

NVIC Publicaties 2025

Artikelen

Balster R, Hondebrink L, Boel TT, van de Velde B, van der Linden PD, Butterhoff-Terlingen MH. Intoxicatie met een nitazeen. [Intoxication with a nitazene; new potent synthetic opioids on a rise]. Ned Tijdschr Geneeskd. 2025; 169:D8498.

van Dijken GD, Hofsteede JSWR, Hoek AE, Dekker D, de Lange DW. Genre of Music Festivals as a predictor for Medical Utilization Rate. Prehosp Emerg Care. 2026;30(2):332-337 (Epub 2025 Apr 14)

Dijkman MA, Robben JH, de Lange DW, Bates N. Poison information centres are under pressure because of animal-related poison enquiries: a European survey. Clin Toxicol (Phila). 2025;63(9):656-665

Frantzen MGM, Gresnigt FMJ, Litsenburg van RTH, Franssen EJJ. Clinical evaluation of oral fluid Point-of-Care testing for drugs of abuse compared to urinary Point-of-Care testing at a large-scale music festival. Toxicol Rep. 2026;16:102192 (Epub 2025 Dec 18)

Graafsma J, Cimic N, Dijkman M, Gresnigt FMJ, Mitrovic D, Smit C. Digoxin toxicity with therapeutic serum digoxin concentrations. Toxicol Rep. 2025;15:102079

Gresnigt FMJ, Franssen EJJ, de Lange DW, Riezebos R. Acute cardiovasculaire klachten na drugsgebruik. [Acute cardiovascular complaints after recreational drug use]. Ned Tijdschr Geneeskd. 2025;169:D8569

Gresnigt F, van Essen J, Hunault C, Franssen E, de Lange DW, Riezebos R. Comparative evaluation of the ability to detect major cardiac events with the modified cocaine history, electrocardiogram, age, risk factors and troponin (HEART) score, HEART pathway and original HEART score in patients with cocaine-associated chest pain presenting at the emergency department. Clin Toxicol (Phila). 2025;63(5):317-324

Gresnigt FMJ, van Essen JJW, Hunault CC, Franssen EJJ, de Lange DW, Riezebos RK. Performance of the modified cocaine HEART score, HEART pathway and traditional HEART score in Patients with Cocaine Associated Chest Pain presenting at the Emergency Department Clin Toxicol (Phila). 2025;63(5):317-324

Hunault CC, de Lange D, Zwaag S. Comment on INTOXICATE-US: validation of the INTOXICATE model in an American health care system. Clin Toxicol (Phila). 2026;64(1):73-74 (Epub 2025 Dec 4)

Hüser C, Bethlehem C, Dünser MW, Genbrugge C, Ghannoum M, Hoegberg LCG, Van der Linden L, Roedl K, Sabbe M, Sikma MA, Vodovar D, Mégarbane B; ESICM Trauma, Emergency Medicine Section. Critical care management of the patient with pharmaceutical poisoning. Intensive Care Med. 2025;51(12):2378-2391.

Kader A, Hermanns-Clausen M, van Riel A, Faber K, Hondebrink L. Advancing toxicovigilance of recreational drugs, including new psychoactive substances, by using data from four European poison centres. *Clin Toxicol (Phila)*. 2025;63(1):23-31

Koppen A, Sikma MA, Engels FK, Heerma van Voss MR, Chamuleau MED, Bartelink IH, Dijkman MA. Methotrexate toxicity and glucarpidase: A call for dose optimization. *Br J Clin Pharmacol*. 2025;91(5):1289-1292

Koppen A, Sikma MA, Engels FK, Heerma van Voss MR, Chamuleau MED, Bartelink IH, Dijkman MA. Reply to: 'Methotrexate toxicity and glucarpidase: A call for dose optimization'. *Br J Clin Pharmacol*. 2025;91(9):2764-2766

Koppen A, Mian P, Sturkenboom MGG. Treatment of Acute Paracetamol Overdose: A Comprehensive Overview. *Ther Drug Monit*. 2026;48(2):220-228 (Epub 2025 Oct 31)

Koppen A, Dekker D, de Lange DW, Postema HE, Bouma HR, Sturkenboom MGG. Behandeling bij paracetamolintoxicatie kan korter [Treatment of paracetamol poisoning can be shortened]. *Ned Tijdschr Geneeskd*. 2025;169:D8624.

