

Application form

New ways to more space in modern orthodontics.

☐ Saturday, 13.05.2023, 9:00 – 17:30 Dkr. 2.375,00 plus VAT

The course language is english.

Please submit your course registration by 14.04.2023 at the latest:

Titel

Last name

First name

Street/N°

ZIP/City

Phone

E-Mail

Date/Signature

Please send your complete application form via Fax/ E-Mail to:
Ortodonti Service A/S
info@ortodontiservice.dk tlf. +45 56141753
Contact person: Steen Zurbuchen

Information and registration
(at leatest by 14.04.2023)



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Course Place:



Roskilde Orto-Teknik Aps
Algade 27, 1. sal
4000 Roskilde, Danmark



New ways to more space
in modern orthodontics

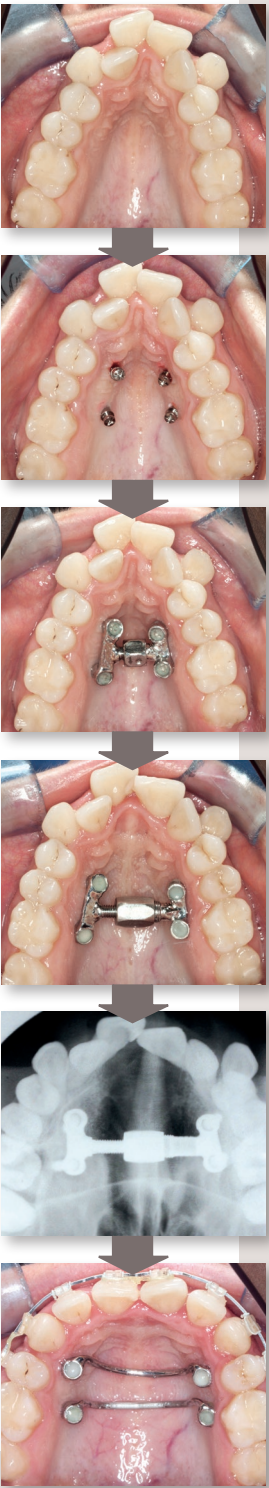
13 May 2023
Roskilde, Danmark

Dr. Heinz Winsauer



Lecture Timetable

09:00 – 10:30	MINI SCREWS Mini screw types, anatomical positions, insertion techniques: <ul style="list-style-type: none">• Footprint M4/ M5 vs. T-Zone Position• Free Style vs. Templates Guided
10:30 – 11:45	Workshop I: MINI SCREW Inserting the screw into the typodont <ul style="list-style-type: none">• anatomical positions• Anesthesia• insertion techniques
11:45 – 12:30	BREAK LUNCH
12:30 – 13:30	Production of a MICRO Expander: What is important for the lab to build a well-fitting expander?
13:30 – 14:30	NARROW MAXILLA Innovations in maxillary expansion in children and adolescents
14:30 – 15:00	BREAK
15:00 – 16:00	Workshop II: MICRO EXPANDER <ul style="list-style-type: none">• Installation of expander• Changing the PowerScrew hexagonal nut• Removal of the device
16:00 – 17:30	NARROW MAXILLA Adult maxillary expansion: MICRO4 expander & force controlled polycyclic activation protocol



MICRO4 Expansion

Lecture Topic

New ways to more space in modern orthodontics

Today’s orthodontics has made major advances with respect to the most effective, compliance free and invisible treatment options. This leads to fast and stable results with a reduced need for extractions. A key to success is skeletal anchorage in the anterior palate, which is a safe region for placing orthodontic mini-implants. Various treatment options, but especially distalization/ mesialization of buccal segment teeth and maxillary expansion are possible. In pre-adolescents and adolescents the Top Jet distalizer and the Hybrid Hyrax or the MICRO2 expander seem to complement to each other as the same orthodontic mini-implants can be used in consecutive stages of treatment. Thus more than 10 mm of space may be readily gained if needed. Thereafter these two mini-implants can then be used to attach a MICRO-transpalatal arch for retention.

The MICRO-4 expander is a pure bone-borne orthodontic mini-implant supported expander used in older adolescents and adults. More than 6 years of clinical use, in over 200 adult patients, demonstrates excellent results in maxillary expansion. In most cases surgical assisted maxillary expansion can be avoided (17-23 years 100% No-SARPE, 23-33 years 91% No-SARPE, 34-57 years 60% No-SARPE). This technique of expansion, without any loss of anchorage, improves the facial profile and smile, facilitates breathing and relieves strain in the periodontal tissues. The basis for this success is the rigid appliance construction and a polycyclic, force controlled expansion protocol.

All these appliances offer new treatment possibilities by widening the skeletal bases. Construction principles, clinical decisions and step by step handling of these appliances will be presented, together with clinical photographs showing the treatment of a variety of malocclusions.

Presenter



Dr. Heinz Winsauer, Bregenz, Austria

Curriculum vitae

Dr. Winsauer received his degree in general medicine from the University of Innsbruck in 1980, and completed four years of clinical training in general and intensive medicine. From 1985 he began his training at the Dental University in Innsbruck and then focused on three years of orthodontic training.

He has had a private practice in Bregenz, Austria, since 1990. In 1998 he was the first Austrian orthodontist to pass the European Board exam in private practice, and since then he has been an active member of the European Orthodontic Society. Dr. Winsauer is the author and co-author of 15 peer-reviewed publications and four orthodontic textbook chapters. He is a speaker at numerous international lectures (including a pre-congress course at EOS 2017, lecture at EOS 2019, AAO 2021, Prestige lecture Paris SFODF 2022) and holds eight international orthodontic patents.

Dr. Winsauer is a part-time lecturer at the universities of Bern and Geneva. An excellent collaboration with the University of Graz (Austria) and Catalonia (Spain) enabled a number of joint research projects in orthodontics. His research focuses on: maxillary expansion in adults without surgical support, orthodontic treatment with bone-supported anchoring and mandibular distraction osteogenesis in the midline.