

**Camera Equipment Used:**

Nikon D100 digital SLR camera  
Nikkor 105mm Macro lens  
Nikon SB29s Ring flash

**Manual Settings:**

ISO 200  
Aperture: f32  
Shutter: 1/200<sup>th</sup> sec  
White balance: Flash

**Presenting Complaint:**

Patient was concerned about the spacing between her upper anterior teeth. A diagnostic wax-up was presented to the patient for approval prior to the commencement of treatment.

**Treatment Outline:**

1. Gingival contouring to re-establish the appropriate gingival height, zenith, & symmetry
2. Direct composite bonding to close diastemas and re-establish aesthetic proportions

**Treatment (Direct Composite Veneers):**

3. Colour mapping was performed following placement of the crowns
4. Test buttons were utilised to establish the correct composite shades to be used
5. Gingival contouring was performed with a diode laser (ADT) to re-establish appropriate gingival height, zenith, & symmetry
6. Surface preparation with coarse tapered diamond bur
7. To prevent teeth from being bonded together Teflon tape was used as separating medium
8. Basic materials
  - a. Optibond Solo Plus (Kerr)
  - b. Renamel Microfill (Cosmedent)
  - c. Premise (Kerr)

In functional (load bearing) areas Premise (Kerr) was used. A 'body' shade was chosen which was similar in hue, chroma, and value as the veneering composite. A putty index was used to establish the correct palatal contour thereby minimizing the need for excessive contouring.

To provide colour depth & highlight areas of translucency and Maverick colours Kolor Plus (Kerr) was applied using a fine artist brush.

9. Vernier callipers were used to ensure that the correct tooth proportions were established

**Finishing/Polishing:**

1. Interproximal... overhangs were removed using a No.12 Bard Parker blade and fine diamond polishing strips (Brasseler). Final interproximal polishing was achieved with Epitex strips (GC)

2. Facial/Lingual... polished with a series of progressively finer grit Optidisc (Kerr) to remove all visible scratches. The 'edge' of an Enhance (Dentsply) polishing cup was use to create surface texture which is lost following the use of polishing discs. Horizontal striations were created using a new Dialite (Komet) polishing disc
3. Lustre & final polish with Flexibuff disc (Cosmedent) & Enamelize paste (Cosmedent)





