

45
years

DENTAURUM
USA



TOMAS® TAD CONFERENCE

November 6 – 7, 2026 · Las Vegas

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1886



TOMAS® TAD CONFERENCE

November 6 – 7, 2026 · Las Vegas

20
years
tomas'-pins



Welcome

If you are looking for a weekend Orthodontic CE event, then please join us at the Four Seasons Hotel in Las Vegas for 2 days discussing orthodontic temporary anchorage devices.

Our annual tomas® TAD Conference is considered the premiere TAD event, and we offer two world class speakers, a five-star hotel, and the city of Las Vegas.

This conference is your opportunity to further your education regarding TAD's, to benefit from the collaboration of your orthodontic colleagues, all the while enjoying the Four Seasons Hotel and Las Vegas.

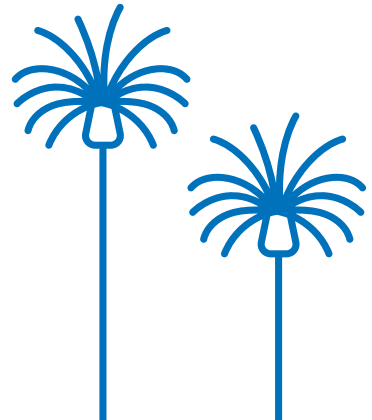
If you are interested with attending this year, please register early as the tomas® TAD Conference tends to sell out.

We look forward to seeing everyone on Friday and Saturday November 6th and 7th.

Charles R. Bell

Charles R. Bell

Managing Director · Sales & Marketing · Dentaaurum USA





Mark Stephen Pace
MANAGEMENT BOARD Claudia Stöhrle
Ralph Dittes **DENTAURUM**

“Those who do not know the past cannot shape the future”.

August Bebel, German Social Democrat leader and writer



140 YEARS DENTAURUM – AN ANNIVERSARY FULL OF INNOVATION AND TRADITION

In 2026, we are proud to be celebrating an extraordinary success story: Dentaurum has been your loyal companion in the dental industry for 140 years. Founded in 1886, we are the oldest dental company worldwide that has existed continuously. We have been in the dental industry since the first day – and our company is still family-owned.

Our headquarters are located in Ispringen in the northern Black Forest, embodying our guiding principle “Engineered and made in Germany”. More than 8,500 brand-name products are created here that set standards worldwide in the fields of orthodontics, dental prosthetics, implantology and ceramics. In close cooperation with universities and customers, research and innovation flow directly into our products, as is reflected in their practicability. At Dentaurum, the focus is not only on the development of high-quality products, but also on our commitment to the world around us. We have been one of the pioneers in environmental and climate protection since 1989, and we are actively engaged in creating a sustainable future. Quality management and environmental management have been unified in one integrated system since 1994 to continually improve our processes and ensure we act in an environmentally responsible manner. We also place great value on occupational safety and on ensuring that all employees have equal opportunities and are treated with respect.

We would like to thank our customers, partners and employees for their trust and support on this long path – we look forward to writing a new chapter in our success story with you.





**DR. SEBASTIAN
BAUMGAERTEL**
LONGMONT, CO

Dr. Baumgaertel has lectured worldwide on various orthodontic topics including orthodontic mini-implants and cone beam tomography. He has published multiple scientific articles and acts as a reviewer for a number of high-profile journals (e.g. American Journal of Orthodontics and Dentofacial Orthopedics). Additionally, he is author and co-editor of two textbooks. Dr. Baumgaertel is a Clinical Associate Professor at Case Western Reserve University in Cleveland, OH, where he serves as Director of the subspecialty clinic for skeletal anchorage and instructor of the orthodontic biomechanics course. Dr. Baumgaertel also maintains an active private practice in the Longmont, CO area. In addition, he is a visiting Professor at the University of Melbourne, Australia.



**DR. JOSEPH S.
PETREY**
SOMERSET, KY

Dr. Petrey maintains an active clinical practice, Petrey & Newcomb Orthodontics, with his partner Dr. John Newcomb in Somerset, Corbin, and Hazard, KY. In addition to his patient care, he is a clinical researcher, lecturer, and author of numerous orthodontic related articles covering TADs, lingual orthodontics, treatment modalities including managing impacted canines, digital technologies in orthodontics, and practice promotion. Dr. Petrey received his Masters in Public Health, DMD, Masters in Science, and Orthodontic training from the University of Kentucky. His lectures and articles on TADs have focused on TAD insertion techniques, TAD design & TAD application in clinical practice in both traditional and non-traditional mechanics, as well as in the use of TADs for bone and space maintenance for patients with missing teeth. Through his research and clinical experience, Dr. Petrey has contributed to several TAD clinical reference guides, print articles, and in TAD and TAD appliance design and development. Dr. Petrey enjoys energetic and interactive lectures & discussions that further expand the armamentarium of the modern orthodontist.

