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Objectives

Based on the Nexø model¹, an individual preventive dental health program named 'Non Operative Caries Treatment and Prevention (NOCTP)' was introduced in the Netherlands in 2013². This program proved to be cost-effective in preventing dental caries in children aged 6-12. Convinced of these positive outcomes, several Dutch dental professionals have tried to implement this program in daily practice, with different success. By means of a qualitative study we identified barriers and facilitators for implementation of the NOCTP program in general dental (hygiene) practices.

Methods

8 semi-structured interviews
n= 6 dental professionals with Nexø experience
n= 2 dental professionals with no Nexø experience

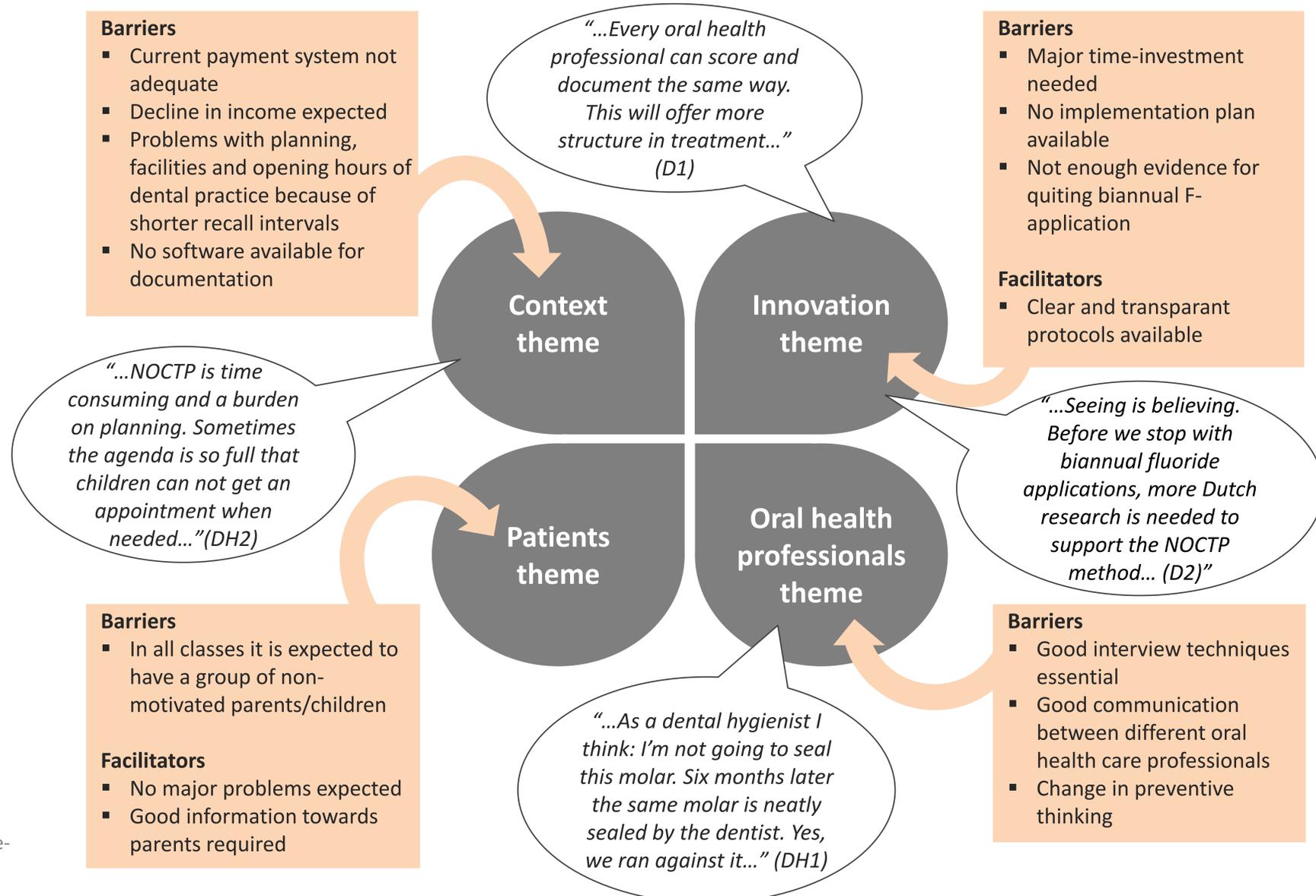
- Verbatim transcription
- Thematic coding and analysis with MaxQDA 10

A framework was used for data gathering and analysis. Main themes were: 1) innovation, 2) patients, 3) context and 4) healthcare professional³.



"...The importance of prevention is very large, this should actually be taken for granted ... (D3)"

Results



REFERENCES

1. Ekstrand, K. R., and M. E. C. Christiansen. "Outcomes of a non-operative caries treatment programme for children and adolescents." *Caries research* 39.6 (2005): 455-467.

2.. Vermaire, J. H., et al. "A three-year randomized controlled trial in 6-year-old children on caries-preventive strategies in a general dental practice in the Netherlands." *Caries research* 48.6 (2014): 524-533.

3. Peters, M. A. J., et al. "Ruimte voor verandering." *Knelpunten en mogelijkheden voor verandering in de patientenzorg* (2003).

Conclusions

Despite the predominant positive attitude towards implementation of the NOCTP program, interviewees expect that implementation of the program will succeed even more when health care insurers reward preventive approach instead of curative treatment by a kind of 'Pay for performance system'. Other import barriers are the excellent communication and interview skills needed in the theme 'oral health professional' and the major time-investment for implementing NOCTP in the 'innovation' theme. Main facilitator for NOCTP method is that there are clear protocols available for each age group.