



**Department of Clinical Neuroscience**  
Division of Insurance Medicine

## Curriculum Vitae – Name Antti Tanskanen

### Education

Title of Docent (Psychiatric Pharmacoepidemiology), University of Eastern Finland, 2021  
PhD, University of Eastern Finland, 2019  
PhLic, University of Jyväskylä, 2006  
MSc, University of Helsinki, 2002

### Current position

Senior researcher, Niuvanniemi hospital, Kuopio, Finland  
Project manager, CNS, Karolinska Institutet

### Earlier positions

Data manager, National Institute for Health and Welfare, Helsinki, Finland

### Publications

- 1 Hovatta I, Seppälä J, Pekkarinen P, Tanskanen A, Lönnqvist J, Peltonen L. Linkage analysis in two schizophrenic families originating from a restricted subpopulation of Finland. *Psychiatric Genetics*. 1994 Fall;4(3):143-52. doi: 10.1097/00041444-199400430-00004.
- 2 Suvisaari JM, Haukka J, Tanskanen A, Lönnqvist JK. Age at onset and outcome in schizophrenia are related to the degree of familial loading. *British Journal of Psychiatry*. 1998 Dec;173:494-500. doi: 10.1192/bjp.173.6.494.
- 3 Cannon M, Jones P, Huttunen MO, Tanskanen A, Huttunen T, Rabe-Hesketh S, Murray RM. School performance in Finnish children and later development of schizophrenia: a population-based longitudinal study. *Archives of General Psychiatry*. 1999 May;56(5):457-63. doi: 10.1001/archpsyc.56.5.457.
- 4 Cannon M, Jones P, Huttunen O, Tanskanen A, Murray M. Motor co-ordination deficits as predictors of schizophrenia among Finnish school children. *Human Psychopharmacology: Clinical and Experimental*. 1999;14(7), 491-497.
- 5 Suvisaari J, Haukka J, Tanskanen A, Hovi T, Lönnqvist J. Association between prenatal exposure to poliovirus infection and adult schizophrenia. *American Journal of Psychiatry*. 1999 Jul;156(7):1100-2. doi: 10.1176/ajp.156.7.1100.
- 6 Suvisaari JM, Haukka JK, Tanskanen AJ, Lönnqvist JK. Decline in the incidence of schizophrenia in Finnish cohorts born from 1954 to 1965. *Archives of General Psychiatry*. 1999 Aug;56(8):733-40. doi: 10.1001/archpsyc.56.8.733.

Formaterat: Svenska (Sverige)

**Postal address**  
Karolinska Institutet  
Division of Insurance Medicine  
SE-171 77 STOCKHOLM  
Sweden

**Visiting address**  
Berzelius väg 3, 6th floor  
Solna

**Telephone**  
+46 8 524 832 24 (secretary)  
Email:

**Web**  
ki.se/im

- 7 Suvisaari JM, Haukka JK, Tanskanen AJ, Lönnqvist JK. Decreasing seasonal variation of births in schizophrenia. *Psychological Medicine*. 2000 Mar;30(2):315-24. doi: 10.1017/s0033291700001756.
- 8 Lichtermann D, Ekelund J, Pukkala E, Tanskanen A, Lönnqvist J. Incidence of cancer among persons with schizophrenia and their relatives. *Archives of General Psychiatry*. 2001 Jun;58(6):573-8. doi: 10.1001/archpsyc.58.6.573.
- 9 Machón RA, Huttunen MO, Mednick SA, Sinivuo J, Tanskanen A, Bunn Watson J, Henriksson M, Pyhälä R. Adult schizotypal personality characteristics and prenatal influenza in a Finnish birth cohort. *Schizophrenia Research*. 2002 Mar 1;54(1-2):7-16. doi: 10.1016/s0920-9964(01)00346-2.
- 10 Cannon M, Huttunen MO, Tanskanen AJ, Arseneault L, Jones PB, Murray RM. Perinatal and childhood risk factors for later criminality and violence in schizophrenia. Longitudinal, population-based study. *British Journal of Psychiatry*. 2002 Jun;180:496-501. doi: 10.1192/bjp.180.6.496.
- 11 Tiihonen J, Lönnqvist J, Wahlbeck K, Klaukka T, Tanskanen A, Haukka J. Antidepressants and the risk of suicide, attempted suicide, and overall mortality in a nationwide cohort. *Archives of General Psychiatry*. 2006 Dec;63(12):1358-67. doi: 10.1001/archpsyc.63.12.1358.
- 12 Leino T, Hoti F, Syrjänen R, Tanskanen A, Auranen K. Clustering of serotypes in a longitudinal study of *Streptococcus pneumoniae* carriage in three day care centres. *BMC Infectious Diseases*. 2008 Dec 30;8:173. doi: 10.1186/1471-2334-8-173.
- 13 Tiihonen J, Lönnqvist J, Wahlbeck K, Klaukka T, Niskanen L, Tanskanen A, Haukka J. 11-year follow-up of mortality in patients with schizophrenia: a population-based cohort study (FIN11 study). *Lancet*. 2009 Aug 22;374(9690):620-7. doi: 10.1016/S0140-6736(09)60742-X.
- 14 Clarke MC, Tanskanen A, Huttunen M, Whittaker JC, Cannon M. Evidence for an interaction between familial liability and prenatal exposure to infection in the causation of schizophrenia. *American Journal of Psychiatry*. 2009 Sep;166(9):1025-30. doi: 10.1176/appi.ajp.2009.08010031. Epub 2009 Jun 1.
- 15 Haukka J, Sankila R, Klaukka T, Lönnqvist J, Niskanen L, Tanskanen A, Wahlbeck K, Tiihonen J. Incidence of cancer and statin usage – record linkage study. *International Journal of Cancer*. 2010 Jan 1;126(1):279-84. doi: 10.1002/ijc.24536.
- 16 Haukka J, Sankila R, Klaukka T, Lönnqvist J, Niskanen L, Tanskanen A, Wahlbeck K, Tiihonen J. Incidence of cancer and antidepressant medication: record linkage study. *International Journal of Cancer*. 2010 Jan 1;126(1):285-96. doi: 10.1002/ijc.24537.
- 17 Auranen K, Mehtälä J, Tanskanen A, S Kaltoft M. Between-strain competition in acquisition and clearance of pneumococcal carriage – epidemiologic evidence from a longitudinal study of day-care children. *American Journal of Epidemiology*. 2010 Jan 15;171(2):169-76. doi: 10.1093/aje/kwp351. Epub 2009 Dec 6.
- 18 Miller B, Pihlajamaa J, Haukka J, Cannon M, Henriksson M, Heilä H, Huttunen M, Tanskanen A, Lönnqvist J, Suvisaari J, Kirkpatrick B. Paternal age and mortality in nonaffective psychosis. *Schizophrenia Research*. 2010 Aug;121(1-3):218-26. doi: 10.1016/j.schres.2010.01.020. Epub 2010 Feb 18.
- 19 Miller B, Suvisaari J, Miettunen J, Järvelin MR, Haukka J, Tanskanen A, Lönnqvist J, Isohanni M, Kirkpatrick B. Advanced paternal age and parental history of schizophrenia. *Schizophrenia Research*. 2011 Dec;133(1-3):125-32. doi: 10.1016/j.schres.2011.08.013. Epub 2011 Sep 19.
- 20 Clarke MC, Tanskanen A, Huttunen M, Leon DA, Murray RM, Jones PB, Cannon M. Increased risk of schizophrenia from additive interaction between infant motor developmental delay and obstetric complications:



evidence from a population-based longitudinal study. *American Journal of Psychiatry*. 2011 Dec;168(12):1295-302. doi: 10.1176/appi.ajp.2011.11010011. Epub 2011 Sep 2.

2012

21 Tanskanen A, Nillos LT, Lehtinen A, Nohynek H, Sanvictores DH, Simões EA, Tallo VL, Lucero MG; ARIVAC Consortium. Geographic Information System and tools of spatial analysis in a pneumococcal vaccine trial. *BMC Research Notes*. 2012 Jan 20;5:51. doi: 10.1186/1756-0500-5-51.

