

NVIC Publicaties 2019

Artikelen

Contrucci RR, Brunt TM, Inan F, Franssen EJF, Hondebrink L. Synthetic cathinones and their potential interactions with prescription drugs. *Therapeutic Drug Monitoring* 2020; 42(1): 75-82.

Dijkman MA, van Riel AJHP, de Vries I, Robben JH. Nieuw muizengif is oude bekende: alfachloralose. *Tijdschrift voor Diergeneeskunde* 2019: 12-14.

Hondebrink L, Rietjens SJ, Donker DW, Hunault CC, van den Hengel-Koot I, Verputten PM, de Vries I, Kaasjager KAH, Dekker D, de Lange DW. A quarter of admitted poisoned patients have a mild poisoning and require no treatment: An observational study. *European Journal of Internal Medicine* 2019; 66: 41-47.

Hondebrink, L, Nugteren-van Lonkhuyzen, JJ, Hunault, CC, van den Berg J, van der Gouwe D, van Riel AJHP. New psychoactive substances (NPS) in the Netherlands: occurrence in forensic drug samples, consumer drug samples and poisons center exposures between 2013 and 2017. *Addiction* 2020; 115(4): 716-725.

Sikma MA, Hunault CC, Huitema, ADR, de Lange DW, van Maarseveen EM. Clinical Pharmacokinetics and Impact of Hematocrit on Monitoring and Dosing of Tacrolimus Early After Heart and Lung Transplantation. *Clinical Pharmacokinetics* 2019: 1-6.

Sikma MA, Hunault CC, van Maarseveen EM, Huitema ADR, van de Graaf EA, Kirkels JH, Verhaar MC, Grutters JC, Kesecioglu J, de Lange DW. High variability of whole-blood tacrolimus pharmacokinetics early after thoracic organ transplantation. *European Journal of Drug Metabolism and Pharmacokinetics*. 2020; 45(1): 123-134.

Sikma MA, van Maarseveen EM, Hunault CC, Moreno JM, van de Graaf EA, Kirkels JH Verhaar MC, Jan Grutters JC, Kesecioglu J, de Lange DW, Huitema ADR. Unbound plasma, total plasma and whole-blood tacrolimus pharmacokinetics early after thoracic organ transplantation. *Clinical Pharmacokinetics*. 2019: 1-10.

Van Velzen A, de Vries I, de Lange D. Medicatiefout vaak oorzaak van overdosis macroliden. *Pharmaceutisch Weekblad* 154; 1-2: 20-21.

Visser CC, Oerlemans C, van Riel AJHP, de Vries I. Toename acute intoxicaties door opioïde pijnstillers – Nationaal Vergiftigingen Informatie Centrum ziet stijging aantal consulten. *Pharmaceutisch Weekblad* 2019; 20: 5 pp.

Wijnands-Kleukers A, Dijkman W, Brogtrop J, Kamps MJA, de Lange DW, Sikma MA. Inhalational Methanol Intoxication: Emerging Issues in the Netherlands Resulting From Illegal Drug Production (Letter to the editor). *Annals of Emergency Medicine* 2019; 74 (5): 727-728.

Zwartsen A, Hondebrink L, Westerink RHS. Changes in neuronal activity in rat primary cortical cultures induced by illicit drugs and new psychoactive substances (NPS) following prolonged exposure and washout to mimic human exposure scenarios. *Neurotoxicology* 2019; 74: 28-39.

Zwartsen A, Litjens CHC, Hondebrink L, van den Heuvel JJMW, Greupink R, Russel FGM, de Lange DW, Legler J, Koenderink JB, Westerink RHS. Differential effects of psychoactive substances on human wildtype and polymorphic T356M dopamine transporters (DAT). *Toxicology* 2019; 422: 69-75.

Zwartsen A, de Korte T, Nacken P, de Lange DW, Westerink RHS, Hondebrink L. Cardiotoxicity screening of illicit drugs and new psychoactive substances (NPS) in human iPSC-derived cardiomyocytes using microelectrode array (MEA) recordings. *Journal of Molecular and Cellular Cardiology* 2019; 136: 102-112.

Abstracts en/of posters

Dijkman MA, de Vries I. Ten years' experience of the National Serum Depot in the Netherlands. 39th International Congress of the European Association of Poisons Centres and Clinical Toxicologists (EAPCCT) 21-24 May 2019, Naples, Italy. *Clinical Toxicology* 2019; 57(6): 466-467 (Abstract + Poster).

