

Cover Page



Universiteit Leiden



The handle <http://hdl.handle.net/1887/36072> holds various files of this Leiden University dissertation.

Author: Rooijen, Diana Emerentiana van

Title: Sensory and motor dysfunction in Complex Regional Pain Syndrome

Issue Date: 2015-11-03

STELLINGEN

behorend bij het proefschrift

Sensory and motor dysfunction in Complex Regional Pain Syndrome

1. Movement disorders may under certain circumstances, e.g. nerve lesions or genetic predisposition, be triggered by peripheral trauma. (*This thesis*)
2. Muscle hyperalgesia is associated with motor dysfunction in CRPS. (*This thesis*)
3. Reduced pressure pain threshold is the most deviant sensory abnormality in both unaffected and affected body regions of CRPS patients, pointing to a general disturbance in central pain processing. (*This thesis*)
4. Impaired sense of force production may contribute to force modulation deficits in CRPS patients. (*This thesis*)
5. Motor impairments in CRPS are related to reorganization of central motor circuits, with an increased activation of primary motor and supplementary motor cortices. (*Maihöfner et al. Brain 2007;130:2671-87*)
6. The amount of pain after movement may depend on the type of visual input, demonstrating a bi-directional link between body image and body tissues in patients with chronic pain. (*Moseley et al. Curr Biol 2008;18:R1047-8*)
7. Using the diagnostic label 'functional' movement disorders - which is freer from etiological assumptions - instead of the terms psychogenic, conversion or somatoform symptoms, is important for the clinical approach towards patients, as well as the scientific approach towards mechanisms behind the symptoms. (*Edwards et al. Mov Disord 2014;29:849-52*)
8. Functional connectivity between the medial prefrontal cortex and the nucleus accumbens predicted chronicity in individuals with low back pain, proposing the involvement of the emotional learning system in the transition from acute to chronic pain. (*Apkarian et al. Curr Opin Neurol 2013;26:360-7*)
9. A critical clinical view during scientific experiments, so called "learning from the shadows", may drive interesting new research questions. (*based on NOI Notes, October 2012*)
10. Things should look simple to convey the esthetics or content, but work can only be good when it comprises certain layers. (*based on Erwin Olaf, Zomergasten 2010*)
11. Sports do not build character. They reveal it. (*Heywood Hale Broun, 1918-2001*)
12. To develop a measurement instrument for a disorder where the definition is debated, is an immeasurable challenge.