



ortho

ΑΘΗΝΑ
9-10/5/2025

PSL and precision in one system.

What does this mean for our daily work
in the office?

ΟΜΙΛΗΤΕΣ:



Παρασκευή, 9 Μαΐου 2025

Dr. Kareem Akly

Σάββατο, 10 Μαΐου 2025

Dr. Gabriele Gündel



HOLIDAY INN ΑΤΤΙΚΗΣ ΟΔΟΥ

Αίθουσα ATTICA

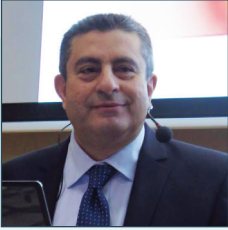
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ΧΟΡΗΓΟΙ



Vitsaropoulos
COMPLETE DENTAL SOLUTIONS

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Dr. Kareem Akly

Dr. Kareem Akly is a certified orthodontist. He graduated in 1999 from Tel Aviv University where he completed his postgraduate study in orthodontics at the orthodontic department, school of dental medicine, Tel Aviv Israel.

Since his graduation he has been practicing in both his private offices limited to orthodontics in Athens Greece. Moreover, he has recently established a company in Bulgaria, which offers a high-quality orthodontic consultation and treatment in cooperation with CityDent dental center.

All his practices are limited to passive self-ligation technique Damon System and Damon Ultima System.

Dr. Akly has been using the Damon System exclusively since 2010 and has been sharing his experience by lecturing on passive self-ligation and the Damon System. All his lectures in the USA, Europe and the Middle East have been concentrated on the use of the Damon System and the combination of the system with TADs.

Dr. Akly is a member of the American Association of Orthodontics as well as the World Association of Orthodontics since 1999.

In addition, he is a member of both Greek and Cypriote Orthodontic Associations. In 2018, he was named a fellow of the ICD (International Club of Dentists).



Dr. Gabriele Gündel

- Degree in Dentistry at the Wilhelms-University in Münster
- Germany 3-year post graduate prosthetics training at the Wilhelms-University
- 5-years of specialization in orthodontics at Wilhelms-University and in several orthodontic practices

- 1999 Orthodontist group practice with Dr. Sabine Friedrichs in Erding Germany
- 2003 Certification as a training & development practice postgraduates
- 2006 Activity focus on TMJ after 2 years specialization on several universities
- 2011 Master of Science in Lingual Orthodontics at University of Hannover, Germany
- Since 2014 Orthodontist in a dental/orthodontic group practice in Munich with emphasis on treatment of adults
- Since 2015 lecturer in Europe

ΠΑΡΑΣΚΕΥΗ 09/05 - Dr. Kareem Akly

17:00 -20:00

An extensive lecture presenting the new exciting developments in the Damon System. The new Damon Ultima System is a passive self-ligation full expression orthodontic system designed to solve the many issues of the previous Damon Q system achieving a 3D control for faster and more precise finishing.

Reengineering of the whole system with a new bracket design and new combo wires eliminates the play achieving full control of torque, rotations, in-out and angulations. These new changes have changed our approach of treatment planning and modified our treatment protocol.

- Introduction.
- Components of the Ultima System.
- The answer to the big question "Why Ultima".
- Changes and improvements in the Damon System to overcome the weaknesses of the Q bracket edition.
- Features of the Damon Ultima bracket.
- Moving from torque in the base to torque in the slot and the philosophy behind it.
- The Ultima combo wire, the game changer and its role in the 3D control.
- Point contacts and its importance.
- The Ultima control of the 1st, 2nd and 3rd order movements during the treatment phases.
- Arch wire sequence and the gradual control of torque, rotation and angulation.
- Protecting while correcting.
- Bonding procedure of the Ultima bracket, what has changed.
- Clinical cases and discussions.

ΣΑΒΒΑΤΟ 10/05 - Dr. Gabriele Gündel

09:30 -15:30

PSL and precision in one system. What does this mean for our daily work in the once?

The unique combination of PSL treatment technology and more precise tooth movement.

What does this mean for our daily practice?

1. Basics of the treatment philosophy with PSL brackets

- Biological forces – passive self-ligating bracket system
- Biological anchoring
 - What does it mean?
 - How can you activate this?
 - What is to be considered?
- Clinical implementation
 - Materials
 - Bracket positioning / adhesive wedge
 - Wire sequencing / routine protocol
 - Selection of torque values
 - Early elastics

2. The further development of the PSL system in pursuit of more precision control of tooth movements and effective finishing

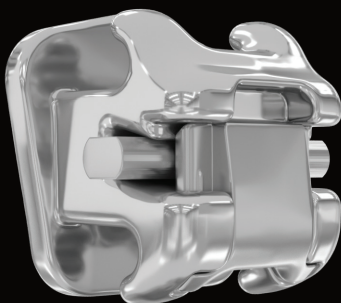
3. Case studies of complex cases

4. Troubleshooting

5. Literature

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DAMON ULTIMA™ SYSTEM



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