Dijkman MA, de Vries I. Ornithogalum plants, an unrecognized risk to animals and possible humans. 6th International Toxinology Meeting Venoms and Toxins 2019, 28th-29th August 2019, Oxford, United Kingdom (Abstract + Poster).

de Groot R, Brekelmans PJAM, de Lange DW. Poison Centers need to prepare for a new product notification procedure. 39th International Congress of the European Association of Poisons Centres and Clinical Toxicologists (EAPCCT) 21-24 May 2019, Naples, Italy. *Clinical Toxicology* 2019; 57(6) :425 (Abstract + Oral Presentation).

Van den Hengel-Koot IS, van der Gouwe D, Nugteren-van Lonkhuyzen JJ, Rietjens SJ, van Riel AJHP, Hondebrink L. 4-Fluoroamphetamine (4-FA): before and after legislation. VI International Conference on Novel Psychoactive Substances (NPS), April 8-9, 2019, Maastricht, Netherlands (Abstract + Poster).

Hondebrink L, Nugteren-van Lonkhuyzen JJ, van den Hengel-Koot IS, Rietjens SJ, van Riel AJHP. NPS exposures reported to the Dutch Poisons Information Center. NPS 2019, VI International Conference on Novel Psychoactive Substances (NPS), April 8-9, 2019, Maastricht, Netherlands (Abstract + Oral Presentation).

Huiskens D, Kan AA, Robben JH, de Lange DW, Dijkman MA. Xylitol-sweetened gingerbread: an unrecognised danger for dogs. 39th International Congress of the European Association of Poisons Centres and Clinical Toxicologists (EAPCCT) 21-24 May 2019, Naples, Italy. *Clinical Toxicology* 2019; 57(6): 528 (Abstract + Poster).

Huiskens D, Kan AA, Robben JH, Ngo DA, de Lange DW, Dijkman MA. How "diet" gingerbread increased the awareness of xylitol toxicity in dogs. 39th International Congress of the European Association of Poisons Centres and Clinical Toxicologists (EAPCCT) 21-24 May 2019, Naples, Italy. *Clinical Toxicology* 2019; 57(6): 528-529 (Abstract + Poster).

Hunault CC, Hondebrink L, Rietjens SJ, Dekker D, de Lange DW. Predicting the need for hospitalization of intoxicated patients: a pilot study. EUROTOX 2019, 55th Congress of the European Societies of Toxicology, 8-11 September, Helsinki, Finland (Abstract + Poster).

de Korte T, Nacken P, Zwartsen A, de Lange DW, Westerink RHS, Hondebrink L. Cardiotoxicity screening of recreational drugs in human iPSC-derived cardiomyocytes using microelectrode array (MEA) recordings. SPS 2019, Safety Pharmacology Society Annual Meeting September 23-26, 2019, Barcelona, Spain (Abstract + Poster).

Mulder-Spijkerboer HN, Kan AA, Komen MCM, de Lange DW. Exposures to hogweed (*Heracleum* spp.) including systemic effects after ingestion of 'giant hogweed soup'. 6th International Toxinology Meeting Venoms and Toxins 2019, 28th-29th August 2019, Oxford, United Kingdom (Abstract + Poster).

Nugteren-van Lonkhuyzen JJ, Hondebrink L, van den Hengel-Koot IS, Rietjens SJ, Venhuis B, van Riel AJHP. Alpha-PVP: a media hype? VI International Conference on Novel Psychoactive Substances (NPS), April 8-9, 2019, Maastricht, Netherlands (Abstract + Poster).

Oerlemans C, Visser CC, van Velzen AG, Mulder-Spijkerboer HN, de Lange DW, van Riel AJHP, de Vries I. Increasing number of intoxications with opioid analgesics – details from consultations with the Dutch Poisons Information Center. NVT 2019, 40th Annual Meeting of the Netherlands Society of Toxicology, 12-13 June Ede, The Netherlands (Abstract + Poster).

van Riel AJHP, Wijnands-Kleukers APG, Dekker D, de Vries I, de Lange DW. Death on demand: public debate leads to increasing use of "suicide powders". 39th International Congress of the European Association of Poisons Centres and Clinical Toxicologists (EAPCCT) 21-24 May 2019, Naples, Italy. *Clinical Toxicology* 2019; 57(6): 534-535 (Abstract + Oral Presentation).