22 Clarke MC, Tanskanen A, Huttunen MO, Clancy M, Cotter DR, Cannon M. Evidence for shared susceptibility to epilepsy and psychosis: a population-based family study. *Biol Psychiatry*. 2012 May 1;71(9):836-9. doi: 10.1016/j.biopsych.2012.01.011. Epub 2012 Feb 25.

23 Sanvictores DH, Lucero MG, Nohynek H, Tallo VL, Tanskanen A, Nillos LT, Williams G; ARIVAC Consortium. The data management of a phase III efficacy trial of an 11-valent pneumococcal conjugate vaccine and related satellite studies conducted in the Philippines. *BMC Research Notes*. 2012 Jun 7;5:274. doi: 10.1186/1756-0500-5-274.

24 Purhonen M, Koponen H, Tiihonen J, Tanskanen A. Outcome of patients after market withdrawal of thioridazine: a retrospective analysis in a nationwide cohort. *Pharmacoeconomics and Drug Safety*. 2012 Nov;21(11):1227-31. doi: 10.1002/pds.3346. Epub 2012 Sep 2.

2013

25 Haapamäki J, Tanskanen A, Roine RP, Blom M, Turunen U, Mäntylä J, Färkkilä MA, Arkkila PE. Medication use among inflammatory bowel disease patients: excessive consumption of antidepressants and analgesics. *Scandinavian Journal of Gastroenterology*. 2013 Jan;48(1):42-50. doi: 10.3109/00365521.2012.743584. Epub 2012 Nov 19.

26 Clarke MC, Tanskanen A, Huttunen MO, Cannon M. Sudden death of father or sibling in early childhood increases risk for psychotic disorder. *Schizophrenia Research*. 2013 Feb;143(2-3):363-6. doi: 10.1016/j.schres.2012.11.024. Epub 2012 Dec 23.

27 Tolppanen AM, Taipale H, Koponen M, Lavikainen P, Tanskanen A, Tiihonen J, Hartikainen S. Use of existing data sources in clinical epidemiology: Finnish health care registers in Alzheimer's disease research - the Medication use among persons with Alzheimer's disease (MEDALZ-2005) study. *Clinical Epidemiology*. 2013 Aug 7;277-85. doi: 10.2147/CLEP.S46622.

28 Forsyth JK, Ellman LM, Tanskanen A, Mustonen U, Huttunen MO, Suvisaari J, Cannon TD. Genetic risk for schizophrenia, obstetric complications, and adolescent school outcome: evidence for gene-environment interaction. *Schizophrenia Bulletin*. 2013 Sep;39(5):1067-76. doi: 10.1093/schbul/sbs098. Epub 2012 Sep 1.

29 Auranen K, Rinta-Kokko H, Goldblatt D, Nohynek H, O'Brien KL, Satzke C, Simell B, Tanskanen A, Käyhty H; Pneumococcal Carriage Group (PneumoCarr). Colonisation endpoints in *Streptococcus pneumoniae* vaccine trials. *Vaccine*. 2013 Dec 17;32(1):153-8. doi: 10.1016/j.vaccine.2013.08.061. Epub 2013 Sep 7.

30 Auranen K, Rinta-Kokko H, Goldblatt D, Nohynek H, O'Brien KL, Satzke C, Simell B, Tanskanen A, Käyhty H. Design questions for *Streptococcus pneumoniae* vaccine trials with a colonisation endpoint. *Vaccine*. 2013 Dec 17;32(1):159-64. doi: 10.1016/j.vaccine.2013.06.105. Epub 2013 Jul 18.

2014



31 Taipale H, Koponen M, Tanskanen A, Tolppanen A-M, Tiihonen J, Hartikainen S. Antipsychotic polypharmacy among a nationwide sample of community-dwelling persons with Alzheimer's disease. *Journal of Alzheimer's Disease*. 2014 Jan 1;41(4):1223-8. doi: 10.3233/JAD-140282.

32 Root ED, Lucero M, Nohynek H, Anthamatten P, Thomas DS, Tallo V, Tanskanen A, Quiambao BP, Puumalainen T, Lupisan SP, Ruutu P, Ladesma E, Williams GM, Riley I, Simões EA. Distance to health services affects local-level vaccine efficacy for pneumococcal conjugate vaccine (PCV) among rural Filipino children. *Proceedings of the National Academy of Sciences of the United States of America*. 2014 Mar 4;111(9):3520-5. doi: 10.1073/pnas.1313748111. Epub 2014 Feb 18.

33 Taipale H, Tanskanen A, Koponen M, Tolppanen A-M, Tiihonen J, Hartikainen S. Antidementia drug use among community-dwelling individuals with Alzheimer's disease in Finland: a nationwide register-based study. *International Clinical Psychopharmacology*. 2014 Jul;29(4):216-23. doi: 10.1097/YIC.0000000000000032.

34 Taipale H, Koponen M, Tanskanen A, Tolppanen A-M, Tiihonen J, Hartikainen S. Antipsychotic doses among community-dwelling with Alzheimer disease in Finland. *Journal of Clinical Psychopharmacology*. 2014 Aug;34(4):435-40. doi: 10.1097/JCP.0000000000000133.

35 Tanskanen A, Taipale H, Koponen M, Tolppanen A-M, Hartikainen S, Ahonen R, Tiihonen J. From prescriptions to drug use periods – things to notice. *BMC Research Notes*. 2014 Nov 14;7(1):796. doi: 10.1186/1756-0500-7-796.

36 Taipale H, Koponen M, Tanskanen A, Tolppanen A-M, Tiihonen J, Hartikainen S. High prevalence of psychotropic drug use among persons with and without Alzheimer's disease in Finnish nationwide cohort. *European Neuropsychopharmacology*. 2014;24(11):1729-1737. doi: 10.1016/j.euroneuro.2014.10.004.

37 Torvinen-Kiiskinen S, Taipale H, Tanskanen A, Tiihonen J, Hartikainen S. Concomitant use of acetylcholine esterase inhibitors and urinary antispasmodics among Finnish community-dwelling persons with Alzheimer's disease. *Journal of Clinical Psychopharmacology*. 2014 Dec;34(6):722-7. doi: 10.1097/JCP.0000000000000218.

2015

38 Tanskanen A, Taipale H, Koponen M, Tolppanen A-M, Hartikainen S, Ahonen R, Tiihonen J. From prescription drug purchases to drug use periods – a second generation method (PRE2DUP). *BMC Medical Informatics and Decision Making*. 2015 Mar 25;15:21. doi: 10.1186/s12911-015-0140-z.

39 Torniainen M, Mittendorfer-Rutz E, Tanskanen A, Björkenstam C, Suvisaari J, Alexanderson K, Tiihonen J. Antipsychotic treatment and mortality in schizophrenia. *Schizophr Bull*. 2015 May;41(3):656-63. doi: 10.1093/schbul/sbu164. Epub 2014 Nov 24.

40 Tiihonen J, Lehti M, Aaltonen M, Kivivuori J, Kautiainen H, Virta L, Hoti F, Tanskanen A, Korhonen P. Psychotropic drugs and homicide: a prospective cohort study from Finland. *World Psychiatry*. 2015 Jun;14(2):245-247. doi 10.1002/wps.20220.

41 Taipale H, Koponen M, Tanskanen A, Tolppanen A-M, Tiihonen J, Hartikainen S. Long-term use of benzodiazepines and related drugs among community-dwelling individuals with and without Alzheimer's disease. *International Clinical Psychopharmacology*. 2015 Jul;30(4):202-8. doi: 10.1097/YIC.0000000000000080.

42 Toffol E, Hätönen T, Tanskanen A, Lönnqvist J, Wahlbeck K, Joffe G, Tiihonen J, Haukka J, Partonen T. Lithium is associated with decrease in all-cause and suicide mortality in high-risk bipolar patients: A nationwide registry-based prospective cohort study. *Journal of Affective Disorders*. 2015 Sep 1;183:159-65. doi: 10.1016/j.jad.2015.04.055. Epub 2015 May 8.



