



Brazil

The importance of geriatric dentistry in the context of gerontology: home care and hospital services - the reality of a service in Brazil



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Theme:

Improving Health and Health Care Services for the Elderly

- Oral health in patients with Alzheimer's
 - Advanced stages of Alzheimer's
 - Home care and Hospital services
 - Gerontology and Dentistry



- No conflicts of interest;
- All images have been authorized by signing an informed consent ;
- All images used have the technical and scientific purpose;
- Experience of more than 10 years dedicated to home and hospital dental care (ICU and surgical center) in patients with Alzheimer's disease for health and quality of life – **GERONTOLOGY**;



The present study, **EXPERIENCE REPORT**, aims to address the behaviors, clinical techniques, management, adaptation and evaluation of the knowledge of health professionals about the appropriateness of the oral environment conducted in patients suffering from neurodegenerative diseases (Alzheimer's) in Brasilia, Brazil.



Gerontology context

- * Health promotion
- * Quality of life
- * Biopsychosocial interference
 - * Family participation
 - * Interdisciplinary planning



**Alzheimer's
disease**

**Oral health
Dentist**

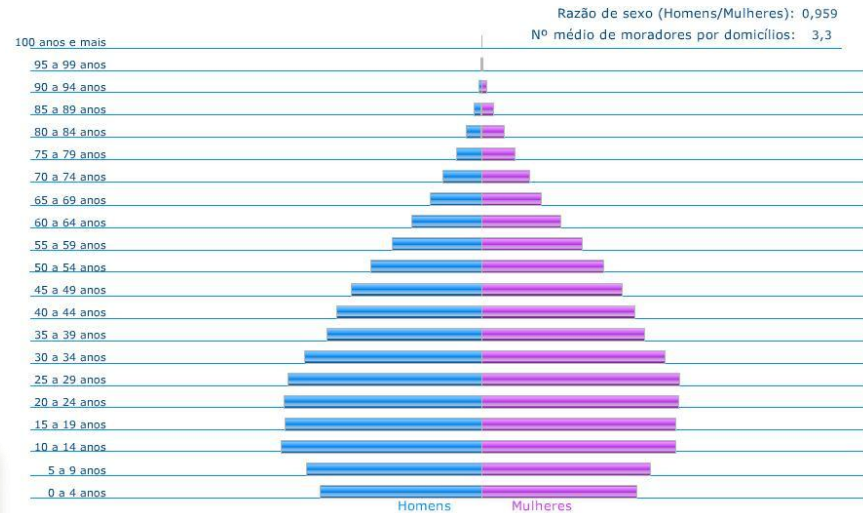


International Conference on
Geriatrics & Gerontology
July 8-10, 2014, DoubleTree by Hilton Hotel Chicago, USA



Brazil

Age pyramidal



Data: Brazilian Institute of Geography and Statistics
www.ibge.gov.br

LAST DEMOGRAPHYC SENSE, 2010



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Brazil

Epidemiology

Increased life expectancy (average): 73 years

Men - 69 years

Women - 77 years

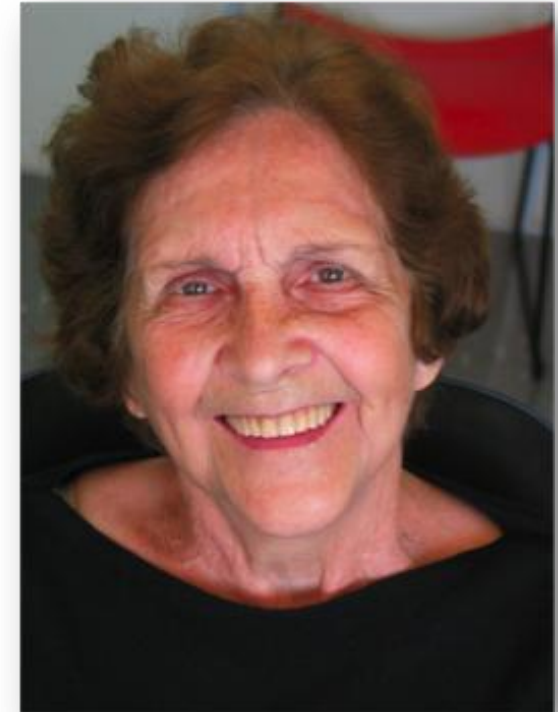
2025: 2 children / 6 old people

2050: 1 child / 5 old people

Data: Brazilian Institute of Geography and Statistics

www.ibge.gov.br

LAST DEMOGRAPHIC SENSE, 2010





Aging in Brazil

- * Increased number of specific diseases;
- * Need for multidisciplinary action (health professionals and FAMILY);
- * Increase in public financial support (social programs, health, ...);
- * Training, professional skills and differentiation (Geriatric dentistry) - **NEED OF BRAZIL**

