


<div><div></div><div>D TECH DENTAL TECHNOLOGIES</div></div>	<div><div>Case Record</div><div>Dr. Burzin Khan, Opus Dental Specialities, Mumbai</div></div>		Case Date	02 Jan 2024
			Case Ref	Jan 02/C&B P
	Case No	CR-3DR- C&B - 11	Rev No &Date	NA

Long term hybrid crown printed using C&B (Pro) and Surgical Guide Resin

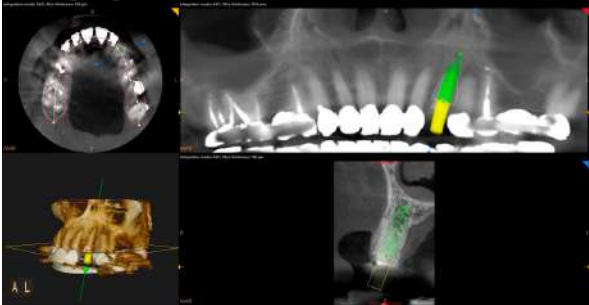
Product used : Surgical Guide & Crown & Bridge (Pro)



### About The Case

The case is of a 70 year old patient who fractured his 23 at the neck and wanted a replacement. After CBCT it was decided to do a partial extraction of the root piece (PET) to preserve the labial bone and give an immediate implant placement doing a guided procedure. (Copa Sky)

### Imaging



### Fractured Tooth



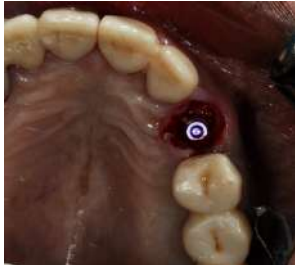
### Tooth Extraction




### Implant Procedure



### Implant Placement



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	Case No	Case Ref	Jan 24/C&B P
		Rev No &Date	NA
	Case No	CR-3DR- C&B - 11	

Long term hybrid crown printed using C&B (Pro) and Surgical Guide Resin

Product used : Surgical Guide & Crown & Bridge (Pro)

**Outcome & Doctor's Comment**


Planning and guide design using codiagnostix software. Guide printed with D Tech SG resin and printed on an Asiga printer and sleeves inserted precuring. The colour change post autoclaving ensures sterile biocompatible resin. A hybrid resin crown deigned with exocad was 3D printed using D Tech C&B pro resin and finished and polished using Bredent finishing kit and post processing washing & curing protocols. Immediate implant , custom abutment & permanent resin crown all delivered in the same sitting with precise guided implant placement. pre and post operative CBCT scan shows precise placement and an immediate aesthetic outcome.



**About the Doctor**

Dr Burzin Khan is a prominent Practicing Implantologist, Cosmetic Dentist and a Prosthodontist with an clinical experience of 30 years. He completed his MDS Prosthodontics from Government Dental College & Hospital,Mumbai. He is an expert at Full digital workflows with Immediate implant restorations & is the Founder at “Digital Dental Forum”, India which is an Initiative to educate dentists from across the world regarding the latest techniques and advances in the field of Digital Dentistry through Congresses, Workshops & Webinars. He is internationally educated in several specialties like Augmentation Procedures Part I- Bone Harvesting & Soft Tissue Surgery, Privatzahnklinik Sclob Schellenstein Gmbh, Olsberg, Germany & has several notable publications to his name.



<div></div> <div>D TECH DENTAL TECHNOLOGIES</div>	<div>Case Record</div> <div>Dr. Burzin Khan, Opus Dental Specialities, Mumbai</div>		Case Date	20 Jan 2024
			Case Ref	Jan 24/C&B P
	Case No	CR-3DR- C&B - 12	Rev No &Date	NA

Provisional shell crown printed using C&B (Pro)& Surgical Guide printed using SG Resin

Product used : Surgical Guide & Crown & Bridge (Pro)



**About The Case**

A case of 14 , old endo treated tooth was assessed for pain on chewing and diagnosed with root fracture . It was decided to extract 14 with immediate implant placement and restoration.

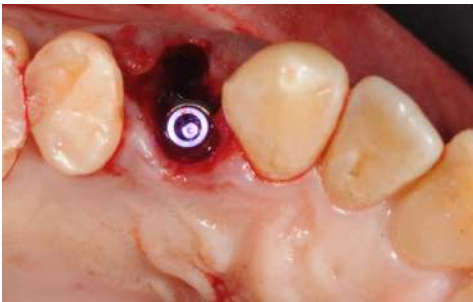
Imaging Pre Op



3D Printed Surgical Guide



Implant Procedure




Implant Placement



3D Printed Crowns using Crown and Bridge Pro





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			Case Ref	Jan 24/C&B P
	Case No	CR-3DR- C&B - 12	Rev No &Date	NA

Provisional shell crown printed using C&B (Pro)& Surgical Guide using SG Resin

Product used : Surgical Guide & Crown & Bridge (Pro)

### Outcome & Doctor's Comment

Digitally planned for precise guided implant (COPA Sky) placement using D Tech Accuprint Surgical Guide resin printed on the Asiga printer. Provisional shell crown designed on Exocad and 3D printed using D Tech C&B (Pro)resin .Copa Ti base abutment used and Crown relined with Protemp resin to develop the subgingival contour for a natural emergence profile supporting the periimplant tissue , Socket gap grafted using BioOss collagen. Screw retained immediate provision C&B resin crown delivered in the same sitting.

### 3D Printed shell crown placed



### Imaging Pre Op



### About the Doctor

Dr Burzin Khan is a prominent Practicing Implantologist, Cosmetic Dentist and a Prosthodontist with an clinical experience of 30 years. He completed his MDS Prosthodontics from Government Dental College & Hospital,Mumbai. He is an expert at Full digital workflows with Immediate implant restorations & is the Founder at “Digital Dental Forum”, India which is an Initiative to educate dentists from across the world regarding the latest techniques and advances in the field of Digital Dentistry through Congresses, Workshops & Webinars. He is internationally educated in several specialities like Augmentation Procedures Part I- Bone Harvesting & Soft Tissue Surgery, Privatzahnklinik Sclob Schellenstein Gmbh, Olsberg, Germany & has several notable publications to his name.