43 Koponen M, Taipale H, Tanskanen A, Tolppanen AM, Tiihonen J, Ahonen R, Hartikainen S. Long-term use of antipsychotics among community-dwelling persons with Alzheimer's disease: A nationwide register-based study. *European Neuropsychopharmacology*. 2015;Oct;25(10):1706-13. doi: 10.1016/j.euroneuro.2015.07.008. Epub 2015 Jul 21.

44 Koponen M, Tolppanen AM, Taipale H, Tanskanen A, Tiihonen J, Johnell K, Fastbom J, Ahonen R, Hartikainen S. Incidence of antipsychotic use in relation to diagnosis of Alzheimer's disease among community-dwelling persons. *British Journal of Psychiatry*. 2015 Nov;207(5):444-9. doi: 10.1192/bjp.bp.114.162834. Epub 2015 Oct 8.

45 Taipale H, Vuorikari H, Tanskanen A, Koponen M, Tiihonen J, Kettunen R, Hartikainen S. Prevalence of drug combinations increasing bleeding risk among warfarin users with and without Alzheimer's disease. *Drugs & Aging*. 2015 Nov;32(11):937-45. doi: 10.1007/s40266-015-0316-3.

2016

46 Saarelainen L, Taipale H, Koponen M, Tanskanen A, Tolppanen AM, Tiihonen J, Hartikainen S. The incidence of benzodiazepine and related drug use in persons with and without Alzheimer's disease. *Journal of Alzheimer's Disease*. 2016;49(3):809-18. doi: 10.3233/JAD-150630.

47 Taipale H, Purhonen M, Tolppanen A-M, Tanskanen A, Tiihonen J, Hartikainen S. Hospital care and drug costs from five years before until two years after the diagnosis of Alzheimer's disease in a Finnish nationwide cohort. *Scandinavian Journal of Public Health*. 2016 Mar;44(2):150-8. doi: 10.1177/1403494815614705. Epub 2015 Nov 9.

48 Tolppanen A-M, Ahonen R, Koponen M, Lavikainen P, Purhonen M, Taipale H, Tanskanen A, Tiihonen J, Tiihonen M, Hartikainen S. Month and season of birth as a risk factor for Alzheimer's disease – a nationwide nested case-control study. *Journal of Preventive Medicine and Public Health*. 2016 Mar;49(2):134-8. doi: 10.3961/jpmph.16.018. Epub 2016 Mar 23.

49 Tiihonen M, Taipale H, Tanskanen A, Tiihonen J, Hartikainen S. Incidence and duration of cumulative bisphosphonate use among community-dwelling persons with or without Alzheimer's disease *Journal of Alzheimer's Disease*. 2016;52(1):127-32. doi: 10.3233/JAD-151181.

50 Tiihonen J, Mittendorfer-Rutz E, Torniainen M, Alexanderson K, Tanskanen A. Mortality and cumulative exposure to antipsychotics, antidepressants, and benzodiazepines in patients with schizophrenia: an observational follow-up study. *American Journal of Psychiatry*. 2016 Jun 1;173(6):600-6. doi: 10.1176/appi.ajp.2015.15050618. Epub 2015 Dec 7.

51 Tolppanen AM, Taipale H, Koponen M, Lavikainen P, Tanskanen A, Tiihonen J, Hartikainen S. Cohort profile: the Finnish Medication and Alzheimer's disease (MEDALZ) study. *BMJ Open*. 2016 Jul 13;6(7):e012100. doi: 10.1136/bmjopen-2016-012100.

52 Taipale H, Tanskanen A, Koponen M, Tolppanen A-M, Tiihonen J, Hartikainen S. Agreement between PRE2DUP register data modeling method and comprehensive drug use interview among older persons. *Clinical Epidemiology*. 2016 Oct 11;8:363-371. doi: 10.2147/CLEP.S116160.

53 Taipale H, Koponen M, Tanskanen A, Tolppanen AM, Tiihonen J, Hartikainen S. Drug use in persons with and without Alzheimer's disease aged 90 years or more. *Age and Ageing*. 2016 Nov;45(6):900-904. Epub 2016 Sep 8.

54 Tolppanen AM, Taipale H, Tanskanen A, Tiihonen J, Hartikainen S. Comparison of predictors of hip fracture and mortality after hip fracture in community-dwellers with and without Alzheimer's disease - exposure-matched cohort study. *BMC Geriatrics*. 2016 Dec 1;16(1):204.



55 Tolppanen AM, Koponen M, Tanskanen A, Lavikainen P, Sund R, Tiihonen J, Hartikainen S, Taipale H. Antipsychotic use and risk of hospitalisation or death due to pneumonia in persons with and without Alzheimer's disease. *Chest*. 2016 Dec;150(6):1233-1241. doi: 10.1016/j.chest.2016.06.004.

2017

56 Puranen A, Taipale H, Koponen M, Tanskanen A, Tolppanen A-M, Tiihonen J, Hartikainen S. Incidence of antidepressant use in community-dwelling persons with and without Alzheimer's disease: 13-year follow-up. *International Journal of Geriatric Psychiatry*. 2017 Jan;32(1):94-101. doi: 10.1002/gps.4450.

57 Moga DC, Taipale H, Tolppanen AM, Tanskanen A, Tiihonen J, Hartikainen S, Wu Q, Jicha GA, Gnjjidic D. A comparison of sex differences in psychotropic medication use in older people with Alzheimer's disease in the US and Finland. *Drugs & Aging*. 2017 Jan;34(1):55-65. doi: 10.1007/s40266-016-0419-5.

58 Hyttinen V, Taipale H, Tanskanen A, Tiihonen J, Tolppanen AM, Hartikainen S, Valtonen H. Risk factors for initiation of potentially inappropriate medications in community-dwelling older adults with and without Alzheimer's Disease. *Drugs & Aging*. 2017 Jan;34(1):67-77. doi: 10.1007/s40266-016-0415-9.

59 Saarelainen L, Tolppanen A-M, Koponen M, Tanskanen A, Sund R, Tiihonen J, Hartikainen S, Taipale H. Risk of hip fracture in benzodiazepine users with and without Alzheimer's disease. *Journal of the American Medical Directors Association*. 2017 Jan;18(1):87.e15-87.e21. doi: 10.1016/j.jamda.2016.09.019. Epub 2016 Nov 12.

60 Koponen M, Taipale H, Lavikainen P, Tanskanen A, Tiihonen J, Tolppanen AM, Ahonen R, Hartikainen S. Risk of mortality associated with antipsychotic monotherapy and polypharmacy among community-dwelling persons with Alzheimer's Disease. *Journal of Alzheimer's Disease*. 2017;56(1):107-118. doi: 10.3233/JAD-160671.

61 Lampela P, Tolppanen AM, Tanskanen A, Tiihonen J, Hartikainen S, Taipale H. Anticholinergic exposure and risk of pneumonia in persons with Alzheimer's disease: a nested case-control study. *Journal of Alzheimer's Disease*. 2017;56(1):119-128. doi: 10.3233/JAD-160956.

62 Hamina A, Taipale H, Tanskanen A, Tolppanen A-M, Karttunen N, Pylkkänen L, Tiihonen J, Hartikainen S. Long-term use of opioids for non-malignant pain among community-dwelling persons with and without Alzheimer's disease in Finland: a nationwide register-based study. *Pain*. 2017 Feb;158(2):252-260. doi: 10.1097/j.pain.0000000000000752.

63 Tolppanen A-M, Voutilainen A, Taipale H, Tanskanen A, Lavikainen P, Koponen M, Tiihonen J, Hartikainen S. Regional changes in psychotropic use among Finnish persons with newly diagnosed Alzheimer's disease in 2005–2011. *PLoS One*. 2017 Mar 9;12(3):e0173450. doi: 10.1371/journal.pone.0173450.

64 Lampela P, Tolppanen A-M, Tanskanen A, Tiihonen J, Lavikainen P, Hartikainen S, Taipale H. Use of antimentia drugs and risk of pneumonia in older persons with Alzheimer's disease. *Annals of Medicine*. 2017 May;49(3):230-239. doi: 10.1080/07853890.2016.1254349. Epub 2016 Nov 29.

