

ILAE Academy and EpiCARE

Bibliography to case study: Sam (5 y/o) (ESES)

Barger BD, Campbell JM, McDonough JD (2013) Prevalence and onset of regression within autism spectrum disorders: a meta analytic review. *J Autism Dev Disord.* Apr;43(4):817-28. doi: 10.1007/s10803-012-1621-x.

Bolsterli B.K., Schmitt B., Bast T. Impaired slow wave sleep downscaling in encephalopathy with status epilepticus during sleep (ESES). *Clin Neurophysiol.* 2011;122:1779-1787.

Bolsterli Heinzle B.K., Fattinger S., Kurth S. Spike wave location and density disturb sleep slow waves in patients with CSWS (continuous spike waves during sleep). *Epilepsia.* 2014;55:584-591.
<https://onlinelibrary.wiley.com/doi/full/10.1111/epi.12576>

Buzatu M, Bulteau C, Altuzarra C, Dulac O, Van Bogaert P (2009) Corticosteroids as treatment of epileptic syndromes with continuous spike-waves during slow-wave sleep. *Epilepsia.* Aug;50 Suppl 7:68-72. doi: 10.1111/j.1528-1167.2009.02224.x. <https://onlinelibrary.wiley.com/doi/epdf/10.1111/j.1528-1167.2009.02224.x>

Fejerman N, Caraballo R, Cersósimo R, Ferraro SM, Galicchio S, Amartino H (2012) Sulthiame add-on therapy in children with focal epilepsies associated with encephalopathy related to electrical status epilepticus during slow sleep (ESES). *Epilepsia.* Jul;53(7):1156-61. doi: 10.1111/j.1528-1167.2012.03458.x.
<https://onlinelibrary.wiley.com/doi/epdf/10.1111/j.1528-1167.2012.03458.x>

Fohlen M, Dorfmüller G, Ferrand-Sorbets S, Dorison N, Chipaux M, Taussig D (2019) Parasagittal hemispherotomy in hemispheric polymicrogyria with electrical status epilepticus during slow sleep: Indications, results and follow-up. *Seizure.* Oct;71:190-200. doi: 10.1016/j.seizure.2019.07.017. <https://www.seizure-journal.com/action/showPdf?pii=S1059-1311%2819%2930291-2>

Heinzle BHB, Fattinger S, Kurth S, Lebourgeois MK, Ringli M, Bast T, Critelli H, Schmitt B, Huber R (2014) Spike wave location and density disturb sleep slow waves in patients with CSWS (continuous spike waves during sleep). *Epilepsia.* Apr;55(4):584-91. doi: 10.1111/epi.12576.
<https://onlinelibrary.wiley.com/doi/epdf/10.1111/epi.12576>

Landau WM, Kleffner FR (1957) Syndrome of acquired aphasia with convulsive disorder in children. *Neurology.* Aug;7(8):523-30. Doi: 10.1212/wnl.7.8.523.

Lesca G, Rudolf G, Bruneau N, Lozovaya N, Labalme A, Boutry-Kryza N, Salmi M, Tsintsadze T, Addis L, Motte J, Wright S, Tsintsadze V, Micel A, Doummar D, Lascelles K, Strug L, Waters P, de Bellescize J, Vrielynck P, de Saint-Martin A, Ville D, Rylvin P, Arzimanoglou A, Hirsch E, Vincent A, Pal D, Burnashev N, Sanlaville D, Szepetowski P (2013) GRIN2A mutations in acquired epileptic aphasia and related childhood focal epilepsies and encephalopathies with speech and language dysfunction. *Nat Genet.* Sep;45(9):1061-6. doi: 10.1038/ng.2726.

