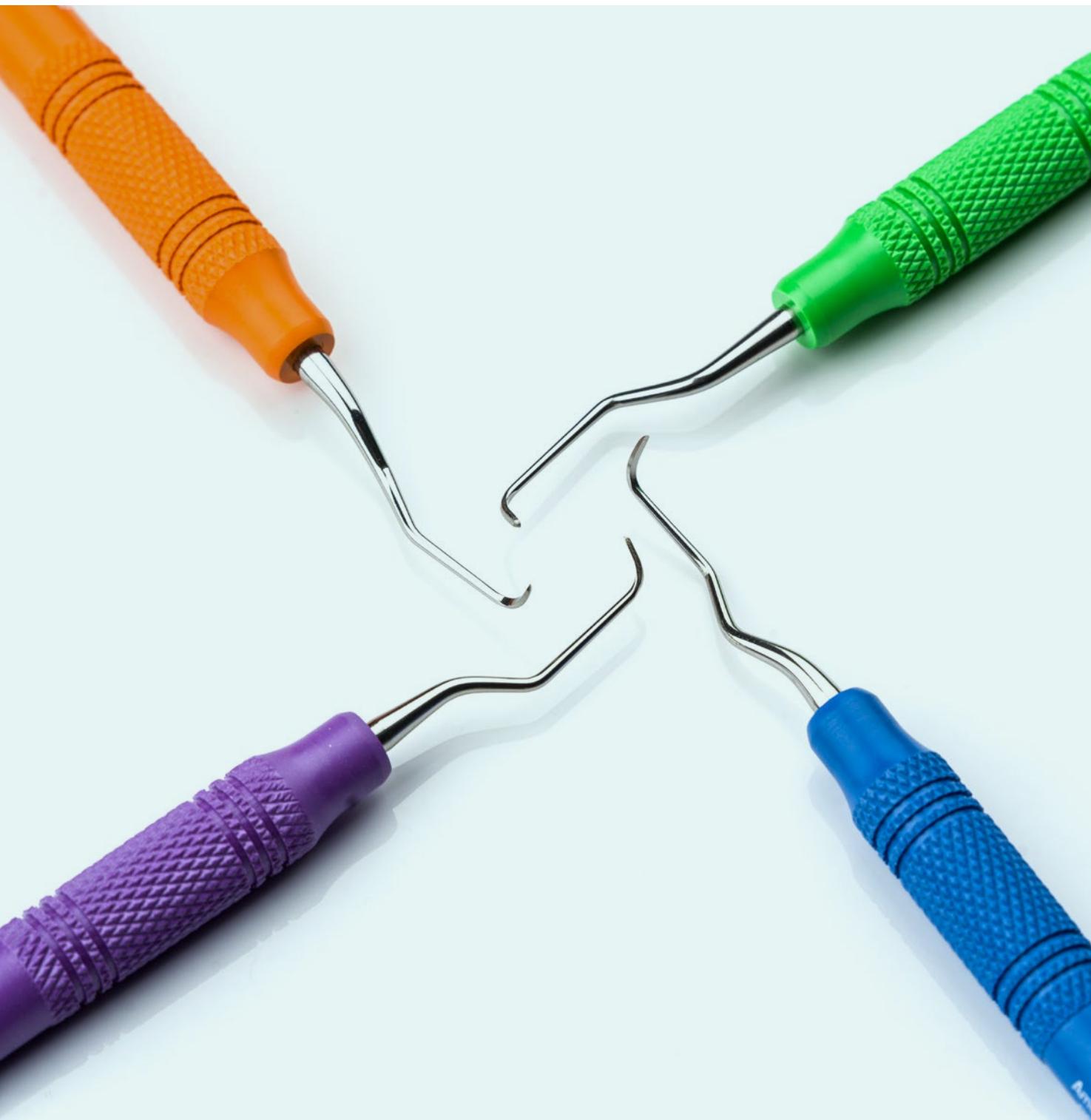


Symposium 2021

Parodontologi

5.-6. november 2021

Aalborg



VELKOMMEN

til Tandlægeforeningens
SYMPOSIUM 2021
i Aalborg



Lone Sander
Faglig koordinator



Mette Rylev
Faglig koordinator



Ole Thomas Marker
Symposium ansvarlig



Tina Mie Juul
Symposium ansvarlig

Arrangementskomité:

Lone Sander, Dentist, PhD, EFP-cert. spec. in periodontology

Mette Rylev, Dentist, PhD, Dr. med. Dent, EFP-cert. spec. in periodontology

Ole Thomas Marker, efteruddannelseschef, Tandlægeforeningens Efteruddannelse

Tina Mie Juul, chefkonsulent, Tandlægeforeningens Efteruddannelse

Parodontologi – fra videnskab til praksis

Det er med stor glæde, at vi i 2021 kan byde velkommen til Tandlægeforeningens Symposium i parodontologi.

Det er ti år siden emnet sidst blev belyst, og vi ser derfor frem til, at en række førende internationale og kendte nationale forskere og klinikere igen vil bidrage med den nyeste viden inden for fagområdet.

Parodontologien er en vigtig og interessant odontologisk disciplin. Sygdommen parodontitis er udbredt globalt og fylder meget i vores daglige virke. Det kræver derfor en solid klinisk indsats af os som behandlere både at mestre diagnostik og forebyggelse, men også et grundigt kendskab til anerkendte retningslinjer for terapi. Særligt i dag hvor vi tilstræber tandbevarende behandlinger, der fører til sunde forhold, som skal opretholdes over lang tid.