65 Koponen M, Taipale H, Lavikainen P, Tanskanen A, Tiihonen J, Tolppanen AM, Ahonen R, Hartikainen S. Antipsychotic use and the risk of hip fracture among community-dwelling persons with Alzheimer's disease. *Journal of Clinical Psychiatry*. 2017 Mar;78(3):e257-e263. doi: 10.4088/JCP.15m10458.

66 Hamina A, Taipale H, Tanskanen A, Tolppanen AM, Tiihonen J, Hartikainen S. Differences in analgesic use in community-dwelling persons with and without Alzheimer's disease. *European Journal of Pain*. 2017 Apr;21(4):658-667. doi: 10.1002/ejp.969. Epub 2016 Nov 14.

- 67 Taipale H, Tolppanen AM, Koponen M, Tanskanen A, Lavikainen P, Sund R, Tiihonen J, Hartikainen S. Risk of pneumonia associated with incident benzodiazepine use among community-dwelling adults with Alzheimer disease. *Canadian Medical Association Journal*. 2017 Apr 10;189(14):E519-E529. doi: 10.1503/cmaj.160126.
- 68 Imtiaz B, Taipale H, Tanskanen A, Tiihonen M, Kivipelto M, Heikkinen A-M, Tiihonen J, Soininen H, Hartikainen S, Tolppanen A-M. Risk of Alzheimer's disease among users of postmenopausal hormone therapy: a nationwide case-control study. *Maturitas*. 2017 Apr;98:7-13. doi: 10.1016/j.maturitas.2017.01.002. Epub 2017 Jan 9.
- 69 Taipale H, Koponen M, Tanskanen A, Lavikainen P, Tolppanen AM, Sund R, Tiihonen J, Hartikainen S. Use of benzodiazepines and related drugs is associated with a risk of stroke among persons with Alzheimer's disease. *International Clinical Psychopharmacology*. 2017 May;32(3):135-141. doi: 10.1097/YIC.000000000000161.
- 70 Wingård L, Bodén R, Brandt L, Tiihonen J, Tanskanen A, Kieler H, Andersen M, Reutfors J. Reducing the rehospitalization risk after a manic episode: A population based cohort study of lithium, valproate, olanzapine, quetiapine and aripiprazole in monotherapy and combinations. *Journal of Affective Disorders*. 2017 Aug 1;217:16-23. doi: 10.1016/j.jad.2017.03.054. Epub 2017 Mar 27.
- 71 Tiihonen J, Tanskanen A, Hoti F, Vattulainen P, Taipale H, Mehtälä J, Lähteenvuo M. Pharmacological treatments and risk of readmission to hospital for unipolar depression in Finland: a nationwide cohort study. *Lancet Psychiatry*. 2017 Jul;4(7):547-553. doi: 10.1016/S2215-0366(17)30134-7. Epub 2017 Jun 1.
- 72 Tiihonen J, Mittendorfer-Rutz E, Majak M, Mehtälä J, Hoti F, Jedenius E, Enksson D, Leval A, Sermon J, Tanskanen A, Taipale H. Real-world effectiveness of antipsychotic treatments in a nationwide cohort of 29 823 patients with schizophrenia. *JAMA Psychiatry*. 2017 Jul 1;74(7):686-693. doi: 10.1001/jamapsychiatry.2017.1322.
- 73 Taipale H, Koponen M, Tanskanen A, Lavikainen P, Sund R, Tiihonen J, Hartikainen S, Tolppanen AM. Risk of head and traumatic brain injuries associated with antidepressant use among community-dwelling persons with Alzheimer's disease: a nationwide matched cohort study. *Alzheimer's Research & Therapy*. 2017 Aug 1;9(1):59. doi: 10.1186/s13195-017-0285-3.
- 74 Tolppanen AM, Taipale H, Koponen M, Tanskanen A, Lavikainen P, Paananen J, Tiihonen J, Hartikainen S. Screening approach for identifying candidate drugs and drug-drug interactions related to hip fracture risk in persons with Alzheimer disease. *Pharmacoepidemiology and Drug Safety*. 2017 Aug;26(8):875-889. doi: 10.1002/pds.4232. Epub 2017 May 29.
- 75 Juntunen H, Taipale H, Tanskanen A, Tolppanen AM, Tiihonen J, Hartikainen S, Tiihonen M. Long-term use of proton pump inhibitors among community-dwelling persons with and without Alzheimer's disease. *European Journal of Clinical Pharmacology*. 2017 Sep;73(9):1149-1158. doi: 10.1007/s00228-017-2273-8. Epub 2017 Jun 2.
- 76 Hyttinen V, Taipale H, Tolppanen A-M, Tanskanen A, Tiihonen J, Hartikainen S, Valtonen H. Incident use of a potentially inappropriate medication and hip fracture in community-dwelling older persons with Alzheimer's disease. *Annals of Pharmacotherapy*. 2017 Sep;51(9):725-734. doi: 10.1177/1060028017708394. Epub 2017 May 9.
- \*77 Tanskanen A, Taipale H, Koponen M, Tolppanen A-M, Hartikainen S, Ahonen R, Tiihonen J. Drug exposure in register-based research – an expert-opinion based evaluation of methods. *PLoS One*. 2017 Sep 8;12(9):e0184070. doi: 10.1371/journal.pone.0184070.
- 78 Torvinen-Kiiskinen S, Tolppanen AM, Koponen M, Tanskanen A, Tiihonen J, Hartikainen S, Taipale H. Antidepressant use and risk of hip fractures among community-dwelling persons with and without Alzheimer's

disease. *International Journal of Geriatric Psychiatry*. 2017 32(12): e107-e115. doi: 10.1002/gps.4667. Epub 2017 Jan 5.

79 Taipale H, Tolppanen AM, Tiihonen M, Tanskanen A, Tiihonen J, Hartikainen S. No association between proton pump inhibitor use and risk of Alzheimer's disease. *American Journal of Gastroenterology*. 2017 Dec;112(12):1802-1808. doi: 10.1038/ajg.2017.196. Epub 2017 Jul 11.

2018

80 Rahman S, Wiberg M, Alexanderson K, Jokinen J, Tanskanen A, Mittendorfer-Rutz E. Trajectories of antidepressant medication use in individuals before and after being granted disability pension due to common mental disorders – a nationwide register-based study. *BMC Psychiatry*. 2018 Feb 13;18(1):47 doi: 10.1186/s12888-018-1628-8.

81 Tan ECK, Sluggett JK, Johnell K, Onder G, Elseviers M, Morin L, Vetrano DL, Wastesson JW, Fastbom J, Taipale H, Tanskanen A, Bell JS; Optimizing Geriatric Pharmacotherapy through Pharmacoepidemiology Network (OPPEN) Group. Research priorities for optimizing geriatric pharmacotherapy: an international consensus. *Journal of the American Medical Directors Association*. 2018 Mar;19(3):193-199. doi: 10.1016/j.jamda.2017.12.002. Epub 2018 Jan 17.

82 Saarelainen L, Tolppanen AM, Koponen M, Tanskanen A, Tiihonen J, Hartikainen S, Taipale H. Risk of death associated with new benzodiazepine use among persons with Alzheimer disease: A matched cohort study. *International Journal of Geriatric Psychiatry*. 2018 Apr;33(4):583-590. doi: 10.1002/gps.4821. Epub 2017 Nov 15.

83 Lähteenvuo M, Tanskanen A, Taipale H, Hoti F, Vattulainen P, Vieta E, Tiihonen J. Real-world effectiveness of pharmacologic treatments for the prevention of rehospitalization in a Finnish nationwide cohort of patients with bipolar disorder. *JAMA Psychiatry*. 2018 Apr 1;75(4):347-355. doi: 10.1001/jamapsychiatry.2017.4711.

