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DR. Radi Masri, DDS, MS, PhD

Dr. Masri received his first dental degree from the University of Jordan Dental School in 1997 and completed a prosthodontic residency at the University of Maryland, College of Dental Surgery in 2001. Dr. Masri has a Master degree in Oral Biology and a PhD in Biomedical Sciences. He is a Diplomate of the American Board of Prosthodontics, a fellow of the American College of Prosthodontists, a member of the American Academy of Fixed Prosthodontics and fellow of the Academy of Prosthodontics.

In addition to being an expert in fixed, removable and implant dentistry, Dr. Masri authored the first book on clinical applications of digital dentistry. He is a dedicated academician and researcher. Dr. Masri is an Associate Professor at the Baltimore College of Dental Surgery and at the University of Maryland Medical School. He lectures nationally and internationally and serves as an external examiner for international dental schools in the field of prosthodontics. He is the chair of the American College of Prosthodontics Research Committee and the Associate Editor in Chief of the Journal of Prosthodontics. Dr. Masri has authored numerous scientific papers and currently supervises a federally funded research laboratory that studies the etiology and treatment of chronic pain.

Dr. Masri has received many honors including the 2013 American College of Prosthodontist Clinician Research Award and the 2015 Maryland LIFE Award for the most promising technology. In 2014, he was elected as a Director for the American Board of Prosthodontics.

Digital Dentistry

Instructor:	**Dr. Radi Masri, DDS, MS, PhD**
Full Course:	19CEs CBDE/10CEs ADA/AGD (EXPIRES 4/23/2022)
Format:	Audio
Delivery:	mp3 Download or CD Via Mail
Course Price:	$580
Register:	(866) 611-5599 or www.AmericanSeminar.com

COURSE OBJECTIVE

After completing this course participants will have a better understanding and working knowledge of the following:

Part 1:

- Develop an understanding of the history of digital dentistry and how it came about.
- Understand the principles of optical impressions and their underlying science.
- Recognize digital systems available for intraoral scanning, and understand their indications, contraindications, advantages and disadvantages.
- Understand practical applications of implementing the digital workflow in the clinic.
- Become familiar with the various technologies available for the fabrication of dental restorations.

Part 2:

- Become familiar with the various materials available for the fabrication of restorations digitally.
- A discussion of provisional, composite, ceramic and metals available for use in the fabrication of digital restorations.
- Become familiar of digital workflow used for the treatment planning and placement of dental implants.
- Recognize the various technologies available for restoring dental implants.
- Understand digital technology available for the design and manufacture of removable dentures.

COURSE TOPICS

DGD1-1: 3D Digital Impressions: History and Principles

- *A brief history of 3D digital dentistry and their progress;*
- *Principles of digital scan: light vs. laser and underlying science.*

COURSE TOPICS cont'd on page 2

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DGD1-2: Digital Technology: Impression Systems

- *Description of digital systems available for bench top and intra-oral scanning;*
- *Description of complete digital systems used for digital impression and milling of restorations. This will include a discussion of indications, contraindications, advantages and disadvantages.*

DGD1-3: Digital Workflow in Dental Clinics 1

- *This lecture will focus on interactions between the dental clinic and the laboratory. A discussion of practical considerations and implementation of dental technology will be included.*

DGD1-4: Digital Fixed Restorations: Industrial Design and Manufacturing

- *A discussion of technology available for direct digital manufacturing, their principles, advantages and disadvantages.*

DGD1-5: Digital Fixed Restorations: Materials

- *A discussion of provisional, composite, ceramic and metals available for use in the fabrication of digital restorations.*

DGD1-6: Digital Fixed Restorations: Principles of Tooth Preparation and Considerations

- *A discussion of toothh preparation requirements when fabricating digital restorations.*

DGD1-7: Digital Implant Technology: Treatment Planning and Surgery

- *A presentation on systems available for digital implant treatment planning and digital workflow in the office.*

DGD1-8: Digital Implant Technology: Restoring Dental Implants

- *Digital impressions of dental implants; digital restoration of single implants; and complex rehabilitation of dental implants using bars.*

DGD1-9: A Review of the Fundamentals of Optical Impressions

- *Scientific principles that govern current optical impression systems and latest technology.*

DGD1-10: Clinical Applications of Digital Dentistry

- *Clinical examples of treatment rendered using a digital workflow.*

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(11/1/2019) to (12/31/2023)

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