

## The **ART & SCIENCE** of PORCELAIN VENEERS

A 3-day hands-on workshop at Kalra Dental Education Centre by **Dr Manav Kalra**



# The ART & SCIENCE of Porcelain Veneers

By Dr Manav Kalra

INTRODUCTION

MATERIAL SCIENCE

TOOTH PREPARATION

MOCK UP

SOFT TISSUE MANAGEMENT

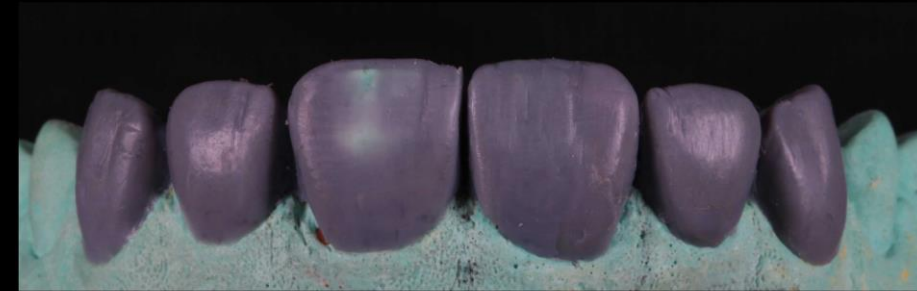
DIGITAL WORKFLOW

PROVISIONAL

COLOUR

TRIAL

BONDING



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HANDS-ON

Tooth preparation for  
veneers winged/slice  
preparation with incisal butt  
joint + temporization

DEMO – Digital scans

State of the art facility with  
individual workstations

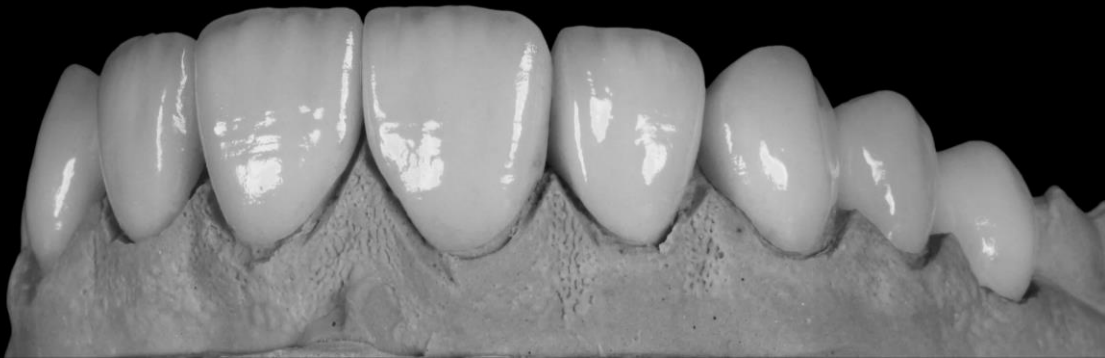


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## INTRO

- What are veneers: an informal definition
- Why go INDIRECT? The complexities of indirect restorations
- What makes bonded restorations unique?
- Composites vs ceramics (The risk/benefit spectrum)
- Crown vs veneer (partial coverage restorations)
- Indications & Contra indications
- How to select your first case: Traffic-light system of case selection