84 Torvinen-Kiiskinen S, Tolppanen AM, Koponen M, Tanskanen A, Tiihonen J, Hartikainen S, Taipale H. Proton pump inhibitor use and risk of hip fractures among community-dwelling persons with Alzheimer's disease – a nested case-control study. *Alimentary Pharmacology & Therapeutics*. 2018;Apr;47(8):1135-1142. doi: 10.1111/apt.14589. Epub 2018 Mar 6.

85 Hamina A, Lavikainen P, Tanskanen A, Tolppanen AM, Tiihonen J, Hartikainen S, Taipale H. Impact of opioid initiation on antipsychotic and benzodiazepine and related drug use among persons with Alzheimer's disease. *International Psychogeriatrics*. 2018 Jul;30(7):947-956. doi: 10.1017/S1041610217002897. Epub 2018 Mar 21.

86 Järvinen H, Taipale H, Koponen M, Tanskanen A, Tiihonen J, Tolppanen AM, Hartikainen S. Hospitalization after oral antibiotic initiation in Finnish community dwellers with and without Alzheimer's disease: retrospective register-based cohort study. *Journal of Alzheimer's Disease*. 2018;64(2):437-445. doi: 10.3233/JAD-180125.

87 Taipale H, Gomm W, Broich K, Maier W, Tolppanen AM, Tanskanen A, Tiihonen J, Hartikainen S, Haenisch B. Use of antiepileptic drugs and dementia risk – an analysis of Finnish health register and German health insurance data. *Journal of American Geriatric Society*. 2018 Jul;66(6):1123-1129. doi: 10.1111/jgs.15358. Epub 2018 Mar 22.

88 Taipale H, Mittendorfer-Rutz E, Alexanderson K, Majak M, Mehtälä J, Hoti F, Jedenius E, Enksson D, Leval A, Sermon J, Tanskanen A, Tiihonen J. Antipsychotics and mortality in a nationwide cohort of 29,823 patients with schizophrenia. *Schizophrenia Research*. 2018 Jul;197:274-280. doi: 10.1016/j.schres.2017.12.010. Epub 2017 Dec 20.





- 89 Tiihonen J, Tanskanen A, Taipale H. 20-year nationwide follow-up study on discontinuation of antipsychotic treatment in first-episode schizophrenia. *American Journal of Psychiatry*. 2018 Aug 1;175(8):765-773. doi: 10.1176/appi.ajp.2018.17091001. Epub 2018 Apr 6.
- 90 Tapiainen V, Taipale H, Tanskanen A, Tiihonen J, Hartikainen S, Tolppanen A-M. The risk of Alzheimer's disease associated with benzodiazepines and related drugs: a nested case-control study. *Acta Psychiatrica Scandinavica*. 2018 Aug;138(2):91-100. doi: 10.1111/acps.12909. Epub 2018 May 31.
- 91 Orsel K, Taipale H, Raatikainen S, Lampela P, Tolppanen AM, Koponen M, Tanskanen A, Tiihonen J, Gardarsdottir H, Hartikainen S. Antipsychotic use and the risk of initiating medication for benign prostatic hyperplasia in persons with Alzheimer disease: a matched cohort study. *Journal of Clinical Psychopharmacology*. 2018 Oct;38(5):494-497. doi: 10.1097/JCP.0000000000000928.
- 92 Taipale H, Mehtälä J, Tanskanen A, Tiihonen J. Comparative effectiveness of antipsychotic drugs for rehospitalization in schizophrenia – a nationwide study with 20-year follow-up. *Schizophrenia Bulletin*. 2018 Oct 17;44(6):1381-1387. doi: 10.1093/schbul/sbx176.
- 93 Sarycheva T, Taipale H, Lavikainen P, Tiihonen J, Tanskanen A, Hartikainen S, Tolppanen AM. Incidence and prevalence of antiepileptic medication use in community-dwelling persons with and without Alzheimer's disease. *Journal of Alzheimer's Disease*. 2018;66(1):387-395. doi: 10.3233/JAD-180594. Epub 2018 Sep 26.
- 94 Sarycheva T, Lavikainen P, Taipale H, Tiihonen J, Tanskanen A, Hartikainen S, Tolppanen AM. Antiepileptic drug use and the risk of stroke among community-dwelling people with Alzheimer disease: a matched cohort study. *Journal of the American Heart Association*. 2018 Sep 18;7(18):e009742. doi: 10.1161/JAHA.118.009742.
- \*95 Forsman J, Taipale H, Masterman T, Tiihonen J, Tanskanen A. Comparison of dispensed medications and forensic-toxicological findings to assess pharmacotherapy in the Swedish population 2006 to 2013. *Pharmacoepidemiology and Drug Safety*. 2018 Oct;27(10):1112-1122. doi: 10.1002/pds.4426. Epub 2018 Mar 23.
- 96 Wingård L, Taipale H, Reutfors J, Westerlund A, Bodén R, Tiihonen J, Tanskanen A, Andersen M. Initiation and long-term use of benzodiazepines and Z-drugs in bipolar disorder. *Bipolar Disorders*. 2018 Nov;20(7):634-646. doi: 10.1111/bdi.12626. Epub 2018 Feb 16.
- 97 Tolppanen AM, Tiihonen M, Taipale H, Koponen M, Tanskanen A, Lavikainen P, Tiihonen J, Hartikainen S. Systemic estrogen use and discontinuation after Alzheimer's disease diagnosis in Finland 2005-2012: A nationwide exposure-matched cohort study. *Drugs & Aging*. 2018 Nov;35(11):985-992. doi: 10.1007/s40266-018-0591-x.
- 98 Taipale H, Hamina A, Lampela P, Tanskanen A, Tiihonen J, Karttunen N, Tolppanen AM, Hartikainen S. Is Alzheimer's disease associated with previous opioid use? *Pain Medicine*. 2018 Nov 1;19(11):2115-2121. doi: 10.1093/pm/pnx210.
- 99 Orsel K, Taipale H, Tolppanen AM, Koponen M, Tanskanen A, Tiihonen J, Gardarsdottir H, Hartikainen S. Psychotropic drugs use and psychotropic polypharmacy among persons with Alzheimer's disease. *European Neuropsychopharmacology*. 2018 Nov;28(11):1260-1269. doi: 10.1016/j.euroneuro.2018.04.005. Epub 2018 Aug 25.
- \*100 Tanskanen A, Tiihonen J, Taipale H. Mortality in schizophrenia: 30-year nationwide follow-up study. *Acta Psychiatrica Scandinavica*. 2018 Dec;138(6):492-499. doi: 10.1111/acps.12913. Epub 2018 Jun 13.



