EW0199

Psychotropic use in elderly with cognitive impairment living in nursing homes
A.R. Ferreira 1,2, S. Martins 2,3, C. Dias 3, M.R. Simões 4, L. Fernandes 5

1 PhD Program in Clinical and Health Services Research/PDICSS, University of Porto, Porto, Portugal
2 CINTESIS–Center for Health Technology and Services Research, Faculty of Medicine, University of Porto, Porto, Portugal
3 Health Information and Decision Sciences Department, FMUP, Center for Health Technology and Services Research/CINTESIS, Faculty of Medicine, University of Porto, Porto, Portugal
4 Psychological Assessment Laboratory, CINEICC, Faculty of Psychology and Educational Sciences, University of Coimbra, Coimbra, Portugal
5 Department of Clinical Neuroscience and Mental Health, CINTESIS, Faculty of Medicine, University of Porto, Porto, Portugal

Corresponding author.

Introduction Elderly patients in nursing homes (NH) are often prescribed medications for many physical and mental health problems, with polypharmacy. There is a considerable number of studies documenting this extensive prescription of psychotropic medication, despite the raised concerns about their overuse/ misuse, due to serious adverse effects, including increased rate of cognitive decline associated with antipsychotics.

Aims To characterize the prescription of psychotropics in elderly sample with cognitive impairment living in NH.

Methods Elderly living in three Portuguese NH were included in this cross-sectional study. All residents were eligible, unless they were unwilling or unresponsive. Participants’ medication was obtained from medical records. Guidelines of ATC were used to categorize the drugs. Participants were assessed with MMSE and GDS.

Results The sample included 172 elderly, mostly women (90%), with average of 81 (sd = 10) years and median lengths of stay of 3 years. Overall, 79.1% used ≥ 1 nervous system-acting drugs. Anxiolytics (54.7%), antidepressants (29.1%) and antipsychotics (23.3%) were the most frequent. The majority (58%) presented cognitive impairment (MMSE). Among those, 46.2% presented depression

Conclusion The results suggest that pain is a risk factor for suicidal behaviour in elderly people, especially suffering from severe and chronic pain, which are in accordance with previous reviews in this field. Future studies are needed to clarify this association and highlight about the importance of pain in suicide prevention initiatives for elders.

Disclosure of interest The authors have not supplied their declaration of competing interest.

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EW0201

Predictive factors of hospitalization related to the caregiver burden in older adults presenting to the emergency department
G. Mattei 1,4, L. Goldoni 1, F. Mariani 3, G. Casu 4, L. Boccaletti 4, S. Ferrari 2, L. Ligabue 1, A. Colantonii 1,2

1 ARIPSY, Association for Research in Psychiatry, Castelnovo Rangone, Italy
2 University of Modena and Reggio Emilia, Department of Clinical, Diagnostic and Public Health Medicine, Modena, Italy
3 Progetto Anziani, AOU Policlinico di Modena, Modena, Italy
4 Anziani e Non solo, SacCoop, Carpi, Italy

Corresponding author.

Introduction Suicide rates worldwide are highest in elderly people compared to younger ages. The recognition of risk factors for late life suicide may be crucial, since one in four attempts is commenced. In this context, pain has been identified as a major event raising the probability for suicide in elders although very little research has examined this association.

Objective To conduct a systematic review to examine whether pain is a risk factor for suicidal behaviour (suicide ideation/attempt/suicide) in elderly people.

Methods The Cochrane Collaboration’s guidelines and PRISMA statement were used. The electronic databases considered were MEDLINE, ISI Web of Knowledge, Scopus and PsyCARTICLES. Search terms were “pain”, “suicide” and “elderly”. Studies that assessed the relation between pain and suicidal behavior among people aged ≥ 60 years were included.

Results Of the 2655 references founded, only 41 articles met the inclusion criteria. Most of the quantitative studies concluded that there is a relationship between pain and late life suicidal ideation, in particular severe and chronic pain. Physical or psychological pain was also reported as the cause of attempting suicide in two studies and was considered an important risk factor for committed suicide in eight of them.

Conclusion The results suggest that pain is a risk factor for suicidal behaviour in elderly people, especially suffering from severe and chronic pain, which are in accordance with previous reviews in this field. Future studies are needed to clarify this association and highlight about the importance of pain in suicide prevention initiatives for elders.

Disclosure of interest The authors have not supplied their declaration of competing interest.

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EW0200

A systematic review of association between pain and suicidal behavior in elderly people
J. Santos 1, S. Martins 1,2, L.F. Azevedo 1,2, L. Fernandes 1,2,4

1 Faculty of Medicine, University of Porto, Porto, Portugal
2 CINTESIS, Center for Health Technology and Services Research, University of Porto, Porto, Portugal
3 Department of Community Medicine, Information and Health Decision Sciences, MEDCIDS, Porto, Portugal
4 Clinic of Psychiatry and Mental Health, CHSJ, Porto, Portugal

Corresponding author.

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Conclusion The results suggest that pain is a risk factor for suicidal behaviour in elderly people, especially suffering from severe and chronic pain, which are in accordance with previous reviews in this field. Future studies are needed to clarify this association and highlight about the importance of pain in suicide prevention initiatives for elders.

Disclosure of interest The authors have not supplied their declaration of competing interest.

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