## Bibliography *for* GHB Harm Reduction

Want to read some of the research for yourself? Here are some assembled citations on GHB and what does - and *doesn't* - work to reduce its harmful tendencies in the current research literature. As mentioned in our write up, study quality varies wildly in this field and there are often lengthy caveats attached to when any given conclusion might be applicable for practical purposes outside the lab. Be sure to check out the methodology section before taking the abstract as the gospel truth. We'll update this as we find more geeky goodies to share.

Absalom, Nathan, et al. " $\alpha 4\beta \delta$  GABAA receptors are high-affinity targets for  $\gamma$ -hydroxybutyric acid (GHB)." *Proceedings of the National Academy of Sciences* 109.33 (2012): 13404-13409.

Aromatario, Mariarosaria, et al. "New "lethal highs": a case of a deadly cocktail of GHB and Mephedrone." *Forensic science international* 223.1-3 (2012): e38-e41

Beurmanjer, Harmen. When the party is over: Addressing clinical challenges in patients with GHB use disorders. Diss. [SI]:[Sn], 2021.

Bosch, Oliver G., et al. "Reconsidering GHB: orphan drug or new model antidepressant?." *Journal of psychopharmacology* 26.5 (2012): 618-628.

Brailsford, Alan D., David A. Cowan, and Andrew T. Kicman. "Pharmacokinetic properties of γ-hydroxybutyrate (GHB) in whole blood, serum, and urine." *Journal of Analytical Toxicology* 36.2 (2012): 88-95.

Brennan, Rebekah, and Marie Claire Van Hout. "Gamma-hydroxybutyrate (GHB): a scoping review of pharmacology, toxicology, motives for use, and user groups." *Journal of psychoactive drugs* 46.3 (2014): 243-251.

Brunt, Tibor M, Jan GC van Amsterdam, and Wim van den Brink. "GHB, GBL and 1, 4-BD Addiction." *Current Pharmaceutical Design* 20.25 (2014): 4076-4085.

Brunt, Tibor M., et al. "Sociodemographic and substance use characteristics of gamma hydroxybutyrate (GHB) dependent inpatients and associations with dependence severity." *Drug and alcohol dependence* 131.3 (2013): 316-319.

Busardò, Francesco P., et al. "Clinical applications of sodium oxybate (GHB): from narcolepsy to alcohol withdrawal syndrome." *Eur Rev Med Pharmacol Sci* 19.23 (2015): 4654-4663.

Busardò, Francesco P., et al. "Twelve months monitoring of hair GHB decay following a single dose administration in a case of facilitated sexual assault." *Drug testing and analysis* 9.6 (2016): 953-956.

Busardò, Francesco P., et al. "Replacing GHB with GBL in recreational settings: a new trend in chemsex." *Current Drug Metabolism* 19.13 (2018): 1080-1085.

Busardo, Francesco, and Alan W Jones. "GHB pharmacology and toxicology: acute intoxication, concentrations in blood and urine in forensic cases and treatment of the withdrawal syndrome." *Current neuropharmacology* 13.1 (2015): 47-70.

Corkery, John M., et al. "Deaths in the lesbian, gay, bisexual and transgender United Kingdom communities associated with GHB and precursors." *Current drug metabolism* 19.13 (2018): 1086-1099.

Corkery, John M., et al. "Gamma hydroxybutyrate (GHB), gamma butyrolactone (GBL) and 1, 4-butanediol (1, 4-BD; BDO): a literature review with a focus on UK fatalities related to non-medical use." *Neuroscience & Biobehavioral Reviews* 53 (2015): 52-78.

Darke, Shane, et al. "Characteristics and circumstances of death related to gamma hydroxybutyrate (GHB)." *Clinical toxicology* 58.11 (2020): 1028-1033.

Dijkstra, Boukje, et al. "Unity in diversity: a systematic review on the GHB using population." *International Journal of Drug Policy* 94 (2021): 103230.

Dijkstra, Boukje AG, et al. "Detoxification with titration and tapering in gamma-hydroxybutyrate (GHB) dependent patients: the Dutch GHB monitor project." *Drug and Alcohol Dependence* 170 (2017): 164-173.

Dutch, Martin J., and Kristy B. Austin. "Hospital in the field: prehospital management of GHB intoxication by medical assistance teams." *Prehospital and disaster medicine* 27.5 (2012): 463-467.

Feigenbaum, Jeffrey J., and Sherrel G. Howard. "Naloxone reverses the inhibitory effect of γ-hydroxybutyrate on central DA release in vivo in awake animals: a microdialysis study." *Neuroscience letters* 218.1 (1996): 5-8.

Galicia, Miguel, et al. "Clinical relevance of ethanol coingestion in patients with GHB/GBL intoxication." *Toxicology letters* 314 (2019): 37-42.

