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

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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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*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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