- 101 Lähteenvuo M, Antolin Concha D, Vattulainen P, Tanskanen A, Taipale H, Tiihonen J. Psychopharmacological treatment, mortality and suicide in bipolar disorder in a Finnish nationwide cohort of 18,018 patients. *Psychiatra Fennica* 2018;49:10-21.
- 2019
- 102 Karttunen N, Taipale H, Hamina A, Tanskanen A, Tiihonen J, Tolppanen A-M, Hartikainen S. Concomitant use of benzodiazepines and opioids in community-dwelling older people with or without Alzheimer's disease – A nationwide register-based study in Finland. *International Journal of Geriatric Psychiatry*. 2019 Feb;34(2):280-288. doi: 10.1002/gps.5018. Epub 2018 Nov 27.
- 103 Taipale H, Hamina A, Karttunen N, Koponen M, Tanskanen A, Tiihonen J, Hartikainen S, Tolppanen AM. Incident opioid use and risk of hip fracture among persons with Alzheimer disease: a nationwide matched cohort study. *Pain*. 2019 Feb;160(2):417-423. doi: 10.1097/j.pain.0000000000001412.
- 104 Kettunen R, Taipale H, Tolppanen AM, Tanskanen A, Tiihonen J, Hartikainen S, Koponen M. Duration of new antidepressant use and factors associated with discontinuation among community-dwelling persons with Alzheimer's disease. *European Journal of Clinical Pharmacology*. 2019 Mar;75(3):417-425. doi: 10.1007/s00228-018-2591-5. Epub 2018 Nov 9.
- 105 Taipale H, Lampela P, Koponen M, Tanskanen A, Tiihonen J, Hartikainen S, Tolppanen AM. Antiepileptic drug use is associated with an increased risk of pneumonia among community-dwelling persons with Alzheimer's disease-matched cohort study. *Journal of Alzheimer's Disease*. 2019;68(1):127-136. doi: 10.3233/JAD-180912.
- 106 Brannigan R, Cannon M, Tanskanen A, Huttunen MO, Leacy FP, Clarke M. The association between subjective maternal stress during pregnancy and offspring clinically diagnosed psychiatric disorders. *Acta Psychiatrica Scandinavica*. 2019 Apr;139(4):304-310. doi: 10.1111/acps.12996. Epub 2019 Jan 4.
- \*107 Tiihonen J, Taipale H, Mehtälä J, Vattulainen P, Correll CU, Tanskanen A. Association of antipsychotic polypharmacy vs. monotherapy with psychiatric rehospitalization among adults with schizophrenia. *JAMA Psychiatry*. 2019 May 1;76(5):499-507. doi: 10.1001/jamapsychiatry.2018.4320. Epub 2019 Feb 20.
- 108 Ilmaniemi S, Taipale H, Tanskanen A, Tiihonen J, Hartikainen S, Tolppanen AM. Incidence of head injury and traumatic brain injury among people with Alzheimer's disease. *Journal of Epidemiology and Community Health*. 2019 May;73(5):451-454. doi: 10.1136/jech-2018-211960. Epub 2019 Feb 19.
- 109 Lavikainen P, Taipale H, Tanskanen A, Koponen M, Tiihonen J, Hartikainen S, Tolppanen AM. Antiepileptic drugs and accumulation of hospital days among persons with Alzheimer's disease. *Journal of the American Medical Directors Association*. 2019 Jun;20(6):751-758. doi: 10.1016/j.jamda.2018.11.012. Epub 2019 Jan 7.
- 110 Hamina A, Taipale H, Karttunen N, Tanskanen A, Tiihonen J, Tolppanen AM, Hartikainen S. Hospital-treated pneumonia associated with opioid use among community dwellers with Alzheimer's disease. *Journal of Alzheimer's Disease*. 2019;69(3):807-816. doi: 10.3233/JAD-181295.
- 111 Mittendorfer-Rutz E, Rahman S, Tanskanen A, Majak M, Mehtälä J, Hoti F, Jedenius E, Enksson D, Leval A, Sermon J, Taipale H, Tiihonen J. Burden for parents of patients with schizophrenia-a nationwide comparative study of parents of offspring with rheumatoid arthritis, multiple sclerosis, epilepsy, and healthy controls. *Schizophrenia Bulletin*. 2019 Jun 18;45(4):794-803. doi: 10.1093/schbul/sby130.
- 112 Taipale H, Rysä J, Hukkanen J, Koponen M, Tanskanen A, Tiihonen J, Kröger H, Hartikainen S, Tolppanen AM. Long-term thiazide use and risk of low-energy fractures among persons with Alzheimer's disease-nested



case-control study. *Osteoporosis International*. 2019 Jul;30(7):1481-1489. doi: 10.1007/s00198-019-04957-0. Epub 2019 Apr 16.

113 Kalamägi J, Lavikainen P, Taipale H, Tanskanen A, Tiihonen J, Hartikainen S, Tolppanen AM. Predictors of high hospital care and medication costs and cost trajectories in community-dwellers with Alzheimer's disease. *Annals of Medicine*. 2019 Aug-Sep;51(5-6):294-305. doi: 10.1080/07853890.2019.1642507. Epub 2019 Aug 12.

Formaterat: Engelska (Storbritannien)

\*114 Forsman J, Taipale H, Masterman T, Tiihonen J, Tanskanen A. Adherence to psychotropic medication in completed suicide in Sweden 2006-2013: a forensic-toxicological matched case-control study. *European Journal of Clinical Pharmacology*. 2019 Oct;75(10):1421-1430. doi: 10.1007/s00228-019-02707-z. Epub 2019 Jun 19.

115 Koponen M, Lavikainen P, Taipale H, Tanskanen A, Tiihonen J, Hartikainen S, Tolppanen AM. Accumulation of hospital days among antipsychotic initiators with Alzheimer's disease. *Journal of the American Medical Directors Association*. 2019 Dec;20(12):1488-1494.e3. doi: 10.1016/j.jamda.2019.07.009. Epub 2019 Aug 26.

2020

116 Taipale H, Rahman S, Tanskanen A, Mehtälä J, Hoti F, Jedenius E, Enkusson D, Leval A, Sermon J, Tiihonen J, Mittendorfer-Rutz E. Health and work disability outcomes in parents of patients with schizophrenia associated with antipsychotic exposure by the offspring. *Scientific Reports*. 2020 Jan 27;10(1):1219. doi: 10.1038/s41598-020-58078-4.

117 Vu M, Koponen M, Taipale H, Tanskanen A, Tiihonen J, Kettunen R, Hartikainen S, Tolppanen AM. Prevalence of cardiovascular drug use before and after diagnosis of Alzheimer's disease. *International Journal of Cardiology*. 2020 Feb 1;300:221-225. doi: 10.1016/j.ijcard.2019.09.036. Epub 2019 Oct 30.

118 Brannigan R, Cannon M, Tanskanen A, Huttunen MO, Leacy FP, Clarke M. Childhood temperament and its association with adult psychiatric disorders in a prospective cohort study. *Schizophrenia Research*. 2020 Feb;216:229-234. doi: 10.1016/j.schres.2019.11.055. Epub 2019 Dec 5.

119 Taipale H, Tanskanen A, Mehtälä J, Vattulainen P, Correll CU, Tiihonen J. 20-year follow-up study of physical morbidity and mortality in relationship to antipsychotic treatment in a nationwide cohort of 62,250 patients with schizophrenia (FIN20). *World Psychiatry*. 2020 Feb;19(1):61-68. doi: 10.1002/wps.20699.

120 Brannigan R, Tanskanen A, Huttunen MO, Cannon M, Leacy FP, Clarke MC. The role of prenatal stress as a pathway to personality disorder: longitudinal birth cohort study. *British Journal of Psychiatry*. 2020 Feb;216(2):85-89. doi: 10.1192/bjp.2019.190.

121 Lampela P, Tolppanen AM, Koponen M, Tanskanen A, Tiihonen J, Hartikainen S, Taipale H. Asthma and chronic obstructive pulmonary disease COPD as a comorbidity and association with the choice of antedementia medication among persons with Alzheimer's disease. *Journal of Alzheimer's Disease*. 2020;73(3):1243-1251. doi: 10.3233/JAD-190850.

122 Lintula E, Tiihonen M, Taipale H, Tolppanen AM, Tanskanen A, Tiihonen J, Hartikainen S, Hamina A. Opioid use after hospital care due to a hip fracture among community-dwelling persons with and without Alzheimer's disease. *Drugs & Aging*. 2020 Mar;37(3):193-203. doi: 10.1007/s40266-019-00734-0.

123 Tapiainen V, Lavikainen P, Koponen M, Taipale H, Tanskanen A, Tiihonen J, Hartikainen S, Tolppanen AM. The risk of head injuries associated with antipsychotic use among persons with Alzheimer's disease. *Journal of the American Geriatrics Society*. 2020 Mar;68(3):595-602. doi: 10.1111/jgs.16275. Epub 2020 Jan 7.

124 Sluggett JK, Koponen M, Bell JS, Taipale H, Tanskanen A, Tiihonen J, Uusitupa M, Tolppanen AM, Hartikainen S. Metformin and risk of Alzheimer's disease among community-dwelling people with diabetes: a

national case-control study. *Journal of Clinical Endocrinology & Metabolism*. 2020 Apr 1;105(4):dgz234. doi: 10.1210/clinem/dgz234.

125 Puranen A, Koponen M, Tanskanen A, Tiihonen J, Taipale H. Use of antidepressants and mood stabilizers in persons with first-episode schizophrenia. *European Journal of Clinical Pharmacology*. 2020 May;76(5):711-718. doi: 10.1007/s00228-020-02830-2. Epub 2020 Jan 15.

