



Analysis Of Sus Expenses With The Hospitalization Of Patients Affected By Headaches In The State Of Ceará, Between 2013 And 2022

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Introduction

Headaches are painful conditions of the nervous system that affect some area of the head. Such conditions have become increasingly prevalent, through the greater presence of habits, disorders and behaviors, such as poor diet, alcohol consumption and, mainly, stress, in order to impact the lives of people who suffer from them, disabling them. In fact, headaches affect more than 140 million Brazilians and are one of the most disabling pains in the world, leading many individuals to hospitalization. In this sense, it is expected that the costs to the Unified Health System (SUS) arising from this situation will be high. Thus, this study being relevant because it addresses a very common theme in society, its justification is given by the intention of better understanding how the expenses of the Unified Health System occurred with the hospitalization of patients affected by headaches in the state of Ceará, between 2013 and 2022.

Objective

To analyze the expenses of the Unified Health System with the hospitalization of patients affected by headaches in the state of Ceará, between 2013 and 2022.

Methods

This is a study of the cost of disease. The "TabNet" platform, made available by DATASUS, was accessed, where the axis "epidemiological and morbidities" was accessed, selecting the topic "Hospital Morbidity of the SUS (SIH/SUS)". Next, the subtopic "General, by place of hospitalization - from 2008" was selected, choosing "Ceará" as the geographical coverage area. Finally, the content "total value" was selected; the period "2013-2022"; the morbidity "Migraine and other cephalic pain syndromes"; the age group "All categories"; and "male" and "female" gender, obtaining the data of this study.

Results

In a period of 10 years, between 2013 and 2022, the SUS spent a total of 6,422,606.81 reais on the hospitalization of patients affected by headaches in the state of Ceará. In annual data, going from the oldest to the most recent year, were spent, in reais, respectively: 115,295.51, 232,825.55, 209,663.08, 198,401.67, 284,648.07, 508,269.95, 1,117,914.73, 920,478.54, 1,588,075.19 and 1,247,034.52. Under a statistical and financial bias, dividing this period into two intervals of 5 years, it is noticed that, comparing the first period of time (1,040,833.88 reais) to the second (5,381,772.93 reais), there was an increase of more than 400% of the costs generated by the hospitalizations of patients affected by headaches. Comparing the expenses between men and women, the costs arising from hospitalizations for headaches of female individuals (3,453,405.69 reais) is, in relation to that of males (2,969,201.12 reais), about 15% higher. Finally, analyzing the prevalence by age group, in the subgroups "Younger 1 year", "1 to 4 years", "5 to 9 years", "10 to 14 years", "15 to 19 years", "20 to 29 years", "30 to 39 years", "40 to 49 years", "50 to 59 years", "60 to 69 years", "70 to 79 years" and "80 years and over", The hospitalization expenses by age, respectively, in reais, were: 17,366.34, 67,210.92, 97,215.43, 152,997.95, 245,878.32, 589,145.44, 898,517.82, 1,204,830.94, 1,211,219.82, 1,058,695.28, 575,529.49 and 303,999.06. Thus, it is also observed that hospitalizations for headaches of individuals aged 40 to 69 years (3,474,746.04 reais) represent more than 50% of the total incidence.

Conclusion

It can be stated that the expenses of the Unified Health System with the hospitalization of patients affected by headaches in the state of Ceará, between 2013 and 2022, were quite significant, presenting a strong trend of increase. In addition, it can be observed that women and individuals, in general, in the age group of 40 to 69 years are the ones who generate the most costs, requiring greater attention and care. Therefore, it is evident the need for more and more studies that seek to better understand this situation, in order to provide its combat more effectively and, consequently, to reduce its expenses for the Unified Health System.

Keywords: Headache; SUS; Analysis of expenses; Hospitalization; Ceará. Keywords