## MATERIAL SCIENCE

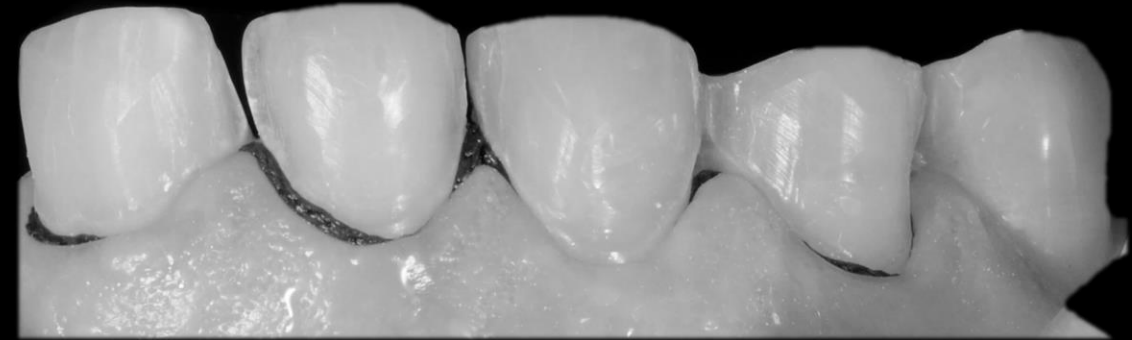
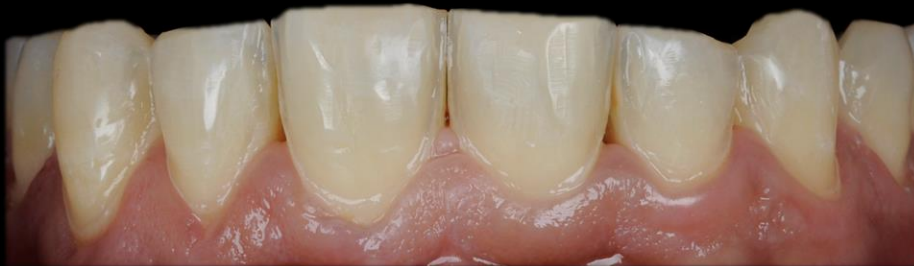
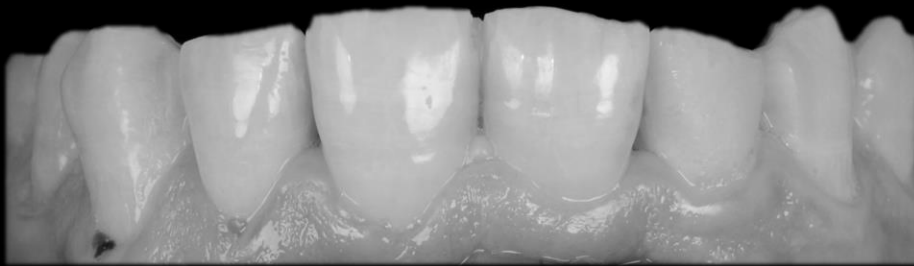
- A visit to the lab! Understanding the lab workflow
- Importance of Die preparation, how can you help your technician?
- Waxing & investing
- How are ceramics fabricated? Pressing, CAD/CAM, Layering
- Different ceramics in dentistry
- Zirconia- Can we make veneers with it?
- The Emax revolution: Strength, Aesthetics, Bonding

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## TOOTH PREPARATION

- Simplified armamentarium: No expensive kits please!
- Different types of preparation designs-  
Incisal butt joint Lingual wrap Window
- Relationship between path of insertion and undercuts
- Labial preparation design: curved reduction
- Incisal preparation: making the butt joint & lingual wrap
- Margin design: the chamfer
- VIDEO Demonstration



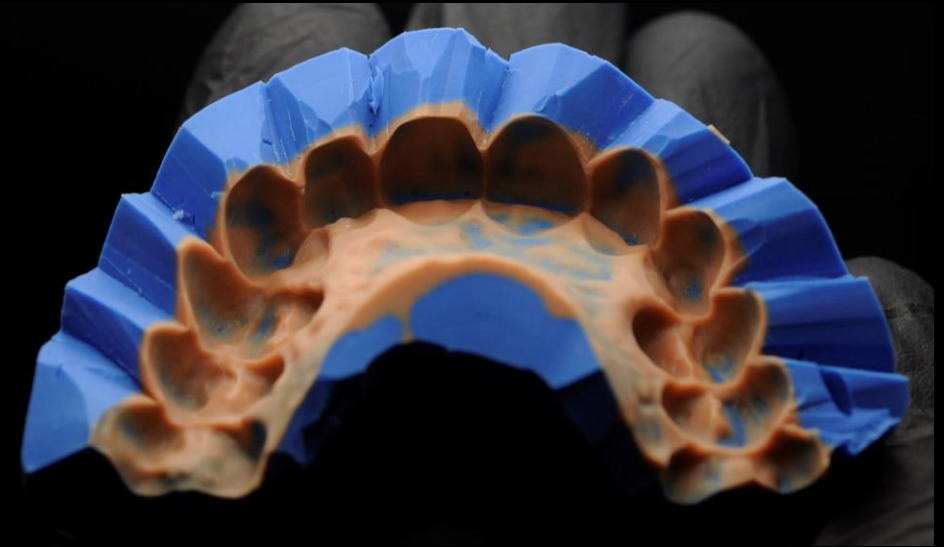
- Margin depth: When to keep it supra & sub gingival  
How make a sub gingival margin without damaging the soft tissues
- Proximal preparation  
Special preparation guidelines for diastema situations  
Slice & Wing preparation
- A very conservative way to break contacts
- TIPS on how to help your technician to give you good work with your tooth preparations
- Finishing and polishing the preparation
- Desensitization (if dentine is exposed)