126 Sommer IE, Tiihonen J, van Mourik A, Tanskanen A, Taipale H. The clinical course of schizophrenia in women and men—a nation-wide cohort study. *NPJ Schizophrenia*. 2020 May 1;6(1):12. doi: 10.1038/s41537-020-0102-z.

127 Taipale H, Reutfors J, Tanskanen A, Brandt L, Tiihonen J, DiBernardo A, Mittendorfer-Rutz E, Brenner P. Risk and risk factors for disability pension among patients with treatment resistant depression—a matched cohort study. *BMC Psychiatry*. 2020 May 13;20(1):232. doi: 10.1186/s12888-020-02642-9.

128 Sarycheva T, Lavikainen P, Taipale H, Tiihonen J, Tanskanen A, Hartikainen S, Tolppanen AM. Antiepileptic drug use and mortality among community-dwelling persons with Alzheimer's disease. *Neurology*. 2020 May 19;94(20):e2099-e2108. doi: 10.1212/WNL.0000000000009435. Epub 2020 Apr 23.

129 Braithwaite B, Paananen J, Taipale H, Tanskanen A, Tiihonen J, Hartikainen S, Tolppanen AM. Detection of medications associated with Alzheimer's Disease using ensemble methods and cooperative game theory. *International Journal of Medical Bioinformatics*. 2020 Sep;141:104142. doi: 10.1016/j.ijmedinf.2020.104142. Epub 2020 May 24.

130 Rubio JM, Taipale H, Correll CC, Tanskanen A, Kane JM, Tiihonen J. Psychosis breakthrough on antipsychotic maintenance: results from a nationwide study. *Psychological Medicine*. 2020 Jun;50(8):1356-1367. doi: 10.1017/S0033291719001296. Epub 2019 Jun 13.

131 Hamina A, Tanskanen A, Tiihonen J, Taipale H. Medication use and healthcare utilization after a cost-sharing increase in schizophrenia: a nationwide analysis. *Medical Care*. 2020 Sep;58(9):763-769. doi: 10.1097/MLR.0000000000001369.

132 Luyckx JJ, Stam N, Tanskanen A, Tiihonen J, Taipale H. In the aftermath of clozapine discontinuation: comparative effectiveness and safety of antipsychotics in patients with schizophrenia who discontinue clozapine. *British Journal of Psychiatry*. 2020 Sep;217(3):498-505. doi: 10.1192/bjp.2019.267.

133 Antolín-Concha D, Lähteenvuo M, Vattulainen P, Tanskanen A, Taipale H, Vieta E, Tiihonen J. Suicide mortality and use of psychotropic drugs in patients hospitalized due to bipolar disorder: a Finnish nationwide cohort study. *Journal of Affective Disorders*. 2020 Dec 1;277:885-892. doi: 10.1016/j.jad.2020.09.016. Epub 2020 Sep 6.

134 Lavikainen P, Koponen M, Taipale H, Tanskanen A, Tiihonen J, Hartikainen S, Tolppanen AM. Length of hospital stay for hip fracture and 30-day mortality in people with Alzheimer's disease: a cohort study in Finland. *Journals of Gerontology, Series A, Biological Sciences and Medical Sciences*. 2020 Oct 15;75(11):2184-2192. doi:10.1093/gerona/glaa199.

135 Taipale H, Särkilä H, Tanskanen A, Kurko T, Taiminen T, Tiihonen J, Sund R, Tuulio-Henriksson A, Saastamoinen L, Hietala J. Incidence of and characteristics associated with long-term benzodiazepine use in Finland. *JAMA Network Open*. 2020 Oct 1;3(10):e2019029. doi: 10.1001/jamanetworkopen.2020.19029.

136 Tolppanen AM, Taipale H, Koponen M, Tiihonen J, Hartikainen S. Causes of death in a nationwide cohort of community-dwellers with Alzheimer's disease. *BMC Geriatrics*. 2020 Nov 2;20(1):441. doi: 10.1186/s12877-020-01744-z.



137 Stam N, Taipale H, Tanskanen A, Ispording L, Okhuijsen-Pfeifer C, Schuiling-Veninga C, Bos J, Bjiker B, Tiihonen J, Luykx J. Persistence of antipsychotic use after clozapine discontinuation: a real-world study across antipsychotics. *Clinical and Translational Science*. 2020 Nov;13(6):1170-1177. doi: 10.1111/cts.12801. Epub 2020 May 22. doi: 10.1111/cts.12801. Online ahead of print.

[2021](#)

138 Holm M, Taipale H, Tanskanen A, Tiihonen J, Mitterdorfer-Rutz E. Employment among people with schizophrenia or bipolar disorder: a population-based study using nationwide registers. *Acta Psychiatrica Scandinavica*. 2021 Jan;143(1):61-71. doi: 10.1111/acps.13254. Epub 2020 Nov 24. doi: 10.1111/acps.13254. Online ahead of print.

139 Lintunen J, Lähteenvuo M, Tiihonen J, Tanskanen A, Taipale H. Adenosine modulators and calcium channel blockers as add-on treatment for schizophrenia. *NPJ Schizophrenia*. 2021 Jan 21;7(1):1. doi: 10.1038/s41537-020-00135-y.

140 ~~139~~ Taipale H, Lähteenvuo M, Tanskanen A, Mitterdorfer-Rutz E, Tiihonen J. Comparative effectiveness of antipsychotics for risk of attempted or completed suicide among persons with schizophrenia. *Schizophrenia Bulletin*. 2020 Aug 15. doi: 10.1093/schbul/sbaa111. [Online ahead of print]

Taipale H, Lähteenvuo M, Tanskanen A, Mitterdorfer-Rutz E, Tiihonen J. Comparative effectiveness of antipsychotics for risk of attempted or completed suicide among persons with schizophrenia. *Schizophrenia Bulletin*. 2021 Jan 23;47(1):23-30. doi: 10.1093/schbul/sbaa111.

141 Lähteenvuo M, Taipale H, Tanskanen A, Mitterdorfer-Rutz E, Tiihonen J. Effectiveness of pharmacotherapies for delusional disorder in a Swedish national cohort of 9076 patients. *Schizophrenia Research*. 2021 Feb 3;228:367-372. doi: 10.1016/j.schres.2021.01.015. Epub 2021 Feb 3. Online ahead of print.

142 Taipale H, Niederkrotenthaler T, Helgesson M, Sijbrandij M, Berg L, Tanskanen A, Mitterdorfer-Rutz E. Initiation of antidepressant use among refugee and Swedish-born youth after diagnosis of a common mental disorder: findings from the REMAIN study. *Social Psychiatry and Psychiatric Epidemiology*. 2021 Mar;56(3):463-474. doi: 10.1007/s00127-020-01951-4. Epub 2020 Sep 10. doi: 10.1007/s00127-020-01951-4. Online ahead of print.

143 Pisa F, Reinold J, Lavikainen P, Koponen M, Taipale H, Tanskanen A, Tiihonen J, Hartikainen S, Tolppanen AM. Hip fracture risk in antiepileptic drug initiators and non-initiators with Alzheimer's disease. *Clinical Epidemiology*. 2021 Apr 22;13:295-307. doi: 10.2147/CLEP.S278306.

144 Tanskanen A, Taipale H, Cannon M, Cotter D, Tiihonen J. Incidence of schizophrenia and influence of prenatal and infant exposure to viral infectious diseases. *Acta Psychiatrica Scandinavica*. 2021 Jun;143(6):487-494. doi: 10.1111/acps.13295. Epub 2021 Mar 26.

145 Tiihonen J, Koskivi M, Lähteenvuo M, Tronteri K, Ojansuu I, Vaurio O, Cannon TD, Lönnqvist J, Therman S, Suvisaari J, Cheng L, Tanskanen A, Taipale H, Lehtonen S, Koistinaho J. Molecular signaling pathways underlying schizophrenia. *Schizophrenia Research*. 2021;232:33-41. doi: 10.1016/j.schres.2021.05.011. Epub 2021 May 16.

