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## Unravelling narcolepsy : from pathophysiology to measuring treatment effects

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## ABOUT THE AUTHOR

## CURRICULUM VITAE

Astrid van der Heide was born on April 22, 1984 in Leeuwarden. She attended secondary school at "Slauerhoff (later named Piter Jelles) college" and graduated in 2002. In the same year she started her study of medicine at the University of Groningen. In 2008, she performed a scientific traineeship at the department of Child Neurology and Clinical Neurophysiology of the University Medical Centre in Utrecht (supervisors Dr. F.E. Jansen and Prof. Dr. A.C. van Huffelen). This traineeship focussed on the identification of the epileptogenic zone in patients with tuberous sclerosis. After obtaining her medical degree in 2009 (cum laude), she became resident (not in training) in neurology at the Rijnland Hospital in Leiderdorp (Dr. J. Haan). In the same year she started her PhD research at Leiden University Medical Centre, under supervision of Prof. Dr. J.G. van Dijk and Dr. G.J. Lammers, which investigations are described in this thesis. Her neurology residency program started in 2011 (Prof. Dr. R.A.C. Roos and Prof. Dr. J.J. van Hilten). Part of her training was at the St. Antonius Hospital in Nieuwegein (Dr. S.C. Tromp) and at the Haga Hospital in The Hague (Dr. S.F.T.M. de Bruijn). In 2016, she was trained in pediatric neurology at the University Medical Centre in Utrecht (Prof. Dr. K.P.J. Braun). She expects to qualify as a (pediatric) neurologist in 2018.

## LIST OF PUBLICATIONS

**A. van der Heide**, E. Werth, C. E.H.M. Donjacour, R. H.A.M. Reijntjes, G. J. Lammers, E. J.W. Van Someren, C. R. Baumann, and R. Fronczek, "Core body and skin temperature in type 1 narcolepsy in daily life: effects of Sodium Oxybate and prediction of sleep attacks", *Sleep*, vol. 39, no. 11, pp. 1941–1949, 2016.

**A. van der Heide**, I. M. Hegeman-Kleinn, E. Peeters, G. J. Lammers, and R. Fronczek, "Immunohistochemical screening for antibodies in recent onset type 1 narcolepsy and after H1N1 vaccination", *J Neuroimmunol*, vol. 283, pp. 58–62, 2015.

**A. van der Heide**, C. E. H. M. Donjacour, H. Pijl, R. H. A. M. Reijntjes, S. Overeem, G. J. Lammers, E. J. W. Van Someren, and R. Fronczek, "The effects of sodium oxybate on core body and skin temperature regulation in narcolepsy", *J Sleep Res*, vol. 24, no. 5, pp. 566–575, 2015.

**A. van der Heide**, M. K. M. Van Schie, G.-J. Lammers, Y. Dauvilliers, I. Arnulf, G. Mayer, C. L. Bassetti, C.-L. Ding, P. Lehert, and J. G. van Dijk, "Comparing Treatment Effect Measurements in Narcolepsy: The Sustained Attention to Response Task, Epworth Sleepiness Scale and Maintenance of Wakefulness Test", *Sleep*, vol. 38, no. 7, pp. 1051–1058, 2015.

**A. van der Heide**, W. Verduijn, G. W. Haasnoot, J. J. M. Drabbels, G. J. Lammers, and F. H. J. Claas, "HLA dosage effect in narcolepsy with cataplexy", *Immunogenetics*, vol. 67, no. 1, pp. 1–6, 2015.

M. Tafti, H. Hor, Y. Dauvilliers, G. J. Lammers, S. Overeem, G. Mayer, S. Javidi, A. Iranzo, J. Santamaria, R. Peraita-Adrados, J. L. Vicario, I. Arnulf, G. Plazzi, S. Bayard, F. Poli, F. Pizza, P. Geisler, A. Wierzbicka, C. L. Bassetti, J. Mathis, M. Lecendreux, C. E. H. M. Donjacour, **A. van der Heide**, R. Heinzer, J. Haba-Rubio, E. Feketeova, B. Högl, B. Frauscher, A. Benetó, R. Khatami, F. Cañellas, C. Pfister, S. Scholz, M. Billiard, C. R. Baumann, G. Ercilla, W. Verduijn, F. H. J. Claas, V. Dubois, J. Nowak, H.-P. Eberhard, S. Pradervand, C. N. Hor, M. Testi, J.-M. Tiercy, and Z. Katalik, "DQB1 Locus Alone Explains Most of the Risk and Protection in Narcolepsy with Cataplexy in Europe", *Sleep*, vol. 37, no. 1, pp. 19–25, 2014.

E. Maurovich-Horvat, D. Kemlink, B. Högl, B. Frauscher, L. Ehrmann, P. Geisler, K. Ettenhuber, G. Mayer, R. Peraita-Adrados, E. Calvo, G.-J. Lammers, **A. van der Heide**, L. Ferini-Strambi, G. Plazzi, F. Poli, Y. Dauvilliers, P. Jenum, H. Leonthin, J. Mathis, A. Wierzbicka, F. J. Puertas, P. A. Beitingen, I. Arnulf, R. L. Riha, M. Tormášiová, J. Slonková, S. Nevsimalova, K. Sonka, European Narcolepsy Network, "Narcolepsy and pregnancy: a retrospective European evaluation of 249 pregnancies", *J Sleep Res*, vol. 22, no. 5, pp. 496–512, 2013.

**A. van der Heide**, A. C. van Huffelen, W. P. J. Spetgens, C. H. Ferrier, O. van Nieuwenhuizen, and F. E. Jansen, "Identification of the epileptogenic zone in patients with tuberous sclerosis: Concordance of interictal and ictal epileptiform activity", *Clin Neurophysiol*, pp. 1–6, 2010.

## Book chapter

**A. van der Heide**, G.J. Lammers. Narcolepsy. In: M.J. Thorpy and M. Billiard, editors. Sleepiness: causes, consequences and treatment. Cambridge University Press, 2011: 111–125. ISBN 978-0-521-19886-8.