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COMPREHENSIVE LECTURE & Workshop

Topic: **Biomimetic dentistry in the posterior region**

from direct to indirect following Bio-Emulation protocols.

Date: 3rd December, 2023



**By,
Javier Tapia Guadix**

*DDS, CGI-Artist
Founder of Bio-Emulation Group*

Venue: Courtyard by Marriott,
Andheri Kurla Road, Andheri East, Mumbai

➤➤ Register Now..!



Javier Tapia-Guadix

DDS, CG Artist.

Bio

Javier Tapia Guadix was born in 1978 in Madrid, Spain. He finished dental school at the European University of Madrid in 2003. Working then as associate professor in the prosthetics department during 2004.

In 2005 he started his career as professional computer graphics artist, focused on illustration, animation and application development.

He received the Collegiate Merit Award by the Spanish College of Dentists from the 1st Region in 2005, for his collaboration in the commission of new technologies.

In 2011 he founded together with Panagiotis Bazos and Gianfranco Politano the Bio-Emulation group.

He actively collaborates as invited professor with several universities across Europe and is member of GC Restorative Advisory Board. In 2017 he became official reviewer for the International Journal of Esthetic Dentistry.

Javier works in private practice in Madrid, focused on restorative dentistry and aesthetics.

He is an international lecturer with participation in more than 300 congress, hands-on courses and live courses. He published several articles in restorative dentistry, dental photography and computers in dentistry.

Lecture Title

Biomimetic dentistry in the posterior region: from direct to indirect following Bio-Emulation protocols.

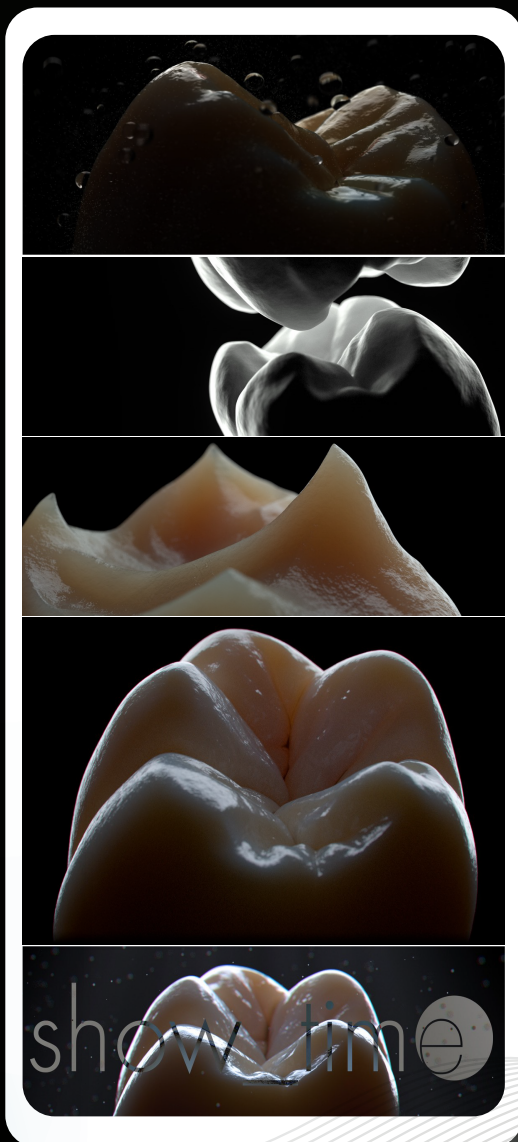
Abstract

The rehabilitation of posterior region using bonded restorations has proved to be a great step forward in conservative dentistry. From single restoration to full mouth rehabilitation, biomimetic dentistry represents a new challenge for materials as well as operator skills. The knowledge of bio-mechanic considerations such as limits of restorative materials and remnant dental structures, as well as the careful application of bonding techniques are critical for good

prognosis of this kind of treatments. Furthermore, the indication shift between direct and indirect restoration often seems to be a difficult dilemma.

Achieving stable, high quality, long-lasting direct and indirect restorations is technique sensitive and requires a proper understanding of many factors including material properties, isolation, preparation, bonding and layering among others. Furthermore the new generation of materials, including fibre-reinforced dentin replacement, has opened a new window to enable direct restorations to have a performance and prognosis similar to indirect restorations and for even stronger indirect restorations when used as base material for build-up.

The solution of all these challenges is possible using a proper systematic and simplified work based on research reference together with a rational clinical evaluation.



Objectives

- Move towards a more conservative and predictable approach in restorative dentistry.
- Understand the histo-anatomic relation between enamel and dentin.
- Learn to emulate dental tissues with different restorative materials, from both optical and bio-mechanical perspective.
- The use of fibre reinforced composites to strengthen both direct and indirect restorations.
- Learn strategies for achieving optimal bond strength to ensure durability of the restorations.
- Incorporate key elements in the workflow to facilitate the best finishing of the restorations.
- Understand the criteria to move from direct to indirect restorations and the optimal materials for each indication.

Demo & Hands-on Session

- Direct composite restoration on Class II cavity following Bio-Emulation protocol, with fibre reinforced composites, injectable composite and paste composite combination. A simplified technique with optimal working time and no compromise on finishing and occlusion adjustment.

Registration Fee:

	Till 15th Nov 2023	16th Nov -2nd Dec	Spot Registrations
Lecture & Demo			
GC Members	Rs 4500/-	Rs 5500/-	Rs 7500/-
Non-GC Members	Rs 5500/-	Rs 6500/-	
Lecture, Demo & Hands-on			
GC Members	Rs 24000/-	Rs 26000/-	NA
Non-GC Members	Rs 25000/-	Rs 27000/-	NA

***Contact GC Associates for more details:**

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