Rietjens SJ, Hondebrink L, van Hoof FKJ, de Vries I. Triage of patients with venlafaxine overdose: setting a dose threshold for hospital referral. 39th International Congress of the European Association of Poisons Centres and Clinical Toxicologists (EAPCCT) 21-24 May 2019, Naples, Italy. *Clinical Toxicology* 2019; 57(6): 446-447 (Abstract + Poster).

Rietjens SJ, van der Heijden JEM, van Velzen AG, de Lange DW. Poisoning in the elderly: strong increase in the number of enquiries to the Dutch Poisons Information Center. NVT 2019, 40th Annual Meeting of the Netherlands Society of Toxicology, 12-13 June Ede, The Netherlands (Abstract + Poster + Poster pitch).

Roelen CCJ, van Riel AJHP, Venhuis BJ, Ohana D, Verputten PM, de Vries I. Octodrine adulteration in sports supplements: two cases of adverse effects in healthy young men. 39th International Congress of the European Association of Poisons Centres and Clinical Toxicologists (EAPCCT) 21-24 May 2019, Naples, Italy. *Clinical Toxicology* 2019; 57(6): 488-489 (Abstract + Poster).

van Velzen AG, de Vries I, de Lange DW. Most intoxications with macrolide antibiotics are the result of a medication error. 39th International Congress of the European Association of Poisons Centres and Clinical Toxicologists (EAPCCT) 21-24 May 2019, Naples, Italy. *Clinical Toxicology* 2019; 57(6): 493 (Abstract + Poster).

Venster I, Hunault CC, van Velzen AG, van Zoelen GA, de Vries I. Does the use of extensive monographs influence the duration of telephone calls at a poison center? A pilot study. 39th International Congress of the European Association of Poisons Centres and Clinical Toxicologists (EAPCCT) 21-24 May 2019, Naples, Italy. *Clinical Toxicology* 2019; 57(6): 448 (Abstract + Poster).

Verputten PM, Rietjens SJ, Hengel – Koot IS, Contrucci RR, Nugteren – van Lonkhuyzen JJ, de Lange DW, Hondebrink L. Injection of cathinones: exposures reported to the Dutch Poisons Information Center. VI International Conference on Novel Psychoactive Substances (NPS), April 8-9, 2019, Maastricht, Netherlands (Abstract + Poster).

Visser CC, Oerlemans C, van Velzen AG, Mulder-Spijkerboer HN, de Lange DW, van Riel AJHP, de Vries I. Increased number of consultations on opioid analgesics at the Dutch Poisons information Center: highlighting oxycodone. 39th International Congress of the European Association of Poisons Centres and Clinical Toxicologists (EAPCCT) 21-24 May 2019, Naples, Italy. *Clinical Toxicology* 2019; 57(6): 491-492 (Abstract + Poster).

Wijnands-Kleukers APG, Sikma MA, Dijkman W, Brogtrop J, Kamps MJA, de Lange DW. Beware of inhalatory methanol poisoning in illegal drug production. 39th International Congress of the European Association of Poisons Centres and Clinical Toxicologists (EAPCCT) 21-24 May 2019, Naples, Italy. *Clinical Toxicology* 2019; 57(6): 580-581 (Abstract + Poster).

Zwartsen A, Hondebrink L, Westerink RHS Effects of new psychoactive substances on neuronal activity *in vitro* measured using microelectrode arrays (MEAs) in rat primary cortical cultures following acute and prolonged exposure and washout. SOT 2019 Society of Toxicology, 58th Annual Meeting and ToxExpo, March 10-14, 2019, Baltimore, USA (Abstract + Poster).

Zwartsen A, Westerink RHS, Hondebrink L. Assessing reversibility of effects of acute and prolonged exposure to new psychoactive substances on neuronal activity *in vitro* to mimic human exposure. VI International Conference on Novel Psychoactive Substances (NPS), April 8-9, 2019, Maastricht, Netherlands (Abstract + Oral presentation).

Zwartsen A, Hondebrink L, van den Berg M, de Lange DW, Westerink RHS. Characterizing neurotoxic hazards of new psychoactive substances (NPS). NVT 2019, 40th Annual Meeting of the Netherlands Society of Toxicology, 12-13 June Ede, The Netherlands (Platform presentation).