146 Lintunen J, Taipale H, Tanskanen A, Mitterdorfer-Rutz E, Tiihonen J, Lähteenvuo M. Long-Term Real-World Effectiveness of Pharmacotherapies for Schizoaffective Disorder. *Schizophrenia Bulletin*. 2021 Feb 3;sbab004. doi: 10.1093/schbul/sbab004. Online ahead of print. 2021 Jul 8;47(4):1099-1107. doi: 10.1093/schbul/sbab004.



147 Tarvainen A, Hartikainen S, Taipale H, Tanskanen A, Koponen M, Tolppanen AM. Association of recent hospitalisation with antidepressant initiation among community dwellers with Alzheimer's disease. *International Journal of Geriatric Psychiatry*. 2021 Feb 2. doi: 10.1002/gps.5505. Online ahead of print: 2021 Jul;36(7):1075-1084. doi: 10.1002/gps.5505. Epub 2021 Feb 18.

148 Taipale H, Puranen A, Mittendorfer-Rutz E, Tiihonen J, Tanskanen A, Cervenka S, Lähteenvuo M. Antipsychotic use among persons with schizophrenia in Sweden and Finland, trends and differences. *Nordic Journal of Psychiatry*. 2021 Jul;75(5):315-322. doi: 10.1080/08039488.2020.1854853. Epub 2020 Dec 17. 2020 Dec 17;1-8. doi: 10.1080/08039488.2020.1854853. Online ahead of print.

149 Lähteenvuo M, Batalla A, Luykx J, Mittendorfer-Rutz E, Tanskanen A, Tiihonen J, Taipale H. Morbidity and mortality in schizophrenia with comorbid substance use disorders. *Acta Psychiatrica Scandinavica*. 2021 Jul;144(1):42-49. doi: 10.1111/acps.13291. Epub 2021 Mar 8. 2021 Mar 1. doi: 10.1111/acps.13291. Online ahead of print.

150 Hakala A, Tolppanen AM, Koponen M, Taipale H, Tanskanen A, Hartikainen S, Tiihonen M: Does recent hospitalization increase antipsychotic initiation among community dwellers with Alzheimer's disease? *Journal of the American Medical Directors Association*. 2021 Jul;22(7):1543-1547.e3. doi: 10.1016/j.jamda.2020.12.021. Epub 2021 Jan 15.

151 Heikkinen M, Taipale H, Tanskanen A, Mittendorfer-Rutz E, Lähteenvuo M, Tiihonen J. Real-world effectiveness of pharmacological treatments of alcohol use disorders in a Swedish nation-wide cohort of 125 556 patients. *Addiction*. 2021 Aug;116(8):1990-1998. doi: 10.1111/add.15384. Epub 2021 Jan 14.

152 Taipale H, Solmi M, Lähteenvuo M, Tanskanen A, Correll CU, Tiihonen J. Antipsychotic use and risk of breast cancer in women with schizophrenia: a nationwide nested case-control study. *Lancet Psychiatry*. 2021 Oct;8(10):883-891. doi: 10.1016/S2215-0366(21)00241-8. Epub 2021 Aug 30. Online ahead of print.

153 Reutfors J, Andersson TM, Tanskanen A, DiBernardo A, Li G, Brandt L, Brenner P. Risk factors for suicide and suicide attempts among patients with treatment-resistant depression: nested case-control study. *Archives of Suicide Research*. 2021 Jul-Sep;25(3):424-438. doi: 10.1080/13811118.2019.1691692. Epub 2019 Nov 27. 2019 Nov 27;1-15. doi: 10.1080/13811118.2019.1691692. Online ahead of print.

154 Taipale H, Niederkrotenthaler T, Tanskanen A, Cullen AE, Helgesson M, Berg L, Sijbrandij M, Klimek P, Mittendorfer-Rutz E. Persistence of antidepressant use among refugee youth with common mental disorder. *Journal of Affective Disorders*. 2021 Nov 1;294:831-837. doi: 10.1016/j.jad.2021.07.096. Epub 2021 Jul 30.

155 Lampela P, Tanskanen A, Lähteenvuo M, Tiihonen J, Taipale H. Switches and early discontinuations of antidepressant medication in young adults with depression. *Journal of Affective Disorders*. 2021 Dec 1;295:1474-1481. doi: 10.1016/j.jad.2021.09.034. Epub 2021 Sep 17. -in press 2021.

156 Brannigan R, Tanskanen A, Huttunen MO, Cannon M, Leacy FP, Clarke MC. Maternal smoking during pregnancy and offspring psychiatric disorder: a longitudinal birth cohort study. *Social Psychiatry and Psychiatric Epidemiology*. 2021 May 4. doi: 10.1007/s00127-021-02094-w. Online ahead of print.

157 Guinat D, Taipale H, Rubio JM, Tanskanen A, Correll CU, Tiihonen J, Kane JM. Risk factors, incidence and outcomes of neuroleptic malignant syndrome (nms) on long-acting injectable vs oral antipsychotics in a nationwide schizophrenia cohort. *Schizophrenia Bulletin*. 2021 May 20;sbab062. doi: 10.1093/schbul/sbab062. Online ahead of print.

158 Lehti, L, Taipale H, Gissler M, Tanskanen A, Elonheimo M, Tiihonen J, Suvisaari J. Continuity of antipsychotic medication use among migrant and Finnish-born populations with a psychotic disorder: a register-

Formaterat: Svenska (Sverige)



based study. *Psychological Medicine*. 2021 Jun 2;1-11. doi: 10.1017/S003329172100218X. Online ahead of print.

159 Rubio JM, Taipale H, Tanskanen A, Correll CU, Kane JM, Tiihonen J. Long-Term Continuity of Antipsychotic Treatment for Schizophrenia: A Nationwide Study. *Schizophrenia Bulletin*. 2021 Jun 15;sbab063. doi: 10.1093/schbul/sbab063. Online ahead of print.

160 Chen L, Mittendorfer-Rutz E, Björkenstam E, Rahman S, Gustafsson K, Taipale H, Tanskanen A, Ekselius L, Helgesson M. Risk factors for disability pension among young adults diagnosed with attention-deficit hyperactivity disorder (ADHD) in adulthood. *Journal of Attention Disorders*. 2021 Jun 22:10870547211025605. doi: 10.1177/10870547211025605. Online ahead of print.  
~~J Attention Dis doi: 10.1177/10870547211025605. Online ahead of print.~~

161 Helgesson M, Björkenstam E, Rahman S, Gustafsson K, Taipale H, Tanskanen A, Ekselius L, Mittendorfer-Rutz E. Labour market marginalisation in young adults diagnosed with attention-deficit hyperactivity disorder (ADHD): a populationbased longitudinal cohort study in Sweden. *Psychological Medicine*. 2021 July 15:1-9. <https://doi.org/10.1017/S0033291721002701>. ~~in press.~~

162 Solmi M, Tiihonen J, Lähteenvuo M, Tanskanen A, Correll CU, Taipale H. Antipsychotics use is associated with greater adherence to cardiometabolic medications in patients with schizophrenia: results from a nationwide, within-subject design study. *Schizophrenia Bulletin*. 2021 Jul 21;sbab087. doi: 10.1093/schbul/sbab087. Online ahead of print.

163 [Koponen M, Rajamaki B, Lavikainen P, Bell JS, Taipale H, Tanskanen A, Hartikainen S, Tolppanen AM. Antipsychotic use and risk of stroke among community-dwelling people with Alzheimer's disease. \*Journal of the American Medical Directors Association\*. 2021 Oct 27:S1525-8610\(21\)00872-0. doi: 10.1016/j.jamda.2021.09.036. Online ahead of print.](#)

164 Helgesson M, Rahman S, Björkenstam E, Gustafsson K, Amin R, Taipale H, Tanskanen A, Ekselius L, Mittendorfer-Rutz E. Trajectories of labour market marginalisation among young adults with newly diagnosed Attention deficit/hyperactivity disorder (ADHD). *Epidemiology and Psychiatric Sciences*, in press 2021.

Ändrad fältkod