

ABOUT THE LECTURE

A full day of cutting-edge education by leading experts in AI, dentistry, radiology, and gene therapy. Earn CE credits and stay at the forefront of innovation to transform patient care



CE CREDITS

CE Credits (AGD Pace Approved)
Certificate of attendance will be provided



CPR RECERTIFICATION COURSE

Certified by the American Red Cross
Includes hands-on skills, certification and a digital CPR card.



WHO SHOULD ATTEND?

All dentists and medical professionals, hygienists, EFDAs, assistants and residents

REGISTRATION IS REQUIRED

JOIN US FOR A DAY OF INNOVATION, KNOWLEDGE AND IMPACT

From AI-powered diagnostics to CRISPR gene therapy for ALS, discover how cutting-edge science is improving diagnosis, treatment and patient outcomes.

Saturday, October 24, 2026
Philadelphia College of Osteopathic Medicine
4170 City Avenue, Hassman Academic Center
Philadelphia, PA
8:00 AM - 3:00 PM

REGISTER TODAY!



Scan QR code or visit
BalaSurgery.com
(610) 667-6161
(610) 617-9275
info@balaosurgery.com



LIMITED SEATING

Reserve your spot early for this must-attend event!

TWO GROUND BREAKING TOPICS ONE INSPIRING DAY

AI IN DENTISTRY

Intelligence That Enhances Clinical Excellence



AI-POWERED DIAGNOSTICS

Detect earlier, diagnose smarter



SMART IMAGING

Precision analysis, better outcomes



TREATMENT PLANNING

Data-driven, patient-centered



DIGITAL WORKFLOW & AUTOMATION

Efficiency, accuracy and time savings

GENETIC MODIFICATION THERAPY TO TREAT ALS CRISPR Gene Therapy: Hope Through Science



UNDERSTANDING ALS

Genetic causes and molecular pathways



CRISPR TECHNOLOGY

How gene editing can correct mutations



TARGETING THE ROOT CAUSE

Restoring healthy protein function



LATEST RESEARCH & CLINICAL TRIALS

Promising results, future possibilities

MISSION STATEMENT

Our mission is to provide dental and medical professionals with educational, useful, and mandatory courses that are relevant to daily practices and applicable to all levels of the dental and medical community. Our goal is to promote and encourage lifelong education by presenting well researched programs both at conferences and online settings Furthermore, we aim to inspire and assist our audience to attain higher levels of knowledge skills, and competence.

ONLINE CE COURSES

As an approved AGD PACE Provider, we offer an extensive library of continuing education courses available anytime on our YouTube channel for CE credit, including the mandatory Pennsylvania Child Abuse Recognition and Reporting and Pain Management/Opioids courses required for dental license renewal. If you hold a Pennsylvania dental license, these courses must be completed between April 2025 and March 2027. Be sure to subscribe to stay informed about new course releases and updates. A complete description of the learning objectives for all our courses is available at BalaSurgery.com.



youtube.com/DrMansoorMadani



Full library of
online courses

MANDATORY COURSES: CHILD ABUSE & PAIN MANAGEMENT

As a condition of biennial renewal, all health-related licensees are required to complete two hours of Board-approved training in child abuse recognition and reporting. In addition, licensees who are authorized to prescribe or dispense medications must complete at least two hours of Board-approved training in pain management, the identification of addiction, or the practices of prescribing or dispensing opioids.

The Child Abuse course is approved by the Pennsylvania Department of Human Services and fulfills the requirement for mandated reporters in Pennsylvania for 2 hours of training in recognizing and reporting child abuse.



