MRC-CONFAP: Health Systems Research Networks Workshop
Brasilia, 26th to 28th of June

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Areas of expertise:
Oral Health
• Stomatology /Oral medicine (in particular, oral cancer)
• Health informatics
• Evidence-based practice
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Postgraduate Program in Oral Health
(21 researchers)

Postgraduate Program in Health Science
(74 researchers)
Possible areas of research collaboration

- Oral cancer: prevention early detection and early diagnosis, economic analysis (1, 2, 7, 8)
- Epidemiological studies on oral health surveillance and related health inequities, and also research on psychosocial determinants of oral health and quality of life (3, 4, 5, 6, 8)
- Reduction of severity of side effects head and neck cancer treatment and hematopoietic stem cell transplantation patients (1, 2, 5)
- Simplified and less invasive prosthodontics/implant treatment: focusing in elderly, quality of life impacts, economic analysis (3, 2, 8)
- Promotion of comfort in dental treatment: pain control, sedation (1, 5)
- Development of an interoperable Electronic Health Record in the context of oral health - eSaudeBucal (7, 8, 10)
Project 1 - Oral cancer: NUHS (SUS) perspective
Reasons to prioritize research investments

- NO National policy for prevention and early detection of oral cancer
- Fifth most prevalent cancer in men; the sixth in women in Brazil (INCA, 2016)
- Large number of advanced stage cases reaching treatment (more than 80%)
- The adoption of any health technology = there must be evidence of cost-effectiveness
- No scientific evidence of effectiveness of any oral cancer screening program

Pilot implementation of a Screening and Matricial Program to Goiás State leading by UFG researchers and public health system

- It was a demand from population through Public Ministry at Goias State and a cooperation of UFG (CGDB-FO), State Dept of Health, ACCG
- Permanent and continuous educational program for primary care professionals of public health system
- Population empowerment
- Monitoring Periodic and continuous process of the risk population for oral cancer
- Infrastructure and human resources already exists at SUS

Right moment to conduct a cost-effectiveness study:

- Costs and outcomes of the current scenario (with no specific strategy)
- X scenario of the Program in the pilot implementation.
Screening and matricial program for oral cancer in a NHS: comprehensive study of economic analysis

Is the screening and matricial program for oral cancer in Goiás cost-effective? What is the budget impact after implementation?

- Program cost
- Disease cost
- Effectiveness (diagnosis methods)
- Utility
- Cost-effectiveness
- Cost-utility
- Cost-benefit
- Budget impact

Primary data
Secondary data
Primary data
Secondary data

- Primary data
- Secondary data

- Primary data
- Secondary data

- Highlands information system
- Outpatient information system

* Ongoing studies
There is no health without information, and information is not free.

First, we need to select the relevant information.

It has an environment.

Partnership

Research

Innovation

Ethics

Law

Standards

openEHR

Longitudinal Project 2