Especially home and hospital fragile elderly

ALZHEIMER'S DISEASE





Geriatrics and Gerontology Interactions



- Vascular (brain) diseases
 - Heart Diseases
- Pulmonary Diseases
 - Diabetes
 - Cancer
- Osteoporosis
- Alzheimer's
- Vascular Dementia
 - Parkinson
- Rheumatoid Arthritis
 - Orofacial Pain



Geriatrics and Gerontology Interactions

ALZHEIMER'S DISEASE



2004



2009



2014



Home dentistry

“Adaptation of the dentist to the context and reality of the frail elderly patient”



Home dentistry



The proper treatment planning is of great importance because **only the essential procedures should be performed at the individual residence** - elimination of inflammatory processes, infections and pain.

THE GERONTOLOGY PLANNING WITH OTHER HEALTH PROFESSIONALS AND FAMILY PATIENT IS VERY IMPORTANT



Home dentistry



Restoration – Adequacy of the oral cavity



Training of family members and caregivers to promote oral health; Adaptation





Hospital dentistry



“The importance of elderly oral health in hospital”



Hospital dentistry



"... elderly patients have a higher prevalence of hospital admissions due to pulmonary problems (PNEUMONIA) and require specific care"

Terpenning et al., 2001; Benatti & Montenegro, 2010

"... severe patients, intubated and mechanically ventilated at higher risk of lung infection..."

Mojon, 2002; Oliveira et al., 2007



Home and Hospital dentistry

ALZHEIMER'S DISEASE

The difficulty for the promotion of oral health



Patients in advanced stages of Alzheimer's disease are not employees and depends on other professionals to promote oral health - there is a lack of professional training to assist these patients.

