

Press release

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Basic information

Name: Arwa Gera Email: arwa@dent.au.dk Phone: +45-50336278

Department of: Dentistry

Main supervisor: Marie A. Cornelis

Title of dissertation: Retention, stability and patient perceptions after orthodontic treatment

Date for defence: 27 November 2020 at (time of day): 09:30-11:30 Place: Online via Zoom

Press release (Danish)

Retention, stabilitet og patienterfaringer efter ortodontisk behandling

Stabiliteten af ortodontiske behandlingsresultater er af yderste interesse både for specialtandlæger i ortodonti og patienter. Viden om prognostiske faktorer for stabilitet og hvilken retentionsprotokol man bør foretrække er dog stadig usikker. Desuden giver patient-rapporterede resultater om for eksempel livskvalitet vigtige oplysninger.

Ph.d. afhandlingen fokuserer på "retention og stabilitet" efter ortodontisk behandling, afsluttet med fast retention. Derudover udforsker PhD afhandlingen hvordan malokklusion påvirker Oral Health Related Quality of Life (OHRQoL) hos henholdsvis ortodontisk behandlede og ubehandlede personer, og undersøger sammenhængen mellem den objektive sværhedsgrad af malokklusion og den selv-rapporterede OHRQoL. I afhandlingen indgår desuden to studier; det ene rapporterer udviklingen af en dansk version af the Oral Health Impact Profile-14 (OHIP-14-DK), det andet beskriver nøjagtigheden og reproducerbarheden af Peer Assessment Rating (PAR) indexet, målt direkte på digitale modeller og manuelt på de samme modeller udprintet.

Projektet er gennemført af Arwa Gera. Forsvaret af ph.d.-projektet er offentligt, vil blive holdt på engelsk og vil foregå online via Zoom den 27. november 2020 kl. 9.30. på Zoom meeting <https://aarhusuniversity.zoom.us/j/64679019877>. Meeting ID: 646 7901 9877

Titlen på projektet er "Retention, stabilitet og patienterfaringer efter ortodontisk behandling".

Yderligere oplysninger:

Ph.d.-studerende Arwa Gera, E-mail: arwa@dent.au.dk, tlf. +45-50336278

Bedømmelsesudvalg:

Andrea Bresin

Senior consultant

Director of the Postgraduate program in Orthodontics

Specialist clinic Orthodontics Public Dental Service Västra Götaland Region

Göteborg

Sweden

Anne Marie Kuijpers-Jagtman

DDS, PhD, FDSRCSEng Professor Emeritus, Senior Researcher

Department of Orthodontics

University Medical Centre Groningen

Groningen

The Netherlands

Formand for komiteen og moderator på det offentlige forsvar
Sebastian Schlafer
Associate Professor
Section for Operative Dentistry, Dental Pathology and Endodontics
Department of Dentistry and Oral Health
Faculty of Health
Aarhus University
Denmark

Hovedvejleder og ikke stemmeberettiget medlem
Marie A. Cornelis
Associate Professor
Section of Orthodontics
Department of Dentistry and Oral Health
Faculty of Health
Aarhus University
Denmark

Press release (English)
Retention, stability and patient perceptions after orthodontic treatment

The stability of orthodontic treatment results is of utmost interest for both orthodontists and patients. Knowledge about the preferred retention protocol and prognostic factors for stability is inconclusive. Moreover, patient-reported outcomes such as quality of life measures provide important patient input.

The PhD dissertation focuses on "retention & stability" after orthodontic treatment with the presence of fixed retainers. In addition, the PhD dissertation explores the impact of malocclusion on Oral Health Related Quality of Life (OHRQoL) between orthodontically treated and untreated individuals and investigates the correlation between the objective severity of malocclusion and the self-reported OHRQoL. Moreover, there are two additional studies, one reports the development of a Danish version of the Oral Health Impact Profile-14 (OHIP-14-DK) and the other reports the accuracy and reproducibility of the Peer Assessment Rating (PAR) index when measured digitally on direct digital models and manually on their printed model equivalents.

The project was carried out by Arwa Gera, who is defending her dissertation on 27 November 2020.

The defence is public will be in English and takes place online via Zoom on 27 November 2020 at 09:30, join Zoom meeting <https://aarhusuniversity.zoom.us/j/64679019877>. Meeting ID: 646 7901 9877

The title of the project is "Retention, stability and patient perceptions after orthodontic treatment". For more information, please contact PhD student Arwa Gera, Email: arwa@dent.au.dk, Phone +45-50336278

Assessment committee:
Andrea Bresin
Senior consultant
Director of the Postgraduate program in Orthodontics
Specialist clinic Orthodontics Public Dental Service Västra Götaland Region
Göteborg
Sweden

Anne Marie Kuijpers-Jagtman
DDS, PhD, FDSRCSEng Professor Emeritus, Senior Researcher
Department of Orthodontics
University Medical Centre Groningen
Groningen
The Netherlands

Chairman of the committee and moderator of the public defence
Sebastian Schlafer
Associate Professor
Section for Operative Dentistry, Dental Pathology and Endodontics
Department of Dentistry and Oral Health
Faculty of Health
Aarhus University
Denmark

Main supervisor and non-voting member
Marie A. Cornelis
Associate Professor
Section of Orthodontics
Department of Dentistry and Oral Health
Faculty of Health
Aarhus University
Denmark

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