Brent E. Larson, DDS, MS
Friday, January 23, 2026
8:30 am – 11:30 am
3 CE units

Subject Area: Advancements in Orthodontics and Future Perspectives

Title: "Practicing in the Present: Using Technology Wisely"

Course Description:
This presentation will provide helpful strategies to practitioners about how and when to incorporate new technologies into clinical practice. The benefits of 3D imaging will be explained and demonstrated with clinical examples. The use and design of in-office aligners, custom digital bracket systems and new information about aligner force systems will be shared. Practical information about indirect bonding strategies will also be discussed.

Objectives:

1) Attendees will understand the Technology Adoption Curve and how it applies to orthodontic practice.

2) Attendees will review foundation concepts of tooth movement that impact clinical practice.

3) Attendees will learn to quickly screen CBCT volumes for useful information and to use 3D imaging information for more informed treatment plans.

4) Attendees will be able to better design aligners to create desired force systems. Attendees will understand how to design effective in-office aligners.

Friday, January 23, 2026
12:30 pm – 3:30 pm
3 CE units

Subject Area: Advancements in Orthodontics and Future Perspectives

Title: "Preparing for the Future: Disruption or Transformation?"

Course Description:
This presentation will vision the future of orthodontic practice and prepare the practitioner to thrive in our changing profession. Potential changes in imaging, appliance design,

appliance manufacture and treatment monitoring will require thoughtful decision-making to maintain optimal patient care. This introduction to future directions will enable the orthodontist to proactively adjust to the new environment.

Objectives:

1) Attendees will appreciate how previous technology advances in orthodontics have benefited the orthodontist.ic practice.

2) Attendees will understand advanced imaging techniques and their potential benefits to future orthodontic research and practice.

3) Attendees will learn to quickly screen CBCT volumes for useful information and to use 3D imaging information for more informed treatment plans.

4) Attendees will be able to better design aligners to create desired force systems. Attendees will understand how to design effective in-office aligners.

Short Bio:

Dr. Larson obtained his dental degree from the University of Minnesota, completed a general practice residency, and practiced general dentistry for 3 years in the U.S Air Force. He received his Orthodontic training at the University of North Carolina before joining the staff at the Mayo Clinic. At Mayo he served as Program Director in Orthodontics and received several "Teacher of the Year" awards. In 1996 Dr. Larson left Mayo to start GLK Orthodontics, a private practice in Rochester, MN where he practiced for 25 years. In 2004 he returned to full-time academics at the University of Minnesota where he currently serves as Professor and Director of the Division of Orthodontics. He has published many scientific articles and collaborated with his mentor, Dr. Proffit, on the Contemporary Orthodontics textbook.

Dr. Larson has received the Distinguished Dental Alumnus Award and Century Club Professor of the Year from the University of Minnesota. He is also the 2018 recipient of the Jarabak Award given for significant contribution to orthodontic teaching and research.

Dr. Larson has served as President of the Minnesota Association of Orthodontists, President of the Midwestern Society of Orthodontists (MSO) and as the 2018-2019 President of the American Association of Orthodontists (AAO). He and his wife Cindy have 3 sons, 2 of which are orthodontists, and 5 energetic grandchildren.

https://dentistry.umn.edu/faculty/brent-larson