COURSE TITLES · SYNOPSIS

DR. SEBASTIAN BAUMGAERTEL

TADs in Private Practice – What I’ve learned over the years.

TADs are great and make a lot of sense. We know they work. But what are the things you should know as a practice owner about using TADs on a daily basis in your private practice? Learn the integration of TADs in private practice, what cases they are most helpful for and how to explain TADs to your patients. This fast-paced lecture will get you excited for a weekend of learning and idea exchange.

Simplicity is the Ultimate Sophistication: reliable biomechanics with Dentaurem’s tomas®-pin

There are many ways to make things complicated, but the beauty of tomas®-pin biomechanics is that they can be extremely simple and yet effective. This makes them ideal for private practice. Dr. Baumgaertel has used the tomas®-pin for at this point twenty years and will share how he likes to set up his cases with tomas® to treat a wide variety of indications.

Clinical Cases treated with the tomas®-pin – Part 1

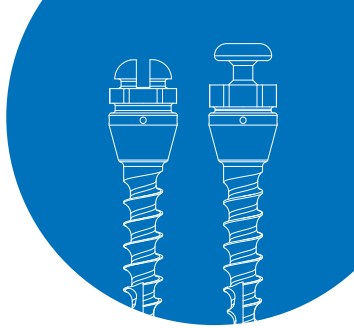
In this segment of Dr. Baumgaertel's lecture he will share cases treated over the years. You will see raging successes, humbling failures, and unusual cases that will expand your understanding of TAD supported orthodontic treatment.

Custom MARPEs with the tomas® Eyelet

Learn everything you need to know to start using custom MARPEs with the tomas® eyelet. This ever-evolving treatment method has become a cornerstone in Dr. Baumgaertel's orthodontic practice. Correcting the transverse dimension without compromise, even in older patients, opens the door to awesome orthodontic treatment results, that were unachievable before.

Clinical Cases treated with the tomas®-pin and Review – Part 2

In this continuation of Part 1 Dr. Baumgaertel will share more worthwhile clinical cases and review topics discussed this weekend.



COURSE TITLES · SYNOPSIS

DR. JOSEPH S. PETREY

Non-Traditional TADs!

Uncommon TAD Techniques in Treating Challenging Cases Part 1 and Part 2.

This two-part lecture will delve into unconventional applications of TADs and TAD mechanics demonstrating treatments that would otherwise be unachievable without surgery or face significant clinical challenges. Both TAD treatments and TAD-supported appliances will be showcased in innovative treatment approaches, and “off-label” uses.

The lecture covers a range of topics, from simple sliding mechanics for both anterior and posterior tooth substitution to full arch substitution using TADS and TAD appliances to more complex mechanics with TADs and impacted teeth and Molar uprighting with retromolar TADs. Topics addressed include complexities such as poor bone locations and the distance of substitution. More challenging substitutions and anchorage requirements will be demonstrated using the AMDA (Advanced Molar Distalizing Appliance) in non-traditional ways to illustrate both posterior and anterior tooth protraction for substitution.

The AMDA mechanics for distalizing teeth in Class II cases and increasing arch length to create space in severely crowded arches will be demonstrated. While the benefits of molar distalization have been recognized in orthodontics for over a century,

techniques like headgear have drawbacks for patients, and appliances like distal jets have inherent anchorage challenges. The TAD AMDA appliance offers a unique solution by allowing for distal translation of posterior teeth while maintaining “absolute anchorage.” AMDA cases will be presented, showcasing the resolution of crowding, Class II correction, en masse retraction, and bilateral and unilateral movements.

The lecture also explores the use of TAD mechanics to close Anterior Open Bites. The application of TADs for posterior intrusion in Anterior Open Bite correction will also be demonstrated. The use of TADs alone and in combination with TPAs and non-traditional expanders will be illustrated. The impact of posterior intrusion and vertical change on anterior-posterior relationships will be discussed. Additionally, a TAD-supported retention protocol for Anterior Open Bite corrections will be presented.

A unique skeletal-only MARPE technique will also be demonstrated with multiple case presentations. MARPE has gained popularity in TAD mechanics, with various systems and techniques emerging. This section of the presentation will focus on case selection and protocols for TAD-supported palatal expansion using skeletal-only MARPE design. Cases in adults with expansion that otherwise could only be achieved through surgical intervention will be showcased. The benefits of MARPE, which is not tooth-borne, will be discussed and demonstrated.

