



CM Drive Acqua



Initial Situation

Clinical Case

- Profile: M. M.
Female, 45
Madrid, Spain
- Clinical Situation:
Dental fracture of tooth 21 and 22
- Restorative Solution:
Extraction, followed by implant placement and immediate temporization with full prosthetic digital workflow using titanium coping and customized zirconia coping



Dra. Arantza Rodríguez
Madrid, Spain
Oral Surgeon

Dr. José Vallejo
Madrid, Spain
Aesthetics & Prosthodontics



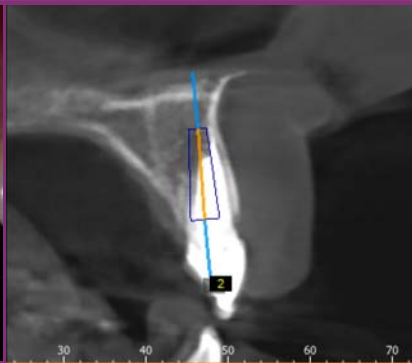
Surgical products	Prosthetic products
CM Drive Acqua 3.5 x 10 mm	CM Titanium Base 3.5 X 4 X 2.5mm 3.5 X 4 X 3.5mm

Summary	Immediate loading protocol	
Surgical Description	Maxilla	Anterior
	2 Implants	Conventional
Restorative Solution	CAD/CAM	Provisional: PMMA Final: Ceramic

Clinical Case



Intraoral frontal view



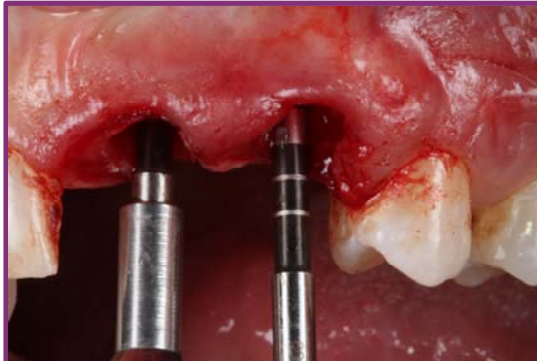
Pre-operative X-ray



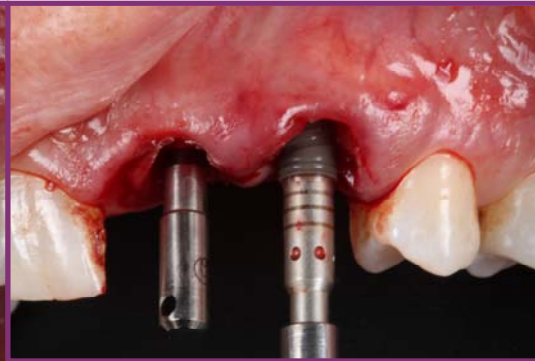
Pre-operative intraoral frontal view



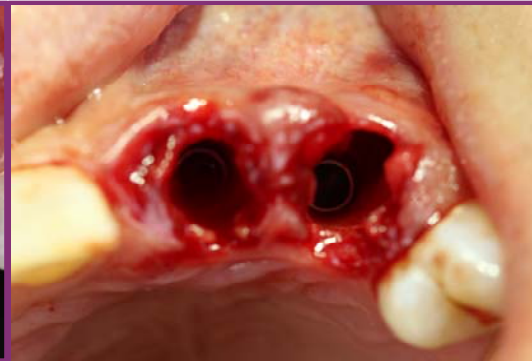
*Extraction sites
Socket that shows the intended correction of
dis-angulation*



Implant bed preparation



*Implant placement
(Drive Acqua 3.5*10mm)
Tooth 21: 3mm subcrestal
Tooth 22: 2mm subcrestal*



Implant in position

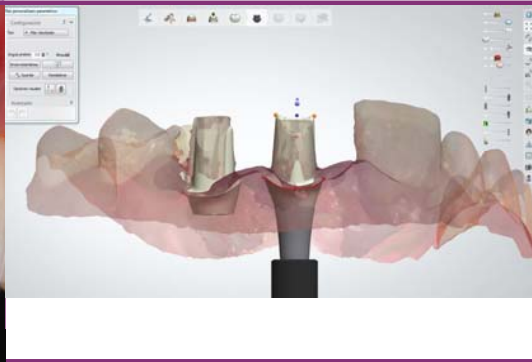


Post provisional restoration X-ray

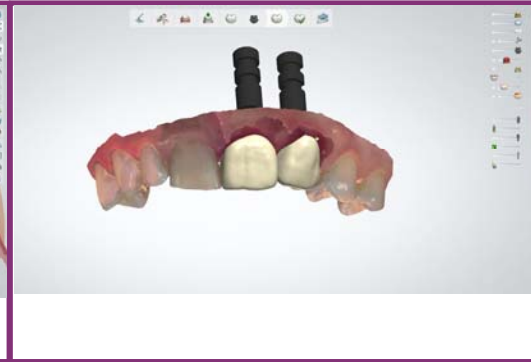
Clinical Case



Intraoral scan body for digital impression



CAD zirconia coping design



CAD temporary crown design



Abutment in place 4 hours after surgery due to zirconia sintering process



Immediate provisional restoration placement



Immediate provisional restoration in position



Good soft-tissue healing 4 days after surgery



Adjusting the provisional crowns to fit the best emerging profile 6 weeks after surgery

Clinical Case



*Final restoration
1 year after surgery*

1-year follow-up X-ray