I planlægningen af Symposium 2021 har vi vægtet at skabe et forum, hvor deltagerne ikke bare bibringes videnskabelig forståelse for sygdommens udvikling og indflydelse på det almene helbred, men også strategi og metode, når der i hverdagen skal diagnosticeres og behandles patienter med alt fra initial til yderst avanceret parodontal sygdom. Fra basal kontrol af biofilm til protetisk rekonstruktion af svære sygdomstilfælde. Symposiet omfatter derfor en række emner, der alle har relevans for klinikere i daglig tandlægepraksis. Målet er, at kolleger efter Symposium 2021 kan tilbyde patienter med parodontitis en evidensbaseret tilgang til sygdomsklassifikation, systematisk tidssvarende behandling – og siden vedligeholdelse af opnåede behandlingsresultater.

Vi håber, at programmet vil inspirere jer, og vi ser med forventning og glæde frem til to spændende dage med internationalt niveau på dansk grund.

Mette Rylev & Lone Sander, fagligt ansvarlige, tandlæger, PhD.

Susanne Kleist, formand for Tandlægeforeningen

PROGRAM FREDAG DEN 5. NOVEMBER 2021

08.30-09.00	MORGENMAD OG -KAFFE
09.00-09.10	Velkommen
	Ole Thomas Marker
	Susanne Kleist
09.10-09.20	Program og praktisk information
	Lone Sander
	Mette Rylev
09.20-09.50	Keynote speech: The Impact of the Global Burden of periodontal diseases on the well-being of Mankind
	Maurizio Tonetti
09.50-13.00	BLOK I: BASISKONCEPTER
09.50-10.30	Periodontal diagnosis and classification system – Implementation in clinical practice
	Ian Needleman
10.30-11.00	PAUSE
11.00-11.40	Interview: Mærk dit mikrobiom
	Lone Frank
	Mogens Killian
11.40-12.20	The pathogenesis of periodontitis – Where were we and where are we now?
	Iain L C Chapple
12.20-13.00	Is periodontitis bad for your health? An update on recent evidence on Risks and Impact factors.
	Francesco D'Aiuto
13.00-14.00	FROKOST
14.00-17.15	BLOK II: BEHANDLINGSPLANLÆGNING OG BEHANDLING
14.00-14.45	Begin with the end in mind – Treat towards target
	Niklaus P. Lang
14.45-15.30	Infektionskontrol/ikke-kirurgisk behandling af parodontitis i praksis
	Mette Rylev
	Lone Sander
15.30-16.00	PAUSE
16.00-16.40	Giv et adfærdsskub i den rigtige retning – forandringer ved anvendelse af indsigtet om mennesket og vores adfærd
	Tinna Nielsen
16.40-17.15	Klinisk relevans, dag 1 – kasusdiskussion (Q&A)

PROGRAMOVERSIGT LØRDAG D. 6. NOVEMBER 2021

08.00-08.30	MORGENKAFFE
08.30-15.15	BLOK III: BEHANDLINGSPLANLÆGNING OG BEHANDLING – FORTSAT
08.30-08.45	Introduktion til dag 2: Signifikans og resultater ved brug af adgangsgivende lap operation
	Lone Sander
08.45-09.30	Periodontal surgery and regeneration
	Sandro Cortellini
09.30-10.00	Treatment of furcation involved- and hopeless teeth
	Sandro Cortellini
10.00-10.30	PAUSE
10.30-10.50	Endo-perio lesions – interrelationships and treatment
	Anders Verket
10.50-11.20	Treatment planning – a periodontally compromised patient
	Bjarni Pjertursson
11.20-12.15	Systematic approach for restoring periodontally compromised patients
	Bjarni Pjertursson
12.15-13.15	FROKOST
13.15-13.25	Præsentation af Symposium 2022
13.25-13.45	Prognosis and maintenance after periodontal therapy
	Christoph Ramseier
13.45-14.00	Klinisk relevans dag 2 – paneldiskussion (Q&A)
14.00-14.20	Ortodontisk behandling af patienter med reduceret parodontium – det interdisciplinære samarbejde
	Morten G. Laursen
14.20-14.50	PAUSE
14.50-15.15	Periodontal plastic surgery – The Bernese concept for the treatment of single and multiple gingival recessions
	Anton Sculean
15.15-15.30	Resumé af Symposiet
	Bjarne Klausen
15.30-15.35	Afslutning

Parodontologi

PROGRAM → Fredag den 5. november 2021



08.30-09.00 MORGENMAD OG KAFFE

09.00-09.10 Velkommen



Ole Thomas Marker
Susanne Kleist

09.10-09.20 Program og praktisk information



Mette Rylev, tandlæge, ph.d., EFP-cert. spec. i parodontologi
Lone Sander, tandlæge, ph.d., EFP-cert. spec. i parodontologi

09.20-09.50 Keynote speech: The Impact of the Global Burden of periodontal diseases on the health and well-being of Mankind



Maurizio Tonetti, DMD, PhD, MMSc, FDS RCPS, FDS RCS(Eng)

There is more to periodontitis than what we see in the mouth of our patients. While it is important to have a full understanding of the devastating impact that this disease has over the course of life, it is even more important to fully appreciate its impact on society, equality and the health systems. Dentists, hygienists and their patients need to be committed and vocal advocates for change: Is periodontal health high enough in the health policy agenda? This presentation will describe how recent novel initiatives may offer exciting opportunities to improve periodontal health.

