

# The Greater Philadelphia Society of Orthodontists presents “From Edgewise Mechanics to Patient-Specific Orthodontics”

**Friday, November 20, 2026, with featured speaker Dr. Mehdi Peikar, DDS, PhD, MS.**



## Speaker Bio

“Dr. Mehdi Peikar is a UCLA-trained orthodontist, inventor, and founder of Celebrace. His educational background bridges dentistry, orthodontics, physics, and biomechanics. He completed dental school and orthodontic residency in Iran, followed by advanced graduate studies in quantum mechanics and condensed matter physics at the University of Illinois. He later earned a PhD in Biomechanics from Johns Hopkins University and completed a second orthodontic residency at UCLA.

Dr. Peikar has been at the forefront of innovation in orthodontics, with more than 60 patents in the field. His work focuses on combining biomechanics, artificial intelligence, and advanced appliance design to improve precision, efficiency, and outcomes in orthodontic care.

In addition to founding Celebrace, Dr. Peikar is also the inventor and founder of Brava by Brios, technologies that have contributed to the advancement of modern orthodontic treatment.

Celebrace, his latest AI-driven orthodontic technology company, received the 2026 AAO Ortho Innovator Award. Through his clinical, academic, and entrepreneurial work, Dr. Peikar continues to advance the future of personalized orthodontic treatment.”

## Lecture Description

This lecture explores the evolution of fixed orthodontic appliances from standard edgewise mechanics to straight-wire prescriptions and today’s need for patient-specific treatment. It will highlight the importance of bracket position, wire bending, and individualized biomechanics, while discussing the limitations of average-based systems. The lecture concludes with a look toward the future of digital, precise, and customized orthodontic care.

**[Register online at www.gpsso.org.](http://www.gpsso.org)**

Please register prior to October 15, 2026.

Non-Residents \$175 • Residents \$20

On-site Registration, space permitting, will be accepted.

**\*See page 2 for Mail-in Registration Form.\***

## PROGRAM Bala Country Club FRIDAY, NOVEMBER 20, 2026

|             |                                        |
|-------------|----------------------------------------|
| 8:00-9:00   | Registration and Continental Breakfast |
| 9:00-10:30  | Dr. Mehdi Peikar                       |
| 10:30-11:00 | Morning Break and Vendor Display       |
| 11:00-12:00 | Dr. Mehdi Peikar                       |
| 12:00-1:00  | Lunch                                  |
| 1:00-2:30   | Dr. Mehdi Peikar                       |
| 2:30-3:00   | Afternoon Break and Vendor Display     |
| 3:00-4:00   | Dr. Mehdi Peikar                       |

6 CE Credit Hours

## GPSO Annual Meeting Friday, November 20, 2026

Bala Country Club  
[www.hilton.com](http://www.hilton.com)  
2200 Belmont Avenue  
Philadelphia, PA 19131  
(215) 879-4000

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