



Urinary incontinence associated with anxiety and depression: the impact of psychotropic drugs in a cross-sectional study from the Norwegian HUNT study.

<https://arctichealth.org/en/permalink/ahliterature304267>

Author: Gunhild Felde
Anders Engeland
Steinar Hunskaar

Author Affiliation: Department of Global Public Health and Primary Care, University of Bergen, Postboks 7804, 5020, Bergen, Norway. gunhild.felde@uib.no.

Source: BMC Psychiatry. 2020 11 02; 20(1):521

Date: 11-02-2020

Language: English

Publication Type: Journal Article
Research Support, Non-U.S. Gov't

Keywords: Anxiety - complications - epidemiology
Cross-Sectional Studies
Depression - complications - epidemiology
Female
Humans
Norway - epidemiology
Prevalence
Psychotropic Drugs - adverse effects
Urinary Incontinence

Abstract: Anxiety and depression are in both cross-sectional and longitudinal studies associated with urinary incontinence (UI) in women, strongest for the urgency component of UI. The role of psychotropic drugs in this association, especially antidepressants, has been questioned, but not clarified. The present study aimed to explore the associations between UI and anxiety/depression and the possible impact of psychotropic drugs on these associations.

We conducted a cross-sectional, population-based study with questionnaire data from 21,803 women ≥ 20 years in the Norwegian Nord-Trøndelag Health Study merged with the Norwegian Prescription Database, which contains information on all dispensed prescriptions. We used multivariate logistic regression to investigate the association between UI (any UI, and by type and severity) and anxiety/depression (by different score on Hospital anxiety and depression scale), and the influence of psychotropic drugs on this association (by different volume of drug use).

Compared with normal anxiety- and depression score, having moderate/severe anxiety or depression (HADS=11) increased the prevalence of UI from 27.6 to 37.8% (OR 1.59 (1.40-1.81), p?

PubMed ID: 33138789 [View in PubMed](#)