09.50-10.30 Periodontal diagnosis and classification system – Implementation in clinical practice



Ian Needleman, Professor of Periodontology and Evidence-Informed Healthcare

Classification seems a dull topic but can really help you enhance assessment, planning and management to achieve excellence in periodontal health. I hope to show you both how to navigate simply through the new classification and why you will want to implement it with your practice team.

SYMPORIUM 2021 · PARODONTOLOGI

10.30-11.00 PAUSE

11.00-11.40 Interview: Mærk dit mikrobiom



Lone Frank, videnskabsjournalist, forfatter og ph.d. i neuro-biologi
Mogens Kilian, professor emer. i medicinsk mikrobiologi, adjungeret professor i bakterie-populationsgenetik

Vores forhold til de mere end 1000 bakterie-, Archaea- og svampearter, som udgør vores mikrobiom, er et resultat af millioner af års coevolution og har medført et gensidigt afhængighedsforhold, som for det meste er præget af harmonisk interaktion. Den nyeste kortlægning af det orale mikrobiom har gjort det klart, at caries og parodontitis skyldes en ubalance (dysbiose) i mundhulens mikrobiom induceret af moderne livsstil. Ændringer i kost og andre økologiske faktorer resulterer i ændringer i balancen mellem de forskellige mikroorganismér i mikrobiomet, ikke mindst i mundhulen og tarmen. Lone Frank og Mogens Kilian diskuterer hvad denne viden betyder for forståelsen af vores generelle velværd, de orale sygdomme og for den optimale behandling og forebyggelse af dem.

11.40-12.20 The pathogenesis of periodontitis – Where were we and where are we now?



Iain L C Chapple, Professor of Periodontology, Director of Research

This presentation will take delegates on a journey from history to contemporary thinking in the pathogenesis of periodontitis. It will discuss humans as holobionts and the balance between living with our healthy bacteria and how this balance can go wrong. It will discuss how dysbiosis can result from our immune response, but also how dysbiosis can drive an unbalanced immune response in a circular relationship: which comes first the chicken or the egg? The lecture will move on to the role of altered innate immune responses in periodontal tissue destruction and will finish by indicating how such responses can impact systemic health. The presentation will use illustrations and animated diagrams to help guide the delegate through these concepts.

12.20-13.00 Is periodontitis bad for your health? An update on recent evidence on risks and impact factors



Francesco D'Aiuto, Associate Professor, PhD

Oral diseases including periodontitis affect the majority of the population at some time and they are a huge burden both on individuals and on society generally. In the last two decades the importance of oral health as an essential component of the overall systemic wellbeing has reached important heights. Convincing evidence suggests that periodontal diseases may play a significant role in a variety of other systemic health problems. Could these associations be explained by other common risk factors [for example smoking or obesity]? Nevertheless, body inflammation could be linking periodontitis and other systemic diseases. Patients gather information via the available media (newspapers, blogs and the internet) and are ever becoming aware of these possible links. However, this information is often biased and open to ambiguous interpretation.

Oral health professionals should be confident in answering/addressing their patients on the clinical and scientific relevance of these associations. Hence a critical review of the available evidence is provided. The results of most the data are broadly inconclusive. Indeed, the ultimate proof of a causal link is still missing. A better understanding of these associations would surely enable clinicians to provide better care for their patients.

- This lecture will explore the causes of periodontitis and how they could link it with other chronic conditions including diabetes and cardiovascular diseases and worse systemic health outcomes
- Possible mechanisms of these associations will be described in general terms
- Participants will ultimately gain some insight on the relevance of the association between periodontitis and systemic diseases

13.00-14.00 FROKOST

14.00-14.45 Begin with the end in mind – Treat towards target



Niklaus P. Lang, Professor of dentistry

Begin with the end in mind represents the second habit in the book by Stephen Covey "The Seven Habits of Highly Effective People", a book that proposes a principle-centered living concept for both business and private life.

Treatment planning of complex cases requires a number of principles to follow to reach an optimal treatment outcome. Utilizing the third habit of first things first means for the treatment plan to first determine a single-tooth pretherapeutic prognosis by asking the following: Which teeth or roots 1) have a secure prognosis?, 2) have a doubtful prognosis? or 3) are „irrational to treat“? The third category are teeth for which no therapy is rendered and they are extracted during initial phase of periodontal therapy. With this concept, treatment planning will be guided by the pretherapeutic risk assessment of every single tooth. Moreover, the degree of therapy needed is known from the start.

The second habit of „beginning with the end in mind“ requires a clear understanding of the treatment goals to be reached, of the status of the dentition to be restored (partially edentulous- edentulous- single tooth replacement), of the nature of the reconstructions chosen (fixed-removable), of the need for extension of the dentition adding additional chewing units (complete dentition vs. shortened dental arch), of the complexity of therapy to be expected (sinus floor augmentation, regenerative procedures), of the cost and time involved and last, but not least of the risks associated with various treatment options.

The treatment plan will strictly follow four phases: 1) the Systemic phase, 2) the Hygienic phase, 3) the corrective phase and 4) the maintenance phase. Infection control in the oral cavity is the key to successful outcomes.