Lyphout C, De Paepe P, Dines AM, Eyer F, Giraudon I, Heyerdahl F, Hovda KE, Liechti ME, Miró Ò, Vallersnes OM, Wood DM, Yates C, Dargan PI, Mégarbane B; Euro-DEN research group. Emergency Department Presentations Related to the Abuse of Illicit and Prescription Opioids Through a European Sentinel-centres-Based Registry. *J Addict Med*. 2025; Online ahead of print. (Epub 2025 Dec 17)

Marongiu S, van Eijk M, Gresnigt FMJ, Croes EA, Franssen EJJ. Rising incidence of recreational ketamine use: Clinical cases and management in emergency settings. *Toxicol Rep*. 2025;14:101940

McDermott FM, Kan AA, Hunault CC, Robben JH, de Lange DW, Dijkman MA. Case report: Successful treatment of a thallium sulfate intoxication in a dog with use of Prussian blue. *Front Vet Sci*. 2025;12:1528327.

Miró Ò, Galicia M, Dargan PI, Wood DM, Dines AM, Heyerdahl F, Hovda KE, Liechti M, Vallersnes OM, Eyer F, Burillo-Putze G; Euro-DEN Plus Research Group. Age and sex related differences in clinical manifestations and severity of acute cocaine toxicity presentations to European emergency departments. *Am J Emerg Med*. 2025;96:151-160.

Miró Ò, Galicia M, Dargan PI, Wood DM, Dines AM, Heyerdahl F, Hovda KE, Liechti M, Vallersnes OM, Eyer F, Burillo-Putze G; Euro-DEN Plus Research Group. Corrigendum to "Age and sex related differences in clinical manifestations and severity of acute cocaine toxicity presentations to European emergency departments". *Am J Emerg Med*. 2025;96:304-305

Miró Ò, Galicia M, Dargan PI, Wood DM, Dines AM, Heyerdahl F, Hovda KE, Isabelle Giraudon I, Yates C, Liechti M, Vallersnes OM, Eyer F, Euro-DEN Plus Research Group, Burillo-Putze G. Changes in clinical features and severity in patients presenting to European emergency departments with acute cannabis toxicity over the 10-year period from 2013 to 2022. *Addiction*. 2026;121(2):316-330 (Epub 2025 Nov 13)

Ouwerkerk JJJ, Wood DM, Dines AM, Yates C, Eyer F, Heyerdahl F, Giraudon I, Hovda KE, Liechti ME, Miró Ò, Vallersnes OM, Dargan PI, Gresnigt FMJ. Differences in the clinical presentation of acute 3,4-methylenedioxymetamphetamine intoxication by co-intoxication and patient sex to European emergency departments. *Clin Toxicol (Phila)*. 2025;63(3):183-192.

Ouwerkerk JJJ, Gresnigt FMJ, Lijmer JG, Kraaijvanger N. Agitatie inschatten, escalatie voorkomen. [Assessing agitation, preventing escalation]. *Ned Tijdschr Geneeskd*. 2025;169:D8516

van Riel AJHP, van der Sanden WMH, de Kort LMO. Increased recreational ketamine use and subsequent outbreak of urological complications in The Netherlands. *Clin Toxicol (Phila)*. 2025;63(8):545-549

Thoonen IM, Rietjens SJ, Koppen A, de Lange DW, Nugteren-van Lonkhuyzen JJ. Strong increase in the number of intoxications involving psychoactive drugs among adolescents reported to the Dutch Poisons Information Center from 2014–2023. *Int J Drug Policy*. 2025;142:104860

Wijnands APG, Koppen A, de Vries I, de Lange DW, Rietjens SJ. Poison Center Surveillance of Occupational Incidents with Hazardous Materials (2016-2023): Insights for Risk Mitigation and Incident Preparedness. *Int J Environ Res Public Health*. 2025;22(2):158

Zuidema MJ, Reimerink E, Akhoundzadeh D, van den Bogaard B, Gresnigt FMJ. Acute complications and treatment in critically ill patients with 3,4-methylenedioxymetamphetamine intoxication: a 10-year retrospective observational study in an intensive care unit in an Amsterdam hospital. *Clin Toxicol (Phila)*. 2025;63(3):176-182

Zwaag SM, de Lange DW, Brinkman SS, van den Hengel-Koot IS, Hunault CC. Can the intensive care requirement score improve triage at the emergency department for acutely intoxicated patients? *Clin Toxicol (Phila)*. 2025;63(11):849-85

Abstracts

Dijkman MA, Robben JH, de Lange DW, Bates N. Animal-related enquiries, a pleasure or burden for human-based Poison Information Centres? *Clin Toxicol (Phila)*. 2025;63(S2):95-96

De Groot R, van Riel A, van Zoelen G, Ruijten M, Liedenbaum M, de Lange D. A realistic approach to managing chemically contaminated patients in hospitals. *Nederlandse Vereniging van Toxicologie (NVT) 2025*, abstract 65 (meeting2025.toxicologie.nl/)

