

June 2011



Oral health in HIV/AIDS - strengthening the prevention of HIV/AIDS in Africa

Public health research supported by the Danish Ministry of Foreign Affairs

Project coordinator:

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The aim of this project is to analyse the "double burden" of oral disease in children/orphans and adults in Tanzania and Burkina Faso, as related to HIV/AIDS. Moreover, the project will highlight the potential role of schoolteachers and oral health systems for integrated prevention and promotion of quality of life of communities affected. A multicentre cross-sectional study of children and adults is conducted in the two countries whereby data on the clinical oral disease and oral manifestations of HIV/AIDS are recorded and compared to the situation in the background population. Oral health behaviour, knowledge, attitudes and use/coverage of oral health care, and quality of life measures are investigated based on systematic interviews. The studies comprise 2800 participants in each country and the local research teams are trained in research, which will build capacity for oral health research, oral health systems capacity and strengthening of prevention of HIV/AIDS in disadvantaged people. Systematic data on capacity of schoolteachers (2 x 350 teachers) in oral health promotion are collected through structured questionnaires and qualitative data are collected on public health initiatives and programmes for oral health and HIV/AIDS prevention in the two countries. The project is based on operational research aiming at immediate use of results for public health action and special initiatives for translation of research experience in the countries and Africa are made.

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The oral health problem

Oral manifestations in HIV/AIDS ([attachment 1](#) eller [link](#))

Research

1. Kahabuka FK, Fabian F, Petersen PE, Nguvumali H. Awareness of HIV/AIDS and its oral manifestations among people living with HIV in Dar es Salaam, Tanzania. *African Journal of AIDS Research* 2007; 6: 91-5. ([attachment 2](#) eller [link](#))
2. Fabian F, Kahabuka FK, Petersen PE, Shubi FM, Jürgensen N. Oral manifestations among people living with HIV/AIDS in Tanzania. *International Dental Journal* 2009; 59: 187-91. ([attachment 3](#) eller [link](#))
3. Eve Cuny, Poul Erik Petersen, Kathy Eklund and Nanna Jürgensen (Eds.). *Infection Control in Practice - Oral Health Care*. Copenhagen: University of Copenhagen & OSAP, 2010. ([attachment 4](#) eller [link](#))
4. Kahabuka FK, Petersen PE. Common risk factor strategies in oral health promotion. *Community Dent Health* 2010 (Supplement 1); 27:131. ([attachment 5](#) eller [link](#))
5. Ouattara S, Petersen PE. Oral health promotion for people living with HIV AIDS – the case of Burkina Faso. *Community Dent Health* 2010 (Supplement 1); 27:132. ([attachment 6](#) eller [link](#))
6. Jürgensen N. Oral health promotion through schools. *Community Dent Health* 2010 (Supplement 1); 27:132. ([attachment 7](#) eller [link](#))

Global public health action

1. Coogan MM, Greenspan, Stellacombe SJ. Oral lesions in infection with human immunodeficiency virus. *Bulletin of the World Health Organization* 2005; 83:700-6.
2. Petersen PE. Policy for Prevention of oral manifestations in HIV/AIDS: The approach of the WHO Global Oral Health Program. *Advances in Dental Research* 2006; 19: 17-20
3. Petersen PE. Strengthening the prevention of HIV/AIDS-related oral disease: a global approach. *Community Dentistry and Oral Epidemiology* 2004; 32:399-401
4. Petersen PE. Oral health (pp 677-685). I: Heggenhougen K, Quah S (eds). *International Encyclopedia of Public Health*, Vol 4, 2008.

Other relevant links

(<http://www.odont.ku.dk/fagomr/sektion1/samfundsodontologi/>)
(http://odontology.ku.dk/departments/community_dentistry/)
http://www.who.int/oral_health/en/