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Ketamine pharmacometrics

Kamp, J.

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Author: Kamp, J.

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List of Publications
Curriculum Vitae

LIST OF PUBLICATIONS

1. **Kamp J**, van Velzen M, Aarts L, Niesters M, Dahan A, Olofsen E: Stereoselective ketamine effect on cardiac output; A population pharmacokinetic-pharmacodynamic modeling study in healthy volunteers. *Br J Anaesth* 2021, epub ahead of print.
2. **Kamp J**, Olofsen E, Henthorn TK, Van Velzen M, Niesters M, Dahan A: Ketamine Pharmacokinetics. *Anesthesiology* 2020; 133: 1192-1213
3. **Kamp J**, Jonkman K, van Velzen M, Aarts L, Niesters M, Dahan A, Olofsen E: Pharmacokinetics of ketamine and its major metabolites norketamine, hydroxynorketamine, and dehydronorketamine: a model-based analysis. *Br J Anaesth* 2020; 125: 750-761
4. **Kamp J**, Van Velzen M, Olofsen E, Boon M, Dahan A, Niesters M: Pharmacokinetic and pharmacodynamic considerations for NMDA-receptor antagonist ketamine in the treatment of chronic neuropathic pain: an update of the most recent literature. *Expert Opin Drug Metab Toxicol.* 2019; 15: 1033-1041
5. Algera MH, **Kamp J**, van der Schrier R, van Velzen M, Niesters M, Aarts L, Dahan A, Olofsen E: Opioid-induced respiratory depression in humans: a review of pharmacokinetic-pharmacodynamic modelling of reversal. *Br J Anaesth* 2019; 122: e168-e179
6. Bahar MA, **Kamp J**, Borgsteede SD, Hak E, Wilffert B: The impact of CYP2D6 mediated drug-drug interaction: a systematic review on a combination of metoprolol and paroxetine/fluoxetine. *Br J Clin Pharmacol* 2018; 84: 2704-2715
7. Werumeus Buning J, Touw DJ, Brummelman P, Dullaart RPF, van den Berg G, van der Klauw MM, **Kamp J**, Wolffenbuttel BHR, van Beek AP: Pharmacokinetics of oral hydrocortisone - Results and implications from a randomized controlled trial. *Metabolism* 2017; 71: 7-16
8. **Kamp J**, Bolhuis MS, Tiberi S, Akkerman OW, Centis R, de Lange WC, Kosterink JG, van der Werf TS, Migliori GB, Alffenaar JC: Simple strategy to assess linezolid exposure in patients with multi-drug-resistant and extensively-drug-resistant tuberculosis. *Int J Antimicrob Agents* 2017; 49: 688-694

CURRICULUM VITAE

Jasper Kamp was born on the 3rd of October 1991 in Winschoten, the Netherlands. After completing secondary school (VWO, Dollard College, Winschoten) in 2009, he started his study Pharmacy at the *Rijksuniversiteit Groningen*. During his studies, he was involved in several research projects concerning drug metabolism and pharmacokinetic modelling. In addition, he combined his studies with a side-job at the UMCG hospital pharmacy for 5 years. In 2016, he started to combine his master *Pharmacy* with the research master *Medical Pharmaceutical Sciences* (specialization: "Toxicology and Drug Disposition").

During his life as a student, Jasper was actively involved in his student rowing club (A.G.S.R. Gyas) and was part of the Men's Heavyweight Rowing Crew in 2012.

Both master degrees were successfully completed in march 2018, after which he started his PhD in July 2018 at the Department of Anesthesiology at the LUMC under the supervision of prof. dr. A. Dahan and dr.ir. E. Olofsen. Since April 2018 the PhD was combined with a job as project pharmacist at the production facility of the LUMC hospital pharmacy. Currently, Jasper is working as a hospital pharmacist in training at the LUMC hospital pharmacy.