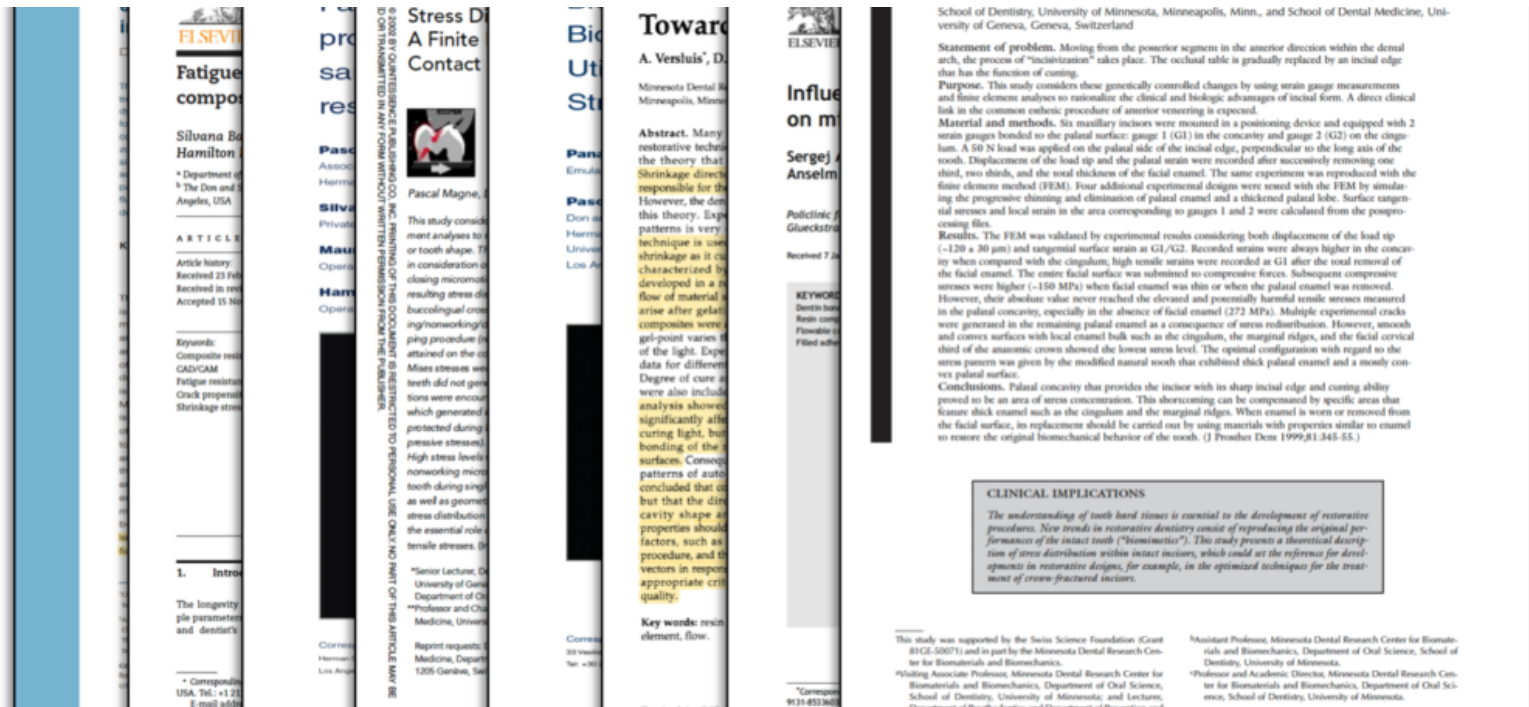


BIOMIMETIC RESTORATIVE DENTISTRY

LEVEL II ADVANCED LITERATURE REVIEW

December 5-6 2020

Irvine, CA



Course Description

Course Overview

The Level II course is an in-depth literature review of the core science of biomimetic dentistry. During this course, we will review over 25 articles that cover all of the Instruction Topics (see below). These articles provide the scientific foundation and evidence behind the materials and techniques of Biomimetic Restorative Dentistry. Understanding the science will help you understand how to effectively treat a wide range of clinical scenarios with a Biomimetic approach.

Course Details

Price	\$3000
Prerequisite Course	Level I
Speaker/s	Dr. Matt Nejad
CE Credits	14
Dates	December 5-6 2020 (2-days)
Times	8 AM - 5 PM

Breakfast and Lunch Included

Location

Irvine, CA

Learning Objectives

- Learn the science and evidence behind Biomimetic Restorative Dentistry.
- Review history of adhesion
- Learn methods to combine the biomimetic approach with full mouth and large prosthodontic cases
- Review techniques to restore extensively damaged teeth.

Training Coverage

This course will cover:

- Literature Review of the Following Topics
- Caries Detecting Dyes
- DIAGNOdent
- Caries/Crack Removal End-points
- Bonding to Caries Affected Dentin
- Peripheral Seal Zone
- Fracture Resistance
- Micro-movements of Teeth
- Tensile/Cohesive Strength of Teeth
- Peripheral Rim Fractures
- Rainey Ridges
- Occlusal Effect Caries
- Hydro-dynamic Pain Symptoms
- Crack Propagation
- Risk Assessment for Fracture and Decay
- Air-abrasion to Increase Bond Strength
- MMP Deactivation
- “Gold-standard” Dentin Bonding Systems
- Immediate Dentin Sealing
- Resin Coating
- Deep Margin Elevation
- Semi-direct Techniques
- Stress Reduced Direct Techniques
- Fiber-Net Placement
- Clinical Studies of Biomimetic Restorations
- Verticalization of Occlusion
- Endodontic Reconstructions

Instruction Topics

The techniques and science covered in this course are categorized into the following instruction topics:

1. Structural Analysis
2. Caries Removal Endpoint/Peripheral Seal Development
3. Immediate Dentin Sealing/Resin Coating
4. Stress Reduction
5. Maximizing Bonds
6. Restorative Materials and Preparation Designs



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