## **Accepted Manuscript**

Antipsychotic use and risk of hospitalisation or death due to pneumonia in persons with and without Alzheimer's disease

Anna-Maija Tolppanen, PhD, Marjaana Koponen, MSc (Pharm), Antti Tanskanen, Phil Lic, Piia Lavikainen, MSc, Reijo Sund, DSocSc, Jari Tiihonen, MD, PhD, Sirpa Hartikainen, MD, PhD, Heidi Taipale, PhD (Pharm)

PII: S0012-3692(16)50246-3

DOI: 10.1016/j.chest.2016.06.004

Reference: CHEST 498

To appear in: CHEST

Received Date: 2 March 2016

Revised Date: 4 May 2016

Accepted Date: 1 June 2016

Please cite this article as: 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), doi: 10.1016/j.chest.2016.06.004.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



## **ACCEPTED MANUSCRIPT**

- 1 Word count 2861 (main text), 250 (abstract),
- 2 Antipsychotic use and risk of hospitalisation or death due to pneumonia in
- persons with and without Alzheimer's disease 3
- 4 Short title: antipsychotic use and pneumonia risk
- 5
- Anna-Maija Tolppanen, PhD;<sup>1,2</sup> Marjaana Koponen, MSc (Pharm);<sup>1,3</sup> Antti Tanskanen, Phil Lic;<sup>5,6,7</sup> Piia Lavikainen, MSc;<sup>1,3,8</sup> Reijo Sund, DSocSc;<sup>9</sup> Jari 6
- Tiihonen, MD, PhD;<sup>5,6</sup> Sirpa Hartikainen, MD, PhD;<sup>1,3,4</sup>, Heidi Taipale, PhD 7
- (Pharm): 1,3,5,6 8
- <sup>1</sup>School of Pharmacy, University of Eastern Finland, Kuopio, Finland 9
- <sup>2</sup>Research Centre for Comparative Effectiveness and Patient Safety (RECEPS), 10
- University of Eastern Finland, Kuopio, Finland 11
- <sup>3</sup>Kuopio Research Centre of Geriatric Care, University of Eastern Finland, Kuopio, 12
- 13 Finland
- <sup>4</sup>Department of Psychiatry, Kuopio University Hospital, Kuopio, Finland 14
- <sup>5</sup>Department of Forensic Psychiatry, Niuvanniemi Hospital, Kuopio, Finland 15
- <sup>6</sup>Department of Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden 16
- <sup>7</sup>National Institute for Health and Welfare, Helsinki, Finland 17
- <sup>8</sup>Department of Pharmacology, Drug Development and Therapeutics, University of 18
- 19 Turku, Turku, Finland
- <sup>9</sup>Centre for Research Methods, Department of Social Research, University of 20
- Helsinki, Helsinki, Finland 21

22

- Correspondence to: Anna-Maija Tolppanen, School of Pharmacy, University of 23
- Eastern Finland, PL 1627, 70211 Kuopio, Finland. email anna-maija.tolppanen@uef.fi 24
- 25 Summary of conflict of interest statements:
- JT has served as a consultant to Lundbeck, Organon, Janssen-Cilag, Eli Lilly, 26
- 27 AstraZeneca, F. Hoffman-La Roche, and Bristol-Myers Squibb. He has received fees
- for giving expert opinions to Bristol-Myers Squibb and GlaxoSmithKline, lecture fees 28
- 29 from Janssen-Cilag, Bristol-Myers Squibb, Eli Lilly, Pfizer, Lundbeck,
- 30 GlaxoSmithKline, AstraZeneca and Novartis; and grant from Stanley Foundation. JT
- 31 is a member of advisory board in AstraZeneca, Janssen-Cilag, and Otsuka. MK has
- 32 received personal research grant from Oy H. Lundbeck Ab foundation outside the
- submitted work. SH has received a lecturing fee from MSD. Other authors declare no 33
- conflicts of interest. 34
- 35 Search terms: Alzheimer's disease, antipsychotics, pneumonia, observational studies,
- register-based studies, cohort study, case-crossover, risperidone, quetiapine, 36
- haloperidol 37
- 38 Funding information: None
- No prior abstract publication/presentation 39

## Download English Version:

## https://daneshyari.com/en/article/5952075

Download Persian Version:

https://daneshyari.com/article/5952075

<u>Daneshyari.com</u>