Epidemiology, risk factors and outcome of concurrent use of alcohol and benzodiazepines

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Aim

 To describe the phenomenon of concurrent use of alcohol and benzodiazepines using a longitudinal general population-based Northern Finland Birth Cohort 1966 with nationwide register linkages for ICD-10 disorders



Why is this important?

- Harmful use of alcohol is a significant contributor of disease burden worldwide (WHO 2018)
 - Causal factor in more than 200 disease and injury conditions
- Benzodiazepine misuse is a growing public health problem (Votaw 2019)
 - Overdoses, prescription numbers
 - Psychiatric comorbidity (depression, anxiety)
- Benzodiazepines and alcohol share similar pharmacological properties
 - Introducing potential and unpredictable interactions that can be fatal (Calhoun, 1996)





Methods: Population

- NFBC 1966 included all mothers with expected date of delivery between 1st of January to 31st December 1966
- Children: 12 231
- 96 % of all births