BALA INSTITUTE OF ORAL SURGERY
Nationally Approved PACE Program Provider
for FAGD/JAGD credit.
Approval does not imply acceptance by
any regulatory authority or AGD endorsement.
10/1/2025 to 9/30/2029
Provider ID #: 218007



BALA INSTITUTE OF ORAL SURGERY

presents

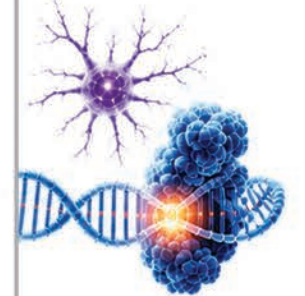
INNOVATION TODAY TRANSFORMING TOMORROW

A SPECIAL DUAL LECTURE FOR DENTAL & MEDICAL PROFESSIONALS

AI IN
DENTISTRY
Intelligence That
Enhances Clinical Excellence



GENETIC MODIFICATION
THERAPY TO TREAT ALS
CRISPR Gene Therapy:
Hope Through Science



Advancing Science. Transforming Lives.



LEARN FROM
EXPERTS IN
THEIR FIELDS



EARN CE CREDITS
ADVANCE YOUR
KNOWLEDGE



NETWORK WITH
PROFESSIONALS



BE PART OF
THE FUTURE



SATURDAY,
OCTOBER 24, 2026
8:00 AM - 3:00 PM

(Breakfast &
Lunch Included)



PHILADELPHIA COLLEGE
OF OSTEOPATHIC
MEDICINE
4170 City Avenue
Hassman Academic Center
Philadelphia, PA 19131

6 CE
CREDITS

CPR RECERTIFICATION
AVAILABLE

FOUNDATIONS OF AI IN DENTISTRY



SPEAKER: Jay S. Patel, BDS, MS, PhD
Assistant Professor, Department of Oral Health Sciences, Director of the Center for Artificial Intelligence, Data Sciences & Informatics, Temple University, Kornberg School of Dentistry

COURSE GOALS & LEARNING OBJECTIVES:

- Explain the fundamental principles behind the development, training, testing, & validation of AI models in dentistry.
- Steps required to train, test and validate AI models.
- Critically evaluate the strengths, limitations, and potential biases of AI tools before integrating them into clinical practice.

AI IN DENTAL RADIOLOGY: TRUST, VERIFY, DECIDE



SPEAKER: Mustafa A. Badi, DMD, MS
Associate Professor and Chair, Oral & Maxillofacial Pathology, Medicine, Radiology & Surgery, Temple University Kornberg School of Dentistry

COURSE GOALS & LEARNING OBJECTIVES:

- Recognize how current AI tools detect pathologic findings and segment anatomical structures on dental radiographs and CBCT images.
- Distinguish what FDA-cleared dental AI tools are authorized to do from what they are not cleared to do.
- Differentiate true pathology from AI artifact, false positives, and automation bias.
- Decide when to trust, verify, or override an AI finding, owning the final diagnosis.

ADVANCES IN GENE THERAPY: WHAT EVERY DENTAL AND MEDICAL PROFESSIONAL NEEDS TO KNOW



SPEAKER: Defne Amado, M.D., Ph.D.
Physician Scientist and Assistant Professor of Neurology, Neuromuscular Division, University of Pennsylvania

COURSE GOALS & LEARNING OBJECTIVES:

- Understand the different gene therapy strategies used in research and clinical practice.
- Become familiar with the emerging application of gene therapy to oral and dental medicine.
- Feel prepared to understand and safely implement novel therapies coming down the pipeline.

ABOUT THE MODERATOR



Mansoor Madani, DMD is an accomplished author, speaker and pioneering oral and maxillofacial surgeon who is internationally known for his research on snoring, sleep apnea and laser treatment. Dr. Madani is a graduate of Pahlavi University and the University of Pennsylvania. He is a diplomate of the American Board of Oral and Maxillofacial Surgery and a fellow of the American Association of Oral and Maxillofacial Surgeons. Dr. Madani is the chairman of the department of Oral and Maxillofacial Surgery at Capital Health System in New Jersey. He is an associate professor of Oral and Maxillofacial Surgery at Temple University Hospital and the director of Bala Institute of Oral Surgery. Dr. Madani has written numerous articles in peer-reviewed journals as well as book chapters. He was the guest editor of one of the issues in the prestigious Atlas of Oral & Maxillofacial Surgery Clinics of North America. He is frequently invited to present on various subjects in both national and international scientific and professional organizations. His presentations are well researched and relevant to the daily practice of healthcare professionals and the dental community.

