6):982-6. PMID: 2601832.
- 41: Mempel E. Leczenie drzenia zamiarowego metoda stereotaktyczna [Treatment of intention tremor with the stereotaxic method]. *Neurol Neurochir Pol*. 1971;5(1):23-8. Polish. PMID: 4925802.
- 42: Esemokumoh HS. Beitrag zur Frage der Hydrozephaluskomplifikationen nach Behandlung im Neugeborenen-, Säuglings- und Kindesalter [Hydrocephalus complications after treatment in newborns, infancy and childhood]. *Zentralbl Chir*. 1970 Apr 11;95(15):466-72. German. PMID: 4943336.
- 43: Lloyd-Smith DL. The electroencephalogram as a diagnostic aid in neurosurgery: a review. *Clin Neurosurg*. 1969;16:251-68. doi: 10.1093/neurosurgery/16.cn_suppl_1.251. PMID: 4982817.
- 44: Seitz D. Clinical problems of acute necrotizing encephalitis. *Int Arch Allergy Appl Immunol*. 1969;36:Suppl:420-5. PMID: 4313666.
- 45: Glowacki J, Guazzi GC, Van Bogaert L. Pseudo-tumoural presentation of certain cases of subacute sclerosing leucoencephalitis. *J Neurol Sci*. 1967 Mar- Apr;4(2):199-215. doi: 10.1016/0022-510x(67)90100-1. PMID: 5298578.
- 46: OBRADORALCALDE S. INTEGRACION NERVIOSA Y EVOLUCION TARDIA DESPUES DE LA EXTIRPACION DE UN HEMISFERIO CEREBRAL EN LOS EPIL'PTICOS [NERVOUS INTEGRATION AND LATE DEVELOPMENT AFTER THE EXTIRPATION OF A CEREBRAL HEMISPHERE IN EPILEPTICS]. *Rev Clin Esp*. 1963 Nov 30;91:197-203. Spanish. PMID: 14108800.
- 47: BODIAN M, LAKE BD. THE RECTAL APPROACH TO NEUROPATHOLOGY. *Br J Surg*. 1963 Jul;50:702-14. doi: 10.1002/bjs.18005022507. PMID: 14043693.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=balo_concentric_sclerosis

Last update: **2025/05/13 02:12**