14.45-15.30 Infektionskontrol/ikke-kirurgisk behandling af parodontitis i praksis



Mette Rylev, tandlæge, ph.d., EFP-cert. spec. i parodontologi

Lone Sander, tandlæge, ph.d., EFP-cert. spec. i parodontologi

Vellykket behandling af parodontitis er baseret på kontrol af infektionen og evt. modifiserende faktorer.

Som følge heraf indledes enhver parodontitisbehandling med at opnå biofilmkontrol supragingivalt efterfulgt af subgingival instrumentering. Hensigten er at opnå lav plak-% samt rene tand – og rodoverflader. Dette leder til reduktion af vævsresponset udtrykt ved lavere blødnings-% og pochedybde. Motivation til god mundhygiejne og rygestop skal betænkes professionelt sammen med omhyggelig og korrekt instrumentering. Den videnskabelige baggrund for denne tilgang er veldokumenteret, og der foreligger nye internationale retningslinjer for behandling af parodontitis. Retningslinjerne giver anbefalinger til den behandling en given patient skal modtage afhængigt af, hvilket sygdomsstadiet denne befinder sig på

Forelæsningen gennemgår i detaljer den ikke-kirurgiske behandling af parodontitis, og hvorledes behandlingen tilrettelægges og resultater vurderes. Midler, metoder og arbejdsgange anbefales med udgangspunkt i den foreliggende videnskabelige evidens.

Ved revurdering af behandlingens resultat kræves der viden om, hvorvidt målet med behandlingen er opnået, samt hvilke tiltag der skal foranstaltes efter effektiv ikke-kirurgisk behandling: Vedligeholdelse af resultatet – hvis patienten blev rask – eller behov for yderligere korrektiv behandling – herunder kirurgi.

15.30-16.00 KAFFE

- 16.00-16.40 Giv et adfærdsskub i den rigtige retning – forandringer ved anvendelse af indsigter om mennesket og vores adfærd



Tinna C. Nielsen, antropolog, diversitetsekspert og inkluderende adfærdsdesigner

Når der er uoverensstemmelser mellem fakta og handlinger, og vores viden som fagprofessionelle og vores adfærd, hvordan lukker vi så de gab? Hvis undersøgelser viser, at der er et fald i kirurgisk behandling af parodontitis, men ikke et fald i antal tilfælde, hvordan kan vi så ændre dette? Indlægget her handler om at forstå dette fra et adfærdsvidenskabeligt perspektiv. I undersøgelsen af det forunderlige og irrationelle ved menneskets sind bliver vi også nødt til at forholde os til, hvem det er, vi behandler, og hvem vi ikke behandler. Behandler vi mon alle lige? Eller kunne det tænkes, at det ikke altid forholder sig, som vi har en intention om? Og hvad kan vi så gøre ved det? Indlægget giver nogle nye indsigter og konkrete greb til at kunne skabe nogle effektive forandringer i praksis.

- 16.40-17.15 Klinisk relevans Dag 1 – kasus diskussion (Q&A)

PROGRAM → Lørdag den 6. november 2021

08.00-08.30 MORGENKAFFE

- 08.30-08.45 Introduktion til dag 2: Signifikans og resultater ved brug af adgangsgivende lap operation



Lone Sander, tandlæge, ph.d., EFP-cert. spec. i parodontologi

Ved revurdering af behandlingsresultatet efter den ikke-kirurgiske fase diagnostieres patienter i stadie 3 og 4 ofte med ikke helede pocher- dvs. blødende pocher > 5mm, angulære knogledefekter og furkaturinvolvede tænder. Tænder som efter yderligere korrektiv behandling kan bevares og opretholde funktion i mange år.

Den kirurgiske teknik, der vælges, er baseret på, hvilket behov tanden har: Adgangsgivende lap for yderligere inspektion og færdiginstrumentering af rodoverfladen, apikalt forskudt lap for pochereliminering, resektiv for fjernelse af rod eller regenerativ for opnåelse af nyt fæste.

Denne korte oversigtsforelæsning indleder formiddagens kirurgiske session.

- 08.45-10.00 Periodontal surgery and regeneration
Treatment of furcation and hopeless teeth



Sandro Cortellini, Dr., DDS, MD

Compromised teeth represent a formidable clinical challenge, as they are lost or extracted with high frequency. Advances in regeneration of periodontal intrabony defects and the parallel development of newer biomaterials and novel surgical techniques have significantly changed the prognosis of single and multi-rooted teeth with increasingly complex defects. Application of advanced regenerative medicine may even change the prognosis of teeth that were historically considered hopeless. Similar significant clinical improvements can be achieved applying periodontal regeneration to complex intrabony defects combined with furcation involvement in both maxillary and mandibular molars. Molars are characterized by the presence of deep pockets and by a pattern of periodontal breakdown that involves both apical and inter-radicular spread of attachment and bone loss. Deep pockets at molars are frequently associated with a combination of horizontal furcation defects, crater and intrabony defects at one or more of the roots. Application of periodontal regeneration to furcated molars has been an area of active investigation.

The benefits include improvement in vertical clinical attachment levels, decrease in probing pocket depths, and improvements in horizontal and vertical furcation involvement. These surrogate outcomes also translate into high prevalence of teeth survival observed during the long-term follow-up period.

