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Brazilian elderly affective disorders and suicide: Trends on morbi-mortality and health service costs

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Statement of affective disorders (AD) including depression has important epidemiological impact on elderly morbi-mortality. It has also been associated to elevated suicide rates. However, AD impact on trends elderly mortality, morbidity and Brazilian health service cost (hospitalization and outpatient care) need to be more deeply investigated. Therefore, this study evaluated the trends of AD and suicide mortality in Brazilian elderly population (1996-2015) and in use of health services (hospitalization and outpatient care) and their costs in 2009 to 2015 period by a socio-ecological analysis using databank evaluable for Health Unit System (DATASUS, Brazil Ministry). The study was performed just in elderly subjects (> 60 years old) considering as co-variables: sex and age. Linear, joint point and multivariate regressions were used to detect change in the trends of AD and suicide mortality. Total AD mortality was slightly higher in women (1.2/100.000) than men (1.0/100.000). At contrary, suicide mortality rate was higher in men (13.5/100.000) than females (2.5/100.000). In both mortality causes, occurrence was age-dependent, with higher rates in oldest-old group (> 80 years). Hospitalizations by AD were also higher in older group, in both sexes. However, hospitalization costs trend to decrease in the last four years. The whole of results suggests the necessity to construct specific preventive and treatment programs for elderly people, since this population presents important biological, functional, health and social specificities that are different of find in adults.

Biography

Raquel de Souza Praia has completed her Bachelor of Science in nursing (2007) and in Biological Sciences (2000). She has experience at ICU, Emergency and Urgency Sector, and Public Health. She completed her Master in Gerontology and pursuing PhD in Public Health. She worked in the Women's Health Program of Mobile Care Units. She is a Professor at School of Nursing at the Federal University of Amazonas. She has coordinated a project developed at home for the elderly over 70, bedridden or impaired mobility at Open University of the Third Age / University of the State of Amazonas. She was the organizer and author of the book launched in 2018 in Brazil "Fundamentos de Psicogerontologia". Currently she conducts research involving psychiatric disorders in aging.

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