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Research Article

Poor Dental Status and Oral Hygiene Pra Institutionalized Older People in Northe

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Abstract

In this study we describe the dental status and oral hygiene pra factors associated with poor dental status. A cross-sectional study capital of Ceará State (northeast Brazil). The number of decayed the residents of the nursing home (n=167; mean age = 76.6 ye number of missing teeth was 28.4. Ninety-three (58.1%) were enough about half used a toothbrush. Only 8% had visited a dentist in regarding oral hygiene habits (such as the use of toothbrush, brushing after meals) did not show any significant association with general literacy level, and practice of oral hygiene were independental literacy level, and practice of oral hygiene were independental health education is needed focusing on the special needs population to improve their quality of life.

1. Introduction

Throughout the world, the proportion of older people in the ger addition to other general health issues there are tremendous imp high level of tooth loss, dental caries, periodontal disease, xerosto and poor general health are often interrelated.

There are several studies on the dental status of institutionalized studies have been reported from the United States [3], Australia [10], Croatia [11], the Fiji Islands [12], Hong Kong [13] and Si institutionalized older people is generally poor, with a high decayed

In Brazil, the demographic transition has been particularly accel demand for long care facilities for older people. Despite this, dat scarce. Some reports from south Brazil suggest that the oral healt Data on the dental status of institutionalized older people from socioeconomic and cultural characteristics from the south and is virtually nonexistent. In particular, there is no data on the factors special populations and the state of oral hygiene practices. To as performed assessing oral status and hygiene practices of residen northeast Brazil.

2. Methods

This cross-sectional study was performed in the institution "La capital of Ceará State in northeast Brazil. Fortaleza has a population de Melo" is the largest institution for older people in the State individuals residing in the institution and who matched the WHO do Of the 220 residents, 167 (75.9%) met this inclusion criterion of \succeq 60 to \succeq 60 to

The study consisted of a clinical oral examination; a structured in oral hygiene practices, such as frequency of oral hygiene, type of patients' records to obtain data on age, marital status, time schooling), and retirement status. Professional carers were intempeople were not in the physical or mental condition to answer quassessment of the DMFT using Brazilian standard procedures, which

To reduce interobserver bias, all clinical examinations were done Detailed clinical data, including periodontal diseases and the use a published elsewhere [19].

Data were double entered into a database using the Epi Info soft Control and Prevention, Atlanta, USA) and checked for entry error Wallis test, appropriate multiple linear regression, using the DMI variables with a significance level of P < .25 were included in the reference analysis was done with STATATM software (Version 8; study was approved by the Ethical Review Board of the Federal Unwas obtained from study participants or the appropriate legal guarantees.

3. Results

One hundred and sixty individuals were included in the study (95 76.6 years (standard deviation = 8.6 years), with a maximum i institution was 8.2 years (range: 1 month - 50 years). Many were are detailed in Table 1.



Table 1: Demographic and socioeconomic cl northeast Brazil.

Ninety-three (58.1%) were edentulous, and the mean number of to participants was 29.7 (SD = 4.4; edentulous participants were all dentate individuals was 26.6 (SD = 5.3); 16 (23.9%) of these (68.1%) had a DMFT of 32, which meant that they did not have a ϵ

Oral hygiene practices are detailed in Table 2. Almost 90% practi these did not need the help of a professional carer. Only about I minority had visited a dentist in the preceding three months, participants perceived a need for treatment; however, clinical exartreatment in all 160 cases.



Table 2: Oral hygiene practices of institutional

In the bivariate analysis, only sex, age, and general literacy level 3). Females presented with a higher DMFT. However, this variable females was higher than that of males). In the multiple regre literacy level ($\beta = -0.79$ for each additional year of schooling; P = 2.5; P = .02) were independently significantly associated with the DMFT could be accounted for by these three independent varia



Table 3: Bivariate analysis of variables assoc filled teeth (DMFT) in institutionalized older per

A lower DMFT was observed among individuals who performed However, these and other variables regarding oral hygiene hab frequency of oral hygiene, cleaning the tongue, and regular tooth association with the DMFT.

4. Discussion

Our study shows that the experience of dental caries (as represe

people in northeast Brazil is extremely high. The data also found t this special population. Similar to most studies on institutionalized proportion of the population was edentulous.

The oral health status in the general older people population has the oral health of institutionalized older people and underprivilege 20–23]. The DMFT varies considerably not only between different countries and cultures, and it is consistently higher in instituti populations [4–15, 17, 24]. For example, in Hong Kong, the n compared to 17.7 in noninstitutionalized older people [24]. A sn indicate that the oral health status of institutionalized as well as r [15, 17, 25]. In southern Brazil, the DMFT in institutionalized was study population from the northeast (DMFT = 29.7). A represent health conditions in the Brazilian population revealed a mean DMF1

Oral hygiene practices in the study population were inadequate, dental health care. In all residents, a need for treatment by a de only 44% had perceived that need. In Brazil, residents in these ir conditions, and the findings of the present study indicate that den needs more attention. Initially, these issues were discussed with regularly performs preventive and curative oral health care activiti study.

On the public health level, health education programs focusing mandatory. An integrated approach is needed, and oral health Additionally, it is necessary to implement curative and rehabilita need for future dental treatment [27].

Due to the cross-sectional design, causal and temporal relationshi not be clearly established. In addition, a possible limitation of institution, although this was the largest nursing home in the state

In conclusion, this study shows that the dental status of institution poor. There is a lack of perceived need for dental services and of also needed focusing on the special needs of this neglected and their quality of life.

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