

A zirconia implant at 22, and an emergence profile to match

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A 68-year-old non-smoker with infection, mobility and a fracture of tooth 22. Atraumatic extraction, a Neodent Z zirconia implant, minor augmentation, then a roll flap and a Cervico-customised healing abutment at second stage. Digital impression and a final crown.



Initial situation: tooth 22 compromised by infection, mobility and a fracture.



Final crown delivered. The soft tissue has healed into the emergence profile the custom abutment gave it.

PATIENT

68-year-old male, non-smoker