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## MOCK UP

- Improve communication between dentist, patient & technician
  - The mock-up transfer
  - Making the perfect putty index
- Understanding bis-acrly temporary material
- Motivational mock-up/ TEST DRIVE: improving case acceptance



## GUIDED PREPARATION

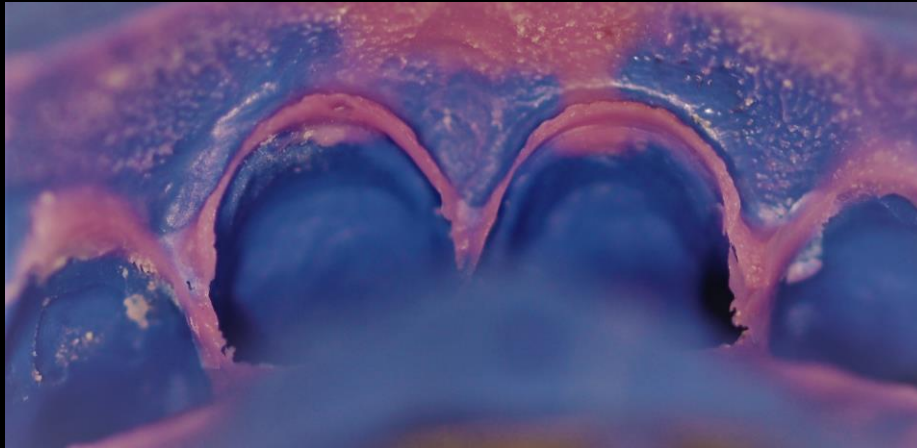
- Difference between additive & subtractive cases
  - Understanding the aesthetic wax up:
    - Involve your technician before case starts
- Tooth preparation through the mock-up
- Preparation guides made from putty
- Verification of reduction

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## SOFT TISSUE MANAGEMENT & IMPRESSION

- Retraction cords and techniques
- Injectables (retraction paste)
- Electro cautery: A boon for daily dentistry
- Correcting gingival zeniths (aesthetic CLP)



- Making flawless impressions  
Two step vs One step putty wash
- Using Intra Oral Scanners  
Digital Scan technique

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## SHADE

- Understanding shade in context of translucent materials
- ND Stump guide and stump shade selection
- Special consideration for non-vital teeth
- How to choose an emax ingot?



## PROVISIONAL

- Spot etch, spot bond technique
- Using provisional as an additional communication tool
- Second chance to interpret patient expectations

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## TRIAL

- Temporary removal
- Dry trial
  - How to handle delicate ultrathin veneers
  - Individual veneer fitting
  - How to do proximal adjustments without damaging veneers
  - Fitting all veneers together
- Wet trail
  - With Trial paste or KY jelly
  - Patient acceptance and mutual agreement
  - Ceramic finishing and polishing



## BONDING

- Choice of cements
  - Light cure vs dual cure
  - Shade selection of cement
- Three levels of isolation
  - Optra gate with cotton rolls, Split dam, Full rubber dam
- Preparation of veneer tissue surface
- Preparation of abutment surface
- Clean up and bonding troubleshooting
- Full protocol case presentations.

# The ART & SCIENCE of Porcelain Veneers

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KOL, 3M.



**10 AM – 5 PM**

(Tea/Coffee & Lunch will be provided)

**Location:**

**KALRA DENTAL EDUCATION  
RAJINDER NAGAR  
DELHI**

**CONTACT WhatsApp  
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**Registrations limited  
15 participants only**

**Base fee: 35000/-**

**GST (@18%): 6300/-**

**Total Payable: 41300/-**