10.00-10.30 PAUSE
10.30-10.50 Endo-perio lesions – interrelationships and treatment


Anders Verket, Associate Professor

Pulp tissue and the periodontal ligament are separated by cement and dentin but interconnected through the apical foramen and accessory canals. What is the impact of an infection in the pulp on periodontal tissues, and what is the impact of periodontitis on the health of the pulp? What should be considered when we face endo-perio lesions?

10.50-12.15 Treatment planning – a periodontally compromised patient
Systematic approach for restoring periodontally compromised patients


Bjarni Pjetursson, Professor, DDS, Dr. med. Dent, Mas Perio, PhD

Planning a prosthetic rehabilitation for partially edentulous patients, periodontally compromised patients are probably the most difficult cases to plan and maintain. The first question is always whether to extract or not to extract. Two decades ago the answer was simple; if the patient was willing and could afford treatment, dentists tried to maintain every tooth that had reasonable chance of surviving. With the introduction of dental implants things have changed, and the value of the natural tooth has decreased. Dentists tend to spend less time and effort in saving compromised teeth. Periodontally weakened teeth, teeth with extensive dental caries or peri-apical pathology are often extracted and replaced with implant-borne reconstructions.

In the present lecture, different prosthetic treatment options for periodontally compromise patients and their long-term success will be discussed. Teeth in different conditions will be analysed and compared with the value of dental implants. Should we follow more aggressive treatment approaches treating periodontally compromised patients? Does it still make sense to perform complicated periodontal treatment like root separation, root amputation or tunnelling or to retreat endodontic failures? Is the dental profession taking unnecessary risks by using conventional methods or has classical dentistry become outdated in the era of dental implants?

The risk factors involved by restoring periodontally compromised patients with dental implants will be discussed and a systematic prosthetic treatment approach to minimize the risk, will be presented step by step.

12.15-13.15 FROKOST
13.15-13.25 Præsentation af Symposium 2022 – Periimplantitis fra en kirurgisk, protetisk og parodontologisk vinkel


Christian Damgaard, lektor og forskningsområdeleder, ph.d., tandlæge

Simon Storgaard Jensen, professor, overtandlæge, dr.odont.

John Orloff, tandlæge, DDS, Dip imp Dent RCS (Eng)

13.25-13.45 Prognosis and maintenance after periodontal therapy


Christoph Ramseier, Acc. Professor, DDS, MØ Perio, Dr. med Dent

Following active periodontal treatment, supportive periodontal therapy (SPT) is initiated aiming to maintain the remaining periodontal supportive tissues with repeated follow-up SPT visits. Since periodontal patients may have residual periodontal pockets after active treatment, stabilization of periodontal tissues will be achieved through individual intervals. This type of personalized periodontal care can now be implemented with the help of a scientifically validated algorithm for determining SPT intervals. The goal of the online supportive periodontal therapy (SPT) interval tool located online at www.periotools.com/spt is to offer suggestions for scheduling subsequent intervals for SPT.

13.45-14.00 Klinisk relevans dag 2 – paneldiskussion (Q&A)
14.00-14.20 Ortodontisk behandling af patienter med reduceret parodontium – det interdisciplinære samarbejde


Morten G. Laursen, specialtandlæge i ortodonti

Ortodontisk behandling af parodontalt kompromittere tandsæt
Mange patienter med fæstetab oplever forværring af tandstillingen, som kan føre til uhensigtsmæssig belastning af tandsættet, vandringer og væsentlige æstetiske gener. Hvordan kan ortodontien hjælpe til at bevare tænder, forbedre funktion og bringe smil tilbage i det parodontalt kompromitterede tandsæt? Præsentationen vil fokusere på de ortodontiske muligheder og udfordringer i den interdisciplinære behandling af patienter med reduceret men sundt parodontium.

Ortodontiens rolle i behandling af gingivale retraktioner
Displacering af tænder delvist udenfor den alveolære knogle kan resultere i gingival retraktioner. Tilsvarende kan ortodontisk flytning af displacerede tænder ind i knoglen assistere til og i nogle tilfælde være afgørende for succesfuld behandling af gingivale retraktioner. Den ortodontiske behandlings impact på displacerede rødder med gingival retraktion vil blive illustreret.

14.20-14.50 PAUSE

14.50-15.15 Periodontal plastic surgery – The Bernese concept for the treatment of single and multiple gingival recessions



Anton Sculean, Prof. Dr. med. Dent, h.c. mult., M.Sc., Ph.D.

Predictable coverage of single and multiple adjacent recessions is still a challenge for the clinician. Emerging evidence indicates that the modified coronally advanced tunnel (MCAT), the laterally closed tunnel (LCT) or the very recently described combination of MCAT and LCT leads to predictable outcomes and long-term stability.

The aims of the presentation are:

To provide the biologic rationale and treatment philosophy for recession coverage in various clinical scenarios.

Based on clinical cases and video demonstrations to illustrate the step-by-step procedure for the MCAT, LCT and combination of MCAT and LCT.

15.15-15.30 Resumé af Symposiet



Bjarne Klausen, Tandlæge, ph.d., dr.odont.

15.30-15.35 Afslutning



Susanne Kleist, formand for Tandlægeforeningen

Speakers



Anders Verket

2006 DDS

2006-2009 General Dentist

2012-2015 Specialist in Periodontology

2010-2016 PhD

2017- Associate Professor, Department of Periodontology, University of Oslo, Norway

2018- Vice President, Norwegian Society of Periodontology



Anton Sculean

Anton Sculean is professor and chairman of the Department of Periodontology and currently the Head of the Dental Research Center (DRC) at the School of Dental Medicine, University of Bern, Switzerland.