Hondebrink L, Kade A, Jagpal PS, Arif T, Faber K, Hermanns-Clausen FM. Common recreational drug poisonings reported to 6 European Poison Information Centers from 2021-2024. *Clin Toxicol (Phila)*. 2025;63(S2):27

Hondebrink L, Nugteren-van Lonkhuyzen JJ, van den Hengel-Koot IS, van Riel AJHP, Jansen P, Coenraads MHJC. Incidents with recreational nitrous oxide use before and after legislation: Poisonings and police incidents in The Netherlands. *Clin Toxicol (Phila)*. 2025;63(S2):27-28

Hondebrink L, Nugteren-van Lonkhuyzen JJ, van den Hengel-Koot IS, van Riel AJHP, Jansen P, Coenraads MHJC. Incidents with recreational nitrous oxide use before and after legislation: Poisonings and police incidents in The Netherlands. *Nederlandse Vereniging van Toxicologie (NVT) 2025*, abstract 45 (meeting2025.toxicologie.nl/)

Hondebrink L, Kade A, Jagpal PS, Arif T, Faber K, Hermanns-Clausen M. Common recreational drug poisonings reported to 6 European Poison Information Centers from 2021-2024. *Nederlandse Vereniging van Toxicologie (NVT) 2025*, abstract 46 (meeting2025.toxicologie.nl/)

Ten Hoop S, Westra J, Nijhoff J, Touw D, Sturkenboom M, Verkooijen R, Gresnigt F, Franssen E. Familial Lead Poisoning with Retrospective Exposure Dating by Hair Analysis: A Case Series of Six Household Members. 2025, NVZA Ziekenhuisfarmaciedagen

Hulskemper MF, Leegwater E, van Rijckevorsel DCM, de Lange DW, Koppen A. Exposure to smoke from a combusting lithium-ion battery in an electric automobile: A case report. *Clin Toxicol (Phila)*. 2025;63(S2):136

Koppen A, Pouwels LPM, de Lange DW, Wijnands APG. Acute health impact of lithium-ion battery smoke: Insights from an observational study. *Clin Toxicol (Phila)*. 2025;63(S2):50

Oerlemans C, Wijnands APG, Venster I, Menses RS, van Riel AJHP. Improving web-based toxicological information for medical professionals in the Netherlands. *Clin Toxicol (Phila)*. 2025;63(S2):110

Ouwerkerk JJJ, Wood DM, Dines AM, Yates C, Eye, F, Heyerdahl F, Giraudon I, Hovda KE, Liechti ME, Miró Ò, Vallersnes OM, Dargan PI, Gresnigt FMJ. Differences in clinical presentation of acute MDMA intoxication by co-intoxication and sex to European

emergency departments, a European Drug Emergencies Network (Euro-Den) Plus study. Clin Toxicol (Phila). 2025;63(S2):5

Roelen CCJ, van Riel AJHP, de Lange DW. Antihistamine misuse in Dream Juice: A call for help. Clin Toxicol (Phila). 2025;63(S2):53

Thielman AM, van den Hengel-Koot IS, Nugteren-van Lonkhuyzen JJ, van den Berg JDJ, Hondebrink L. Edibles containing (semi-synthetic) cannabinoids on the rise in the Netherlands: Poisonings and forensic samples. Clin Toxicol (Phila). 2025;63(S2):7-8

Thoonen IMJ, Menses RS, van Zoelen GA. Navigating through the renewed medical device regulation: Our path to CE-certification for poison center software. Clin Toxicol (Phila). 2025;63(S2):110-111

Van den Hengel-Koot IS, Hondebrink L, van Riel AJHP, Nugteren-van Lonkhuyzen JJ. Inquiries to the Dutch Poisons Information Center (DPIC) involving illegally obtained prescription benzodiazepines. Clin Toxicol (Phila). 2025;63(S2):33-34

Van den Hengel-Koot IS, Zwaag SM, Hunault CC, de Lange DW. Does informed consent influence the outcome? Preliminary experience in the INTOXICATE study, a prospective international observational study. Clin Toxicol (Phila). 2025;63(S2):139

Visser CC, Kan AA, van Riel AJHP, de Lange DW, Dijkman MA. Toxicovigilance: Which veterinary medications are humans exposed to, and why? Clin Toxicol (Phila). 2025;63(S2):1-2

Wijnands APG, Koppen A, de Vries I, de Lange DW, Rietjens SJ. Increase in occupational HAZMAT incidents reported to the Dutch Poisons Information Centre (DPIC) between 2016 and 2023. Clin Toxicol (Phila). 2025;63(S2):120-121