Liukkonen E, Kantola-Sorsa E, Paetau R, Gaily E, Peltola M, Granström ML (2010) Long-term outcome of 32 children with encephalopathy with status epilepticus during sleep, or ESES syndrome. *Epilepsia.* Oct;51(10):2023-32. doi: 10.1111/j.1528-1167.2010.02578.x.
<https://onlinelibrary.wiley.com/doi/epdf/10.1111/j.1528-1167.2010.02578.x>

Loddenkemper T, Cosmo G, Kotagal P, Haut J, Klaas P, Gupta A, Lachhwani DK, Bingaman W, Wyllie E (2009) Epilepsy surgery in children with electrical status epilepticus in sleep. *Neurosurgery.* Feb;64(2):328-37; discussion 337. doi: 10.1227/01.NEU.0000336767.14252.76.

Nickels K, Wirrell E (2008) Electrical status epilepticus in sleep. *Semin Pediatr Neurol.* Jun;15(2):50-60. doi: 10.1016/j.spen.2008.03.002.

Patry G, Lyagoubi S, Tassinari CA (1971) Subclinical "electrical status epilepticus" induced by sleep in children. A clinical and electroencephalographic study of 6 cases. *Arch Neurol.* Mar;24(3):242-52. doi: 10.1001/archneur.1971.00480330070006.

- Pera MC, Brazzo D, Altieri N, Balottin U, Veggiotti P (2013) Long-term evolution of neuropsychological competences in encephalopathy with status epilepticus during sleep: a variable prognosis. *Epilepsia*. Oct;54 Suppl 7:77-85. doi: 10.1111/epi.12313. <https://onlinelibrary.wiley.com/doi/epdf/10.1111/epi.12313>
- Rubboli G, Huber R, Tononi G, Tassinari CA (2019) Encephalopathy related to Status Epilepticus during slow sleep: a link with sleep homeostasis? *Epileptic Disord*. Jun 1;21(S1):62-70. doi: 10.1684/epd.2019.1059. <https://pubmed.ncbi.nlm.nih.gov/31180328/>
- Rubboli G, Tassinari CA (2019) Linking epilepsy, sleep disruption and cognitive impairment in encephalopathy related to status. *Epileptic Disord*. Jun 1;21(S1):1-2. doi: 10.1684/epd.2019.1049. https://www.jle.com/fr/revues/epd/e-docs/linking_epilepsy_sleep_disruption_and_cognitive_impairment_in_encephalopathy_related_to_status_epilepticus_during_slow_sleep_eses_314561/article.phtml
- Sanchez Fernandez I, Loddenkemper T, Peters JM, Kothare SV (2012) Electrical status epilepticus in sleep: clinical presentation and pathophysiology. *Pediatr Neurol*. Dec;47(6):390-410. doi: 10.1016/j.pediatrneurol.2012.06.016. <https://www.pedneur.com/action/showPdf?pii=S0887-8994%2812%2900311-6>
- Scheltens-de Boer M (2009) Guidelines for EEG in encephalopathy related to ESES/CSWS in children. *Epilepsia*. Aug;50 Suppl 7:13-7. doi: 10.1111/j.1528-1167.2009.02211.x. <https://onlinelibrary.wiley.com/doi/epdf/10.1111/j.1528-1167.2009.02211.x>
- Tassinari CA, Rubboli G (2019) Encephalopathy related to Status Epilepticus during slow sleep: current concepts and future directions. *Epileptic Disord*. Jun 1;21(S1):82-87. doi: 10.1684/epd.2019.1062. <https://pubmed.ncbi.nlm.nih.gov/31180330/>
- Tassinari CA, Rubboli G (2019) A commentary on encephalopathy related to status epilepticus during slow sleep: from concepts to terminology. *Epileptic Disord*. Jun 1;21(S1):13-14. doi: 10.1684/epd.2019.1064. <https://pubmed.ncbi.nlm.nih.gov/31219043/>
- Thapar A, Cooper M (2016) Attention deficit hyperactivity disorder. *Lancet*. Mar 19;387(10024):1240-50. doi:10.1016/S0140-6736(15)00238-X. <https://reader.elsevier.com/reader/sd/pii/S014067361500238X?token=6185FCBA86EFA2FCD8BA1654192AEF1B98BB55598D02BAE3EC7615A6DC306B40047C1C4D0BE7E670E5B93B9B7FD3280C>
- Tononi G, Cirelli C (2006) Sleep Function and synaptic homeostasis. *Sleep Med Rev*. Feb;10(1):49-62. doi: 10.1016/j.smrv.2005.05.002.
- Tononi G, Cirelli C (2014) Sleep and price of plasticity: from synaptic and cellular homeostasis to memory consolidation and integration. *Neuron*. Jan 8;81(1):12-34. doi: 10.1016/j.neuron.2013.12.025. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3921176/pdf/nihms552163.pdf>
- Van den Munckhof B, de Vries EE, Braun KPJ, Boss HM, Willemsen MA, van Royen-Kerkhof A, de Jager W, Jansen FE (2016). Serum inflammatory mediators correlate with disease activity in electrical status epilepticus in sleep (ESES) syndrome. *Epilepsia*. Feb;57(2):e45-50. doi: 10.1111/epi.13274. <https://onlinelibrary.wiley.com/doi/epdf/10.1111/epi.13274>
- Van den Munckhof B, Zwart AF, Weeke LC, Claessens NHP, Plate JDJ, Leemans A, Kuijff HJ, van Teeseling HC, Leijten FSS, Benders MJN, Braun KPJ, de Vries LS, Jansen FE (2020) Perinatal thalamic injury: MRI predictors of electrical status epilepticus in sleep and long-term neurodevelopment. *Neuroimage Clin*. 2020;26:102227. doi: 10.1016/j.nicl.2020.102227. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7076143/pdf/main.pdf>
- Van den Munckhof B, Gefferie SR, van Noort SAM, van Teeseling HC, Schijvens MP, Smit W, Teunissen NW, Plate JDJ, Huiskamp GJM, Leijten FSS, Braun KPJ, Jansen FE, Bölsterli BK (2020) Sleep slow-wave homeostasis and cognitive functioning in children with electrical status epilepticus in sleep. *Sleep*. Nov 12;43(11):zsaa088. doi: 10.1093/sleep/zsaa088. <https://www.zora.uzh.ch/id/eprint/194122/1/zsaa088.pdf>

Van den Munckhof B, van Dee V, Sagi L, Caraballo RH, Veggiotti P, Liukkonen E, Loddenkemper T, Sánchez Fernández I, Buzatu M, Bulteau C, Braun KPJ, Jansen FE (2015) Treatment of electrical status epilepticus in sleep: A pooled analysis of 575 cases. *Epilepsia*. Nov;56(11):1738-46. doi: 10.1111/epi.13128.
<https://onlinelibrary.wiley.com/doi/epdf/10.1111/epi.13128>

Van den Munckhof B, Arzimanoglou A, Perucca E, van Teeseling HC, Leijten FSS, Braun KPJ, Jansen FE, RESCUE ESES study group (2020) Corticosteroids versus clobazam in epileptic encephalopathy with ESES: a European multicentre randomised controlled clinical trial (RESCUE ESES*). *Trials*. Nov 23;21(1):957. doi: 10.1186/s13063-020-04874-2.
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7686710/pdf/13063_2020_Article_4874.pdf

Veggiotti P, Pera MC, Teutonico F, Brazzo D, Balottin U, Tassinari CA (2012) Therapy of encephalopathy with status epilepticus during sleep (ESES/CSWS syndrome): an update. *Epileptic Disord*. Mar;14(1):1-11. doi: 10.1684/epd.2012.0482.
https://www.jle.com/fr/revues/epd/e-docs/therapy_of_encephalopathy_with_status_epilepticus_during_sleep_eses_csws_syndrome_an_update_292156/article.phtml

Wickens S, Bowden SC, D'Souza W. Cognitive functioning in children with self-limited epilepsy with centrotemporal spikes: A systematic review and meta-analysis. *Epilepsia*. 2017 Oct;58(10):1673-1685. doi: 10.1111/epi.13865. Epub 2017 Aug 12. PMID: 28801973.
<https://pubmed.ncbi.nlm.nih.gov/28801973/>