Prof. Sculean has authored more than 430 articles in peer-reviewed journals, 30 chapters in periodontal textbooks and has delivered more than 500 lectures at national and international meetings and is currently listed as the top-rated expert in Periodontics in the world <https://www.expertscape.com/ex/periodontics>.

Prof. Sculean was recently appointed as Editor in Chief of *Periodontology 2000*, the number-one ranked publication in Dentistry, Oral Surgery, and Medicine.

He has been a recipient of many research awards, among others the Distinguished Scientist Award of the International Association for Dental Research (IADR), the Anthony Rizzo Young Investigator Award of the Periodontal Research Group (PRG) of the IADR, the IADR/PRG Award in Regenerative Periodontal Medicine, and the Distinguished Teacher Award of the European Orthodontic Society.

Prof. Sculean is past president of the Periodontal Research Group of the IADR, of the Swiss Society of Periodontology and of the European Federation of Periodontology (EFP). Currently, he is the president of the International Academy of Periodontology (IAP).

**Bjarne Klausen**

Henvisningspraksis for parodontologi 1993-2020
Fagkonsulent, Sundhedsstyrelsen 2015-2016
Faglig konsulent, Tandlægebladet 2015-

**Bjarni Pjetursson**

Prof. Pjetursson, received his DDS from University of Iceland in 1990. From 1990 to 2000 he worked as a general dentist in his private clinic in Iceland. In 2000 he started his postgraduate training in Periodontology and Implant Dentistry at the University of Berne, Switzerland. He received his specialist certificate (EFP & SSP) and Master of Advanced Studies in Periodontology and Doctorate in Dentistry (Dr. med. dent) from the Faculty of Medicine, University of Bern, Switzerland. From 2003 to 2005 he did his postgraduate training in Prosthodontics at the University of Berne, Switzerland. In 2014 he received his PhD from Faculty of Odontology, University of Iceland.

From 2005 he was Assistant Professor and Senior lecturer at the Department of Periodontology and Fixed Prosthodontics, University of Berne and from 2009 to 2014 he was an honorary professor at the University of Hong Kong. From 2014 to 2019 he was the Dean of the Faculty of Odontology, University of Iceland. Presently, he is a Professor and Chairman of the Department of Reconstructive Dentistry, University of Iceland. Moreover, he holds a titular professor position at the Division of Fixed Prosthodontics and Biomaterials, University of Geneva. Dr. Pjetursson is a board member of EAO, an ITI Fellow, associate editor of International Journal of Prosthodontics and member of the editorial board of Clinical Oral Implants Research. He has published extensively in the recent years. He has also given over 700 lectures in 50 countries around the world. His research interests are clinical studies in implant dentistry and evidenced based evaluation of different treatment modalities in implant- and prosthetic dentistry.

**Christoph Ramseier**

Dr. Ramseier has been educated as a dentist and graduated as a periodontist at the School of Dental Medicine, University of Berne, Switzerland. His clinical expertises are periodontology and implant dentistry. His scientific areas are periodontal risk management, health behaviour change counselling, and supportive periodontal therapy. His present position is at the Department of Periodontology, University of Bern, Switzerland.

**Francesco D'Aiuto**

Francesco qualified from the University of Naples, Italy in 1997. He attended a number of post-graduate training courses in periodontology in Italy and Sweden completing his specialty program (MClinDent) at UCL, London in 2008. His research career started with a Clinical research fellowship from the Italian Society of Periodontology (2000) followed by a PhD in clinical periodontology (2005) both at UCL. He received a number of awards including the AAP clinical Research Award (2005), Antony Rizzo Young Investigator Award in (2009), Innovators in Diabetes Award from the UK Charity Diabetes UK (2012) and a Clinical Senior Lectureship from the Department of Health in UK (2010). He was appointed Professor of Periodontology and Head of the Periodontology Unit at UCL in 2017. His research focus is predominantly on the association between periodontal diseases and systemic diseases including cardiovascular diseases and diabetes as well as pathogenesis of periodontitis and innovative regenerative therapies.

**Iain Chapple**

Iain Chapple is Professor of Periodontology, Director of Research for the Institute of Clinical Sciences, and former Dean of Dentistry (to 2020) at The University of Birmingham UK. He graduated in 1986 from Newcastle University. Iain is former Scientific Editor of the British Dental Journal, Journal of Periodontal Research and Journal Clinical Periodontology (to 2021), and current Associate Editor of Periodontology 2000. He has written 13-textbooks and 33 book chapters. Iain served the IADR Periodontal Research Group (PRG) as President (2006-7), Group Chair (2008-1015) and Counsellor (2016). He served the European Federation of Periodontology (EFP) as: Treasurer (2007-2013); EFP Workshop co-chair (2008-current); Foundation Chairman of the Scientific Advisory Committee; Editor of JCP Digest (2014-2016); EFP Secretary General (2016-2019). He was British Society of Periodontology President 2014-2015 and awarded the Charles Tomes medal of the Royal College of Surgeons (2011) and the IADR Distinguished Scientist in Periodontal Research 2018. He was awarded the special citation award of the American Academy of Periodontology 2018. Iain leads Birmingham's Periodontal Research Group, has published over 200 peer-reviewed manuscripts in the international scientific literature. He leads a regional periodontal service for a population base of 6 million and a national service for adults with Epidermolysis Bullosa. His clinical interests lie in periodontal medicine and surgery.

