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Distinctive use of newer and older antidepressants in major geographical areas: A nationally representative register-based study

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Abstract

Background

It is unknown whether newer, mainly selective serotonin reuptake inhibitors, and older tricyclic antidepressants are used similarly regardless of the geographical area of residence and education.

Methods

We included four randomly sampled cohorts of the Finnish working aged population (n=998,540–1,033,135). The sampling (Dec 31st in 1995, 2000, 2004 and 2010) resulted in non-overlapping time windows where each participant was followed up for four years for the first antidepressant use. Using Cox proportional hazards models, we examined whether the hazard of antidepressant use differed between the capital area and three other areas (Southern, Western and Northern/Eastern Finland). Educational differences were examined using four sub-groups: capital area/high education (reference category); other areas/high education; capital area/low education; and other areas/low education.

Results

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