Non-traditional techniques of using TADs for pontic teeth as temporary tooth replacements in both congenitally missing and trauma-induced edentulous ridges in growing patients will be presented. The results of the evolution of TADs with pontic teeth over the past 18 years of placements will be presented. Both mechanical and digital techniques for pontic fabrication will be showcased. A digital technique for determining the ideal TAD placement for pontics will also be demonstrated. Additionally, new techniques, including abutment placement to facilitate easy replacement of pontic teeth without TAD removal, will be presented.

PROGRAM

FRIDAY · NOVEMBER 6, 2026

07:00 – 08:30 am

Breakfast

08:30 – 10:00 am

Dr. Sebastian Baumgaertel

10:00 – 10:30 am

Coffee break

10:30 – 12:30 am

Dr. Sebastian Baumgaertel

12:30 – 01:30 pm

Lunch

01:30 – 02:30 pm

Dr. Sebastian Baumgaertel

02:30 – 03:00 pm

Coffee break

03:00 – 05:00 pm

Dr. Joseph S. Petrey

06:00 pm

Social Reception



temporary orthodontic micro anchorage system

- With new pin (tomas® EP) for use in the palate
- Additional coupling possibilities
- Components optimally coordinated
- Quick and easy to fit

PROGRAM

SATURDAY · NOVEMBER 7, 2026

07:00 – 08:30 am **Breakfast**

08:30 – 10:00 am **Dr. Joseph S. Petrey**

10:00 – 10:30 am **Coffee break**

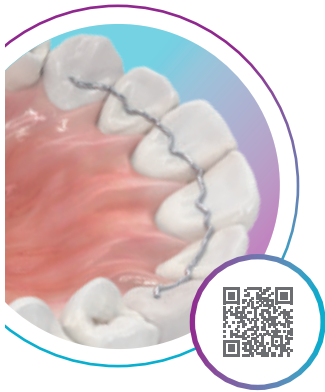
10:30 – 12:30 am **Dr. Joseph S. Petrey**

12:30 – 01:30 pm **Lunch**

01:30 – 02:30 pm **Dr. Sebastian Baumgaertel**

02:30 – 03:00 pm **Coffee break**

03:00 – 05:00 pm **Audience Questions and Answers**



OUR 3D-RETAINER IS A PERFECT FIT

- + 3D design and milled precision
- + High biocompatibility due to titanium
- + Optimum fit on all three planes
- + Lies completely flat on the lingual surface
- + 24 month guarantee

SOCIAL RECEPTION

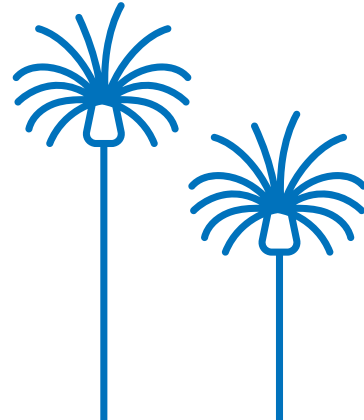
FRIDAY · NOVEMBER 6, 2026 · 6:00 – 7:30 PM

Enjoy the Four Season's PRESS PATIO, an outdoor lounge overlooking the gardens and pool.

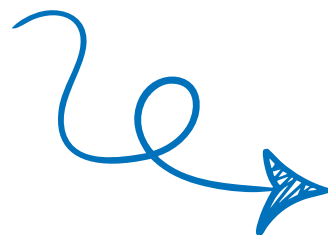
Dentaurum has planned a reception where you may socialize with other tomas® TAD Conference guests, including our Speakers Dr. Sebastian Baumgaertel and Dr. Joseph S. Petrey.

Reception hors d'oeuvres and beverages will be provided.

The Social Reception is included with your tuition.



TUITION REGISTRATION



CONFERENCE TUITION: \$1,750

CREDITS: AGD PACE Continuing Education – Up to 12 CE



Dentaurum USA
Nationally Approved PACE Program Provider for FAGD/MAGD credit.
Approval does not imply acceptance by
any regulatory authority or AGD endorsement.
3/1/2024 to 2/28/2027.
Provider ID# 218450



CANCELLATION POLICY:

Tuition is fully refundable for cancellations received by September 30, 2026. No refunds will be issued after this date, or for any paid participant that does not show-up. If you have any questions or concerns, please email info@dentaurum-us.com.

HOTEL

FOUR SEASONS HOTEL · LAS VEGAS

Four Seasons Hotel · 3960 S Las Vegas Blvd · Las Vegas, NV 89119 · www.fourseasons.com/lasvegas

Dentaurum has reserved a limited number of rooms available at a special meeting rate.

Reserve your room directly using the hotel link below.



<https://book.passkey.com/go/Dentaurum2026>



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