Jamey, Carole, et al. "Fatal combination with 3-methylmethcathinone (3-MMC) and gamma-hydroxybutyric acid (GHB)." *Journal of Analytical Toxicology* 40.7 (2016): 546-552

Kapitány-Fövény, Máté, et al. "Enhancing sexual desire and experience: an investigation of the sexual correlates of gamma-hydroxybutyrate (GHB) use." *Human Psychopharmacology: Clinical and Experimental* 30.4 (2015): 276-284.

Kapitány-Fövény, Máté, et al. "GHB-involved crimes among intoxicated patients." *Forensic science international* 275 (2017): 23-29

Krul, Jan, and Armand RJ Girbes. "Gamma-hydroxybutyrate: experience of 9 years of gamma-hydroxybutyrate (GHB)-related incidents during rave parties in The Netherlands." *Clinical Toxicology* 49.4 (2011): 311-315.

Leone, Maurizio A., et al. "Gamma-hydroxybutyrate (GHB) for treatment of alcohol withdrawal and prevention of relapses." *Cochrane database of systematic reviews* 2 (2010).

Mehling, Lena-Maria, et al. "Drug facilitated sexual assault with lethal outcome: GHB intoxication in a six-year-old girl." *Forensic science international* 259 (2016): e25-e31.

Morse, Bridget L., Nisha Vijay, and Marilyn E. Morris. "γ-Hydroxybutyrate (GHB)-induced respiratory depression: combined receptor-transporter inhibition therapy for treatment in GHB overdose." *Molecular pharmacology* 82.2 (2012): 226-235.

Okun, Michael S., et al. "GHB: an important pharmacologic and clinical update." *J Pharm Pharm Sci* 4.2 (2001): 167-75

Oliveto, Alison, et al. "Behavioral effects of gamma-hydroxybutyrate (GHB) in humans." *Behavioural pharmacology* 21.4 (2010): 332

Pereira, Filipa Raposo, et al. "Adverse effects of GHB-induced coma on long-term memory and related brain function." *Drug and Alcohol Dependence* 190 (2018): 29-36

Pereira, Filipa Raposo, et al. "Demographic and clinical characteristics of regular GHB-users with and without GHB-induced comas." *Substance Use & Misuse* 55.13 (2020): 2148-2155

Pereira, Filipa Raposo, et al. "Effects of recreational GHB use and multiple GHB-induced comas on brain structure and impulsivity." *Frontiers in Psychiatry* 11 (2020): 166

Pereira, Filipa Raposo, et al. "Influence of gamma-hydroxybutyric acid-use and gamma-hydroxybutyric acid-induced coma on affect and the affective network." *European Addiction Research* 25.4 (2019): 173-181

Pereira, Filipa Raposo, et al. "Recreational use of GHB is associated with alterations of resting state functional connectivity of the central executive and default mode networks." *Human brain mapping* 40.8 (2019): 2413-2421.

Snead, O. Carter, and Larry J. Bearden. "Naloxone overcomes the dopaminergic, EEG, and behavioral effects of y-hydroxybutyrahe." *Neurology* 30.8 (1980): 832-832

Stein, L. A. R., et al. "A web-based study of gamma hydroxybutyrate (GHB): Patterns, experiences, and functions of use." *The American Journal on Addictions* 20.1 (2011): 30-39.

van Amsterdam, Jan., et al. "Cognitive impairment due to intensive use and overdoses of gammahydroxybutyric acid (GHB)." *Tijdschrift voor Psychiatrie* 54.12 (2012): 1001-1010.

van Amsterdam, Jan., et al. "Cognitive Impairment Following Clinical or Recreational Use of Gammahydroxybutyric Acid (GHB): A Systematic Review." *Current neuropharmacology* 20.4 (2022): 809-819.

van Amsterdam, Jan, et al. "Possible long-term effects of γ-hydroxybutyric acid (GHB) due to neurotoxicity and overdose." *Neuroscience & Biobehavioral Reviews* 36.4 (2012): 1217-1227.

van Amsterdam, Jan GC, et al. "Risk assessment of gamma-hydroxybutyric acid (GHB) in the Netherlands." *Regulatory Toxicology and Pharmacology* 63.1 (2012): 55-63.

van Amsterdam, Jan, et al. "Risk assessment of GBL as a substitute for the illicit drug GHB in the Netherlands. A comparison of the risks of GBL versus GHB." *Regulatory Toxicology and Pharmacology* 70.2 (2014): 507-513

van Nieuwenhuijzen, Petra S., et al. "Residual social, memory and oxytocin-related changes in rats following repeated exposure to γ-hydroxybutyrate (GHB), 3, 4-methylenedioxymethamphetamine (MDMA) or their combination." *Psychopharmacology* 212 (2010): 663-674.

van Noorden, Martijn S., et al. "Gamma-hydroxybutyric acid (GHB) dependence and the GHB withdrawal syndrome: diagnosis and treatment." *Nederlands tijdschrift voor geneeskunde* 154 (2010): A1286-A1286.