**Ian Needleman**

Ian is Professor of Periodontology and Evidence-Informed Healthcare at University College London, Eastman Dental Institute, London UK. He leads the Centre for Oral Health and Performance ([HYPERLINK "http://www.ucl.ac.uk/cohp"](http://www.ucl.ac.uk/cohp) www.ucl.ac.uk/cohp>) which was awarded recognition by the International Olympic Committee as part of the UK Research Centre for prevention of injury and protection of athlete health. He is also in specialist practice at PerioLondon. He is a Cochrane Editor for Periodontal Health. His research has been awarded prizes by the European Federation of Periodontology, Royal Society of Medicine, German Periodontal Society, German Cochrane Centre and International Association for Dental Research. He was awarded the UCL Provost's Prize for Institutional Leadership in Public Engagement in 2017. Ian was a member of the International Olympic Committee, Scientific Committee for the 2014 Conference on Prevention of Injury and Illness in Monaco and a Faculty member for 2017. He has been a member of many International Consensus Workshops in Periodontology and Implant Dentistry. He is a keen road and mountain runner when not injured.

**Lone Frank**

Videnskabsjournalist ved Weekendavisen og vært på podcasten 24 Spørgsmål til Professoren. Ph.d. i neurobiologi og forfatter til foreløbig seks bøger, hvoraf den seneste er 'Størst af alt – om kærlighedens natur', som udkom i 2020. Er desuden medskaber af dokumentarfilmene 'Genetic Me' og 'Hunting for Hedonia'.

**Lone Sander**

Tandlæge, PhD, EFP-certificeret Specialist i Parodontologi.
Tidligere: Adjunkt, parodontologi/Aarhus Universitet, Lektor og Over tandlæge, Glasgow Dental Hospital & School/UK
Nuværende: klinikejer, privat henvisningspraksis, Aarhus C, kursusgiver

**Maurizio Tonetti**

Chair Professor Shanghai Jiao Tong School of Medicine, Director National Clinical Research Center of Oral Disease, Shanghai, China and executive director European Research Group on Periodontology (ERGOPerio). Formerly, Tenured Professor and Head, Division of Periodontology and Implant Dentistry, University of Hong Kong; Department of Periodontology, University of Connecticut Health Science Centre;

Department of Periodontology at University College London. Served as Editor in Chief of the Journal of Clinical Periodontology.

Clinical activity. A specialist in Periodontology maintains a part-time private practice limited to Periodontology and implant surgery with emphasis on regeneration, minimally invasive surgery and perio plastic microsurgery.

Research. The focus of his recent research activities has been regeneration and bioengineering of lost periodontal structures and incorporation of dental implants in the management of periodontal patients. The research of his team has spanned from fundamental discovery to clinical translation. He has been widely recognized for his contributions to improved periodontal diagnosis and risk assessment, control of periodontitis, the practice of periodontal regeneration and design and execution of large clinical trials in Periodontology and Implant Dentistry.

Bibliometrics. Authored more than 200 original peer reviewed articles. His work has been featured by main television networks (CNN, ABC, BBC) and leading newspapers (New York Times, Washington Post, Herald Tribune, Die Welt, Corriere della Sera, The Times, Le Monde and many others). He has an H-factor of 95 and his work has been cited more than 35,000 times.

**Mette Rylev**

Mette Rylev er uddannet tandlæge i 2000, EFP- certificeret specialist i parodontologi og Dr. med. dent. fra Berns Universitet, Schweiz i 2006 og PhD i mikrobiologi i 2009 fra Aarhus Universitet.

Er ansat i privat henvisningspraksis inden for parodontologi i Aarhus og Svendborg.

Mette har nationalt og internationalt afholdt flere kurser og uddannelsesforløb for hele tandplejeteamet i parodontologi og behandling af periimplantitis. Hun er medlem af ITI som ITI-fellow.

**Mogens Killian**

Mogens Kilian er cand.odont. fra Aarhus Tandlægehøjskole i 1968 og dr.odont. fra 1976. Efter specialisering i klinisk mikrobiologi og to år som visiting associate professor ved Department of Microbiology, University of Alabama at Birmingham,

USA, blev han i 1981 professor i Oral Biologi ved Aarhus Tandlægehøjskole. Siden 1991 har Kilian været professor i Medicinsk Mikrobiologi ved Aarhus Universitet. Fra oktober 2014 blev han professor emeritus og blev samtidigt ansat som direktør for Lundbeckfondens Initiative for Integrative Psychiatric Research, iPSYCH. I 2015 blev han adjungeret professor i Bakterie populationsgenetik ved Odontologisk Institut, Københavns Universitet. Han har publiceret mere end 250 videnskabelige originalartikler og 75 lære- og håndbogskapitler om mikrobiologi og immunologi med specielt fokus på bakteriers genetiske populationsstruktur og klon-relaterede virulens, slimhindeimmunologi, og sammenlignende evolution af normalfloraen og patogene bakterier i øvre luftveje og mundhule. Kilian har modtaget en række priser bl.a. Zendium-Hoogendoorn research prize 1994, Thureus research prize 1996, Fritz Kauffmann prisen 1997, er æresdoktor fra Malmö universitet og Kings College London og Elected fellow af American Academy of Microbiology.



