

Unravelling cossed wires : dysfunction in obstetric brachial plexus lesions in the light of intertwined effects of the peripheral and central nervous system

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Chapter 9 Discussion and Summary

### **List Of Publications**

- 1 Anguelova GV, Malessy MJA, van Zwet EW, van Dijk JG. Cocontraction in adults with obstetric brachial plexus lesion. *Submitted*.
- 2 Anguelova GV, de Vlugt E, Vardy AN, van Zwet EW, van Dijk JG, Malessy, de Groot JH. Cocontraction measured with short-range stiffness was higher in obstetric brachial plexus lesions patients compared to healthy subjects. J Biomech. 2017 Oct, 63:192-6.
- 3 Anguelova GV, Rombouts SARB, van Dijk JG, Buur PF, Malessy MJA. Increased brain activation during motor imagery suggests central abnormality in Neonatal Brachial Plexus Palsy. Neurosci Res. 2017 Oct, 123:19-26.
- 4 Anguelova GV, Malessy MJ, van Dijk JG. Sensory Deficit in Conservatively Treated Neonatal Brachial Plexus Palsy Patients. Pediatr Neurol. 2016 Sep, 62:e1.
- 5 Anguelova GV, Malessy MJ, Buitenhuis SM, van Zwet EW, van Dijk JG. Impaired Automatic Arm Movements in Obstetric Brachial Plexus Palsy Suggest a Central Disorder. J Child Neurol. 2016 Mar, 31(8): 1005-8.
- 6 Anguelova GV, Malessy MJ, van Zwet EW, van Dijk JG. Extensive motor axonal misrouting after conservative treatment of obstetric brachial plexus lesions. Dev Med Child Neurol. 2014 Oct, 56(10):984-9.
- 7 Anguelova GV, Malessy MJA, Van Dijk JG. A cross-sectional study of hand sensation in adults with conservatively treated obstetric brachial plexus lesion. Dev Med Child Neurol. 2013 Mar, 55(3):257-63.
- 8 Aziz NA, Anguelova GV, Marinus J, Lammers GJ, Roos RA. Sleep and circadian rhythm alterations correlate with depression and cognitive impairment in Huntington's disease. Parkinsonism Relat Disord. 2010 Jun, 16(5):345-50.
- 9 Aziz NA, Anguelova GV, Marinus J, van Dijk JG, Roos RA. Autonomic symptoms in patients and pre-manifest mutation carriers of Huntington's disease. Eur J Neurol. 2010 Aug, 17(8):1068-74.

### **Curriculum Vitae**

On September 2, 1986, Galia Valentinova Anguelova was born in Sofia, Bulgaria. She moved to the Netherlands in 1999. In 2005 she obtained her secondary school diploma at Gymnasium Haganum in The Hague. Subsequently, she started her medical training at the Leiden University Medical Centre (LUMC). Inher second year of medical training she participated in an exchange programme with Karolinska Institutet in Stockholm, Sweden and received an Erasmus fund for that period. In 2006 she was selected for the LUMC's 'Excellente studenten traject' and in 2010 the MD/PhD-track which comprised two years of full-time research funded by the LUMC, eventually leading to this PhD thesis. Beside the medical training and research, she obtained an engineering masters degree in Biomedical engineering (Biomechatronics) in 2012 at the Technical University in Delft. In 2014 she received her medical doctor's degree. She is currently working as a neurology resident in Haaglanden Medisch Centrum in the Hague.

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