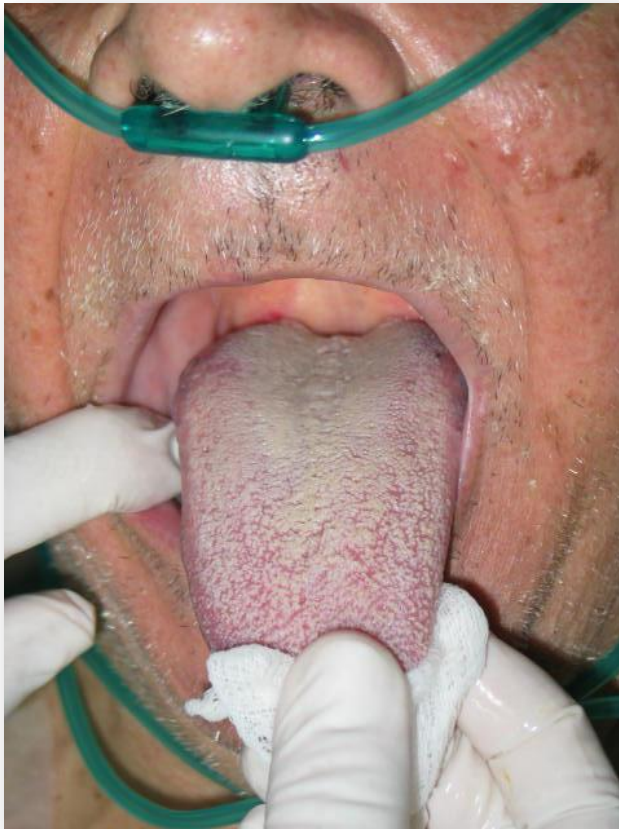
Friedlander, 2006; Miranda et,al, 2010



Home and Hospital dentistry

ALZHEIMER'S DISEASE

The difficulty for the promotion of oral health



Intensive Care Unit



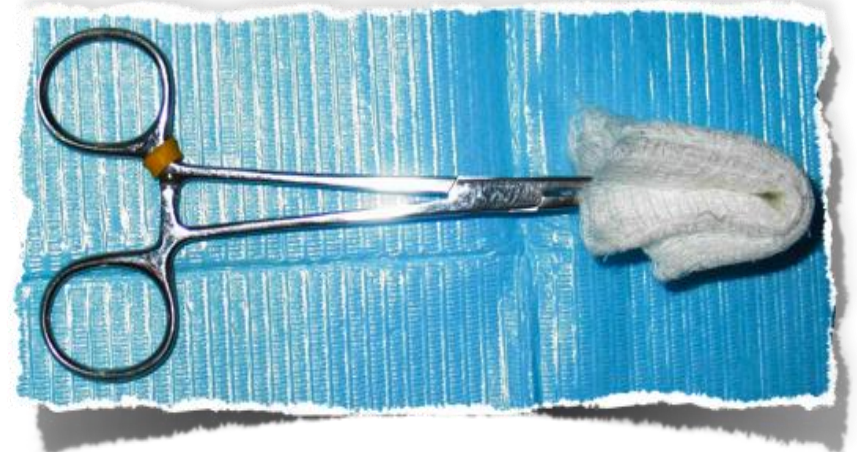


Home and Hospital dentistry

ALZHEIMER'S DISEASE

The difficulty for the promotion of oral health

"Auxiliary means"
"Facilitators" to access the oral cavity



Professional ability
Correct use



Home and Hospital dentistry

ALZHEIMER'S DISEASE

The difficulty for the promotion of oral health

"Auxiliary means"
"Facilitators" to access to the oral cavity



Home care



Intensive Care Unit



Home and Hospital dentistry

ALZHEIMER'S DISEASE

The difficulty for the promotion of oral health

CASE 1





Home and Hospital dentistry

ALZHEIMER'S DISEASE

The difficulty for the promotion of oral health





Home and Hospital dentistry

ALZHEIMER'S DISEASE

The difficulty for the promotion of oral health

CASE 2

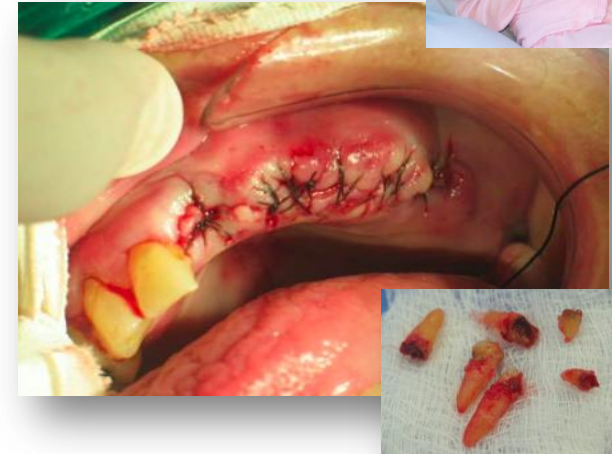




Home and Hospital dentistry

ALZHEIMER'S DISEASE

The difficulty for the promotion of oral health





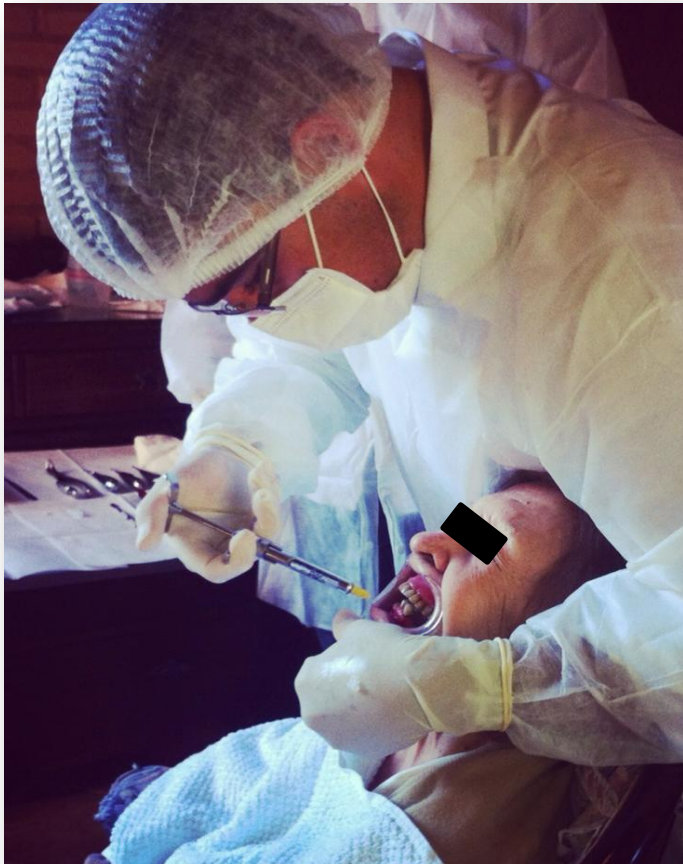
ALZHEIMER'S DISEASE



**The importance of geriatric dentistry in the context of gerontology:
home care and hospital services – QUALITY OF LIFE**



Conclusions



- * **Need for a higher number of trained dentists for these types of calls with an interdisciplinary planning;**
- * **Need for greater integration of oral health into the context of geriatrics and gerontology;**
- * **Need for more scientific articles on this topic;**
- * **Greater disclosure of such health assistance to frail elderly with Alzheimer's;**
- * **Geriatric dentistry is important to the elderly patients health and quality of life with essential services that exist in all the world.**



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Thank you so much!





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