Morten G. Laursen

Morten G. Laursen er uddannet tandlæge i 2001 og specialtandlæge i 2007 fra Aarhus Universitet. Han er deltidsansat siden 2007 på Sektion for Orthodonti, Aarhus Universitet med post- og prægraduat undervisning og som co-director for The Aarhus International Short-Term Course in Orthodontics. Han er ligeledes beskæftiget på deltid i privat ortodontisk praksis siden 2007 og med egen praksis i Aarhus siden 2012. Han er aktivt medlem af The Angle Society of Europe og medlem af bestyrelsen i Dansk Ortodontisk Selskab. Hans forskningsinteresser er fokuseret på dento-alveolære kompleks og tandbevægelse.



Niklaus P. Lang

Professor Emeritus, University of Berne, Switzerland, Chairman 1980-2008; Professor of Implant Dentistry, The University of Hong Kong 2008-2012, Dr. odont. h.c., Aristotle University of Thessaloniki, Greece, 2011, Odont. Dr. h.c., University of Gothenburg, Sweden, 1997; Honorary Fellow RCPS Glasgow, 1995; Dr. odont. h.c., University of Buenos Aires, Argentina, 1994; Dr. odont. h.c., University of Athens, Greece, 1989; PhD, University of Berne, 1978; Master of Science in Periodontics, University of Michigan, Ann Arbor, 1975; Dr. med. dent., University of Berne, 1970; Guest Professor University of Otago, Dunedin, New Zealand, 2008, National University of Singapore, 2002, 2004, 2007, 2009, 2013, 2016, 2019; University of Michigan, USA, 2005, University of Göteborg, Sweden, 2000, University of Queensland, Brisbane, Australia, 1999/2000, University of Aarhus, Denmark,

1994, The University of Hong Kong, 1994, University of Texas, Health Science Center at San Antonio, Texas, USA, 1986

Published over 730 articles in peer-reviewed scientific journals and several textbooks (h-Index: 107). Over 3500 lectures in 5 continents. Editor-in-chief emeritus: Clinical Oral Implants Research 1990-2016.

Honorary member of 13 national societies of Periodontology, and 4 Societies of Osseointegration.

Platinum medal of the Spanish Society of Periodontology and Implant Dentistry SEPA, Distinguished Scientist Award of the EFP 2015, Norton M. Ross Award for Excellence in Clinical Research of the American Dental Association.



Sandro Cortellini

Dr. Pierpaolo (Sandro) Cortellini received his MD from the University of Florence (Italy) in 1980, and his DDS in 1984 from the University of Siena (Italy). Visiting Professor at KU Leuven (Be) Dept. of Oral Health Sciences, he is the founder of the research non-profit organisations ATRO (Firenze, IT) and ERGOPERIO (Berne, CH). He is Past President of the Italian Society of Periodontology and of the European Federation of Periodontology. Promoter and Coordinator of six "National Educational Projects" from SIdP, he was Scientific Chairman of Europerio 6 and of the 1st EFP Master Clinic. He runs a multidisciplinary private practice and a Private Educational Center in Florence (Italy). Dr. Cortellini is involved in clinical research in periodontology since 1982, with special emphasis for periodontal regeneration, mucogingival surgery and diagnosis. Dr. Cortellini lectures extensively on a national and international level; he is referee of the main scientific journals in the field of periodontology, and is the author of more than 150 original publications in scientific journals.



Tinna C. Nielsen

- 2015- Founder of Move the Elephant for Inclusiveness (www.movetheelephant.org)
- 2013- Co-Founder of non-profit global Inclusion Nudges Global Initiative (www.inclusion-nudges.org)
- 2015- Expert at World Economic Forum
- 2015: Awarded as Young Global Leader by World Economic Forum (www.weforum.org/community/forum-young-global-leaders) and selected as expert for the WEF global Expert Network.

- 2019: Kakuma Refugee Camp, Initiative with UNHCR, Danish Church Aid, and Oxford University
- 2017: World Economic Forum Annual Meeting, Davos
- 2016- : Co-Chair for Global Future Council for Behavioural Science, World Economic Forum
- 2015- Gender Inclusive adviser, designer, educator at the United Nations
- 2015- Faculty Member and Executive Leadership Educator
- Oxford University Executive Leadership Education, Kakuma Refugee Camp, Kenya
 - Lab for Open Innovation in Science (LOIS), Ludwig Boltzmann Gesellschaft, Austria
 - Amani Institute for Social Innovation Management, Kenya and Brazil
 - Open University (Folkeuniversitetet), Denmark
- 2010-2015 Global Head of Inclusion, Diversity & Collaboration, Arla Foods
- 2007-2010 Diversity & Equality consultant, The Danish Institute for Human Rights
- 2004-2007 Research Assistant, Copenhagen Business School (CBS)

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facebook.com/tandlaegeforeningensefteruddannelse

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Hvis du bliver forhindret eller syg

Ved afbestilling efter den 7. oktober 2019 refunderes 50 % af kursusprisen.

Ved afbestilling efter den 21. oktober 2019 opkræves 100 % af kursusprisen.

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Hvor kan jeg overnatte?

Bemærk at overnatning ikke er en del af kursusprisen. Hotelreservation kan foretages via Visit-Aalborg, som har samlet ledige hotelværelser i Aalborg i forbindelse med Symposium. Du finder hotelværelserne via link på tilmeldingssiden.

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