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Safety-efficacy balance of S-ketamine and S-norketamine in acute and chronic pain

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Citation

Noppers, I. M. (2011, September 7). *Safety-efficacy balance of S-ketamine and S-norketamine in acute and chronic pain*. Retrieved from <https://hdl.handle.net/1887/17811>

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in acute and chronic pain

Ingeborg M Noppers

The studies described in this thesis were performed at the Department of Anesthesiology of the Leiden University Medical Center, Leiden, The Netherlands.

This PhD project was performed within TREND (Trauma RElated Neuronal Dysfunction), a Dutch Consortium that integrates research on epidemiology, assessment technology, pharmacotherapeutics, biomarkers and genetics on Complex Regional Pain Syndrome type 1. The consortium aims to develop concepts on disease mechanisms that occur in response to tissue injury, its assessment and treatment. TREND is supported by a government grant (BSIK03016).

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Photo cover by R ter Voort

Layout by AA Vletter

Printed by GVO drukkers & Vormgevers B.V. | Ponsen & Looijen, Ede

ISBN: 978-90-817667-0-8

The printing of this thesis was financially supported by the Department of Anesthesiology of the Leiden University Medical Center, Leiden, The Netherlands.

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Proefschrift

ter verkrijging van de graad van Doctor aan de Universiteit Leiden,
op gezag van Rector Magnificus prof. mr. P.F. van der Heijden,
volgens het besluit van het College van Promoties
te verdedigen op woensdag 7 september 2011
klokke 15:00 uur

door

Ingeborg Marieke Noppers
geboren te Emmen
in 1981

Promotiecommissie:

Promotor: Prof. dr. A Dahan

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*So long as men can breathe or eyes can see,
So long lives this and this gives life to thee.*

William Shakespeare, from Sonnet 18, 1609

Voor mijn ouders

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