CE CREDIT REQUIREMENTS

Continuing education credits are required for each biennial period, which runs from April 1 through March 31 of odd-numbered years. At least 50% must be completed in person, and a maximum of 50% may be completed through online or self-study.

Dentist: 30 hours
Dental Hygienist: 20 hours
EFDA: 10 hours

13 CE CREDITS AVAILABLE ONLINE

- Pain Classification & Mechanism of Action
- Opioid Addiction & Red Flags in Prescription Writing
- Guidelines on the Use of Opioids in the Dental Practice
- The History of Opioid Discoveries
- Child Abuse Recognition & Reporting Training
- Adult & Pediatric Medical Emergencies
- Marijuana: What Healthcare Professionals Should Know
- Navigating The Complex World of Facial Injuries

VISIT OUR WEBSITE FOR DETAILS
AND REGISTRATION

BalaSurgery.com

OCTOBER 24, 2026 FEES

IF PAID ON OR BY 9/24/2026

CE DOCTORS: \$285
CE NON-DOCTORS: \$185
CPR: \$105

IF PAID ON OR AFTER 9/25/2026

CE DOCTORS: \$315
CE NON-DOCTORS: \$215
CPR: \$115



Continental breakfast and lunch will be provided for CE course attendees. Cancellations for a refund or credit must be received by 9/25/2026.

CPR RECERTIFICATION COURSE

Certified by the American Red Cross, this lecture and hands-on course includes modules on recognizing emergencies, response tactics, and techniques for adult and pediatric CPR, AED use, and managing obstructed airways. Due to limited class size, sessions fill quickly. Please note that this accelerated program will begin promptly at the scheduled start time.

CPR SESSIONS

Session I: 7:00 AM - 8:00 AM
(reserved for those attending the CE course)

Session II: 8:00 AM - 9:00 AM
(for those not attending the CE course - CPR ONLY)

Times subject to change.
Check our website for updates.

Saturday, October 24, 2026
Philadelphia College of Osteopathic Medicine
4170 City Avenue
Hassman Academic Center
Philadelphia, PA
8:00 AM - 3:00 PM
6 CE CREDITS

REGISTRATION FORM

☐ DDS ☐ DMD ☐ MD ☐ DO ☐ RN ☐ EFDA
☐ RDH ☐ DA ☐ Staff ☐ Other _____

Name _____

Address _____

City _____ St _____ Zip _____

Phone _____ Fax _____

Email _____

AGD Member ID _____

For additional guests, please attach a list.

COURSE OPTIONS:

TOTAL

☐ CE: Doctors \$285 x ____ = \$ ____
☐ CE: Non-Doctors \$185 x ____ = \$ ____
☐ CPR (select a session) \$105 x ____ = \$ ____
☐ I (7:00 AM) ☐ II (8:00 AM)

Add \$30 if paying on/after 9/25/26. If mailing a check, envelopes must be post marked no later than 9/24/26.

Total \$ ____

METHOD OF PAYMENT

☐ Check ☐ Amex ☐ Discover ☐ MasterCard ☐ Visa

Card # _____

Exp ____/____ CVV _____

Cardholder _____

Billing Address (if different than above) _____

Street _____

City _____ St _____ Zip _____

I agree to pay the above total according to card issuer agreement.

Paying by credit card? Fax this completed form or register online using the QR code. A receipt will be emailed to you.

Paying by check? Please make checks payable to:

Bala Institute of Oral Surgery
15 Presidential Blvd., Suite 301
Bala Cynwyd, PA 19004
Phone: (610) 667-6161
Fax: (610) 617-9275
BalaSurgery.com