

# View Abstract

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If the line "**PREFERRED PRESENTATION TYPE: Proposal Submission**" appears in the proof below, the abstract co-author notification you received is attached to a session proposal submission.

**CONTROL ID:** 3573543

**TITLE:** The Acceptability Of The Intra-Oral Camera By Dutch Nurses

**PREFERRED PRESENTATION TYPE:** Poster Only

**CURRENT SCIENTIFIC GROUPS & NETWORKS:** e-Oral Health Network

**PRESENTER:** Janneke Scheerman

**PRESENTER (INSTITUTION ONLY):** Inholland University of Applied Sciences

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### ABSTRACT BODY:

**Objectives:** Nursing-home residents have limited access to oral healthcare services. In France, nurses use intra-oral cameras to provide teleconsultation with dental professionals for remote assessment of residents' oral health. In the Netherlands, intra-oral cameras have not yet been introduced for this purpose. The aim of this qualitative study was to investigate nurses' acceptance of the intra-oral camera for providing oral-health care remotely to nursing-home residents.

**Methods:** Nurses were recruited from the psychogeriatric and somatic ward of five nursing homes in the Netherlands, from September to December 2020. Due to the COVID-19 pandemic, semi-structured interviews were held with twenty nurses via Microsoft Teams. The intra-oral camera was demonstrated in an online video. The topic list was based on the Technology Acceptance Model (Davis, 1985) and reviewed by an expert group. The topics include: the use of e-health; current oral health care; collaboration with oral-health professionals; nurses' acceptance of the intra-oral camera and expected acceptance of nursing-home residents. Each interview lasted approximately 45 minutes and was recorded. The data was transcribed verbatim in MaxQDA2020 and analyzed using the Grounded Theory approach.

**Results:** In total twenty nurses were interviewed. The majority of respondents were willing to try the intraoral camera when implemented (n=18). Some nurses mentioned that lack of time could be an issue during implementation. Barriers that were mentioned included that nursing-home residents may not be able to keep their mouth open long enough for the examination or may bite on the camera (especially residents of the psychogeriatric) and therefore nurses expected that the camera cannot be applied in people with reduced cognition, like dementia.

**Conclusions:** The Dutch nurses appear to be willing to try the intraoral camera when implemented. Future research has to determine whether the intra-oral camera can be applied in people with reduced cognition.

**TABLE TITLE:** (No Tables)

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**TABLE FOOTER:** (No Tables)

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**KEYWORDS:** teleconsultation, intra-oral camera, acceptability, interprofessional, nurses.

**AWARDS:** IADR Group/Network Award-Women in Science Promising Talent Award

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**Group Author Abstracts - Abstract:** (none)

**Themes:** (none)

**Hybrid Meeting:** I agree and will participate.

**1-Sentence Summary:** The Dutch nurses appear to be willing to try the intraoral camera when implemented.

**2020 General Session Abstract:** No, this abstract is original

**Presenter Attendance:** In-person attendee

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