



WP8: Epilepsy Surgery

- Running monthly E-Care conferences (S. Francione)
- Management and maintenance of the E-PILEPSY IT platform (Curry-7, 5 centers)
- Installation of The Virtual Brain on the E-PILEPSY IT platform (C. Ciumas)
- Management and maintenance of the Epilepsy Surgery RedCap database
- Partnership between EpiCARE and HBP
- Novel systematic reviews on pre-surgical evaluation

E-PILEPSY systematic reviews

Diagnostic accuracy of functional magnetic resonance imaging, Wada test, magnetoencephalography, and functional transcranial Doppler sonography for memory and language outcome after epilepsy surgery: A systematic review. Schmid E, Thomschewski A, Taylor A, Zimmermann G, Kirschner M, Kobulashvili T, Brigo F, Rados M, Helmstaedter C, Braun K, Trinka E; E-PILEPSY consortium. *Epilepsia*. 2018 Dec;59(12):2305-2317. doi: 10.1111/epi.14588. Epub 2018 Oct 30.

Diagnostic and prognostic value of noninvasive long-term video-electroencephalographic monitoring in epilepsy surgery: A systematic review and meta-analysis from the E-PILEPSY consortium. Kobulashvili T, Kuchukhidze G, Brigo F, Zimmermann G, Höfler J, Leitinger M, Dobesberger J, Kalss G, Rohracher A, Neuray C, Wakonig A, Ernst F, Braun KPJ, Mouthaan BE, Van Eijnsden P, Ryvlin P, Cross JH, Trinka E; E-PILEPSY consortium. *Epilepsia*. 2018 Dec;59(12):2272-2283.

Diagnostic accuracy of interictal source imaging in presurgical epilepsy evaluation: A systematic review from the E-PILEPSY consortium. Brian E Mouthaan¹, Matea Rados¹, Paul Boon², Evelien Carrette², Beate Diehl³, Julien Jung⁴, Vasilios Kimiskidis⁵, Teia Kobulashvili⁶, Giorgi Kuchukhidze⁶, Pål G Larsson⁷, Markus Leitinger⁶, Philippe Ryvlin⁸, Fergus Rugg-Gunn³, Margitta Seeck⁹, Serge Vulliémot⁹, Geertjan Huiskamp¹, Frans SS Leijten¹, Pieter Van Eijnsden¹, Eugen Trinka^{6,10}, Kees PJ Braun¹, on behalf of the E-PILEPSY consortium. In press in *Clinical Neurophysiology*