



# EXPLORING THE LIMITS OF SKELETAL EXPANSION WITH MINI SCREWS

DR. SERCAN AKYALCIN

With increasing skeletal maturity and resistance from anatomic structures, heavy interdigitation of the intermaxillary suture makes rapid palatal expansion (RPE) unfeasible when using conventional appliances. Therefore, mini screw supported RME appliances were originally developed for patients whom conventional RME may not be indicated. The rationale is to provide a safer separation for the intermaxillary suture without any significant side effects. However, intermaxillary suture separation may not readily occur in every patient that a mini screw supported RME appliance is used. This lecture aims to present how mini screw supported expansion may and may not work for your practice setting with case demonstrations.

## EDUCATIONAL OBJECTIVES

- Identify the differences between conventional and mini screw supported RME
- Design and utilize mini screw supported expansion appliances based on right indication.
- Analyze what outcomes could reasonably be expected after RME based on age, function, and proper diagnosis.

## CLINICIAN



**SERCAN AKYALCIN, DDS, MS, PHD** serves as the Head of Orthodontics at Harvard School of Dental Medicine. He has a DDS-PhD degree and is a graduate of the orthodontic program at the University of Texas Health Science Center at Houston. He was a faculty member at Tufts University School of Dental Medicine in Boston, where he also served as the chair and graduate program director of Orthodontics before joining Harvard University.

Dr. Akyalcin is active in many leadership roles, serving on the Northeast Society of Orthodontists (NESO) Board of Directors and representing NESO on the house of delegates at the AAO. He also advocates for the Northeast region on the AAO Council on Education. As a dental educator and orthodontist, he has published fifty peer-reviewed papers, co-edited a textbook, contributed to twelve other orthodontic books, and served on the editorial boards of orthodontic and dental journals. In addition, he has been recognized with several awards in the field, including the 2019 Edward H. Angle Research Prize.

## CANCELLATION POLICY

Cancellations received up to 72 hours prior to the course will receive a 50% refund. No refunds will be given for cancellations received within 72 hours of the course. Please note that Zoom will allow you to cancel out of a Zoom event at any time, however, all cancellations for this course must be made directly with UBC in accordance with this UBC CDE cancellation policy. Continuing Dental Education at The University of British Columbia reserves the right to cancel courses or switch instructors if deemed necessary by low enrolment, instructor cancellation or other unforeseen issues. In case of course cancellation by UBC CDE a full refund will be issued.



CDE at UBC is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. Concerns or complaints about a CE provider may be directed to the provider or to the Commission for Continuing Education Provider Recognition at ADA.org/CERP.

**DISCLAIMER:** Dental education institutions have an obligation to disseminate new knowledge related to dental practice. Some presentations may include controversial materials or commercial references. Sponsorship of a continuing education course by The University of British Columbia does not imply endorsement of a particular philosophy, procedure or product by The University of British Columbia. Fee in full must accompany registration. The tuition fee is deductible for Canadian Income Tax purposes. See cancellation policy.

SATURDAY  
MARCH 25, 2023  
8:00 AM - 9:30 AM (PACIFIC)  
(1.5 Hour of Instruction)

## COST:

**\$75 CAD**

No discounts or waivers are available for the ACDE webinar series.

## REGISTER:

[dentistry.ubc.ca/cde](http://dentistry.ubc.ca/cde)

This course will be provided via **Zoom (Live Webinar)**.

## CONTACT:

P: 604.822.6156

E: [cde@dentistry.ubc.ca](mailto:cde@dentistry.ubc.ca)



Association For Continuing Dental Education

*The Association of Continuing Dental Education (ACDE) brings together individuals who represent college- and university-based continuing dental education programs associated with accredited dental schools in Canada and the United States. The ACDE is here to serve you, the dental professional, in delivering high quality, evidence-based continuing dental education programs to meet your educational needs.*

*The University of British Columbia, Continuing Dental Education in conjunction with the ACDE, and along with 30 of its member schools, jointly presents the "ACDE Webinar Series". This series features university-based key opinion leaders presenting on numerous topics on multiple dates and times. Presentations are available to meet every dental health care professional's schedule and interests.*

Please visit [dentistry.ubc.ca/cde](http://dentistry.ubc.ca/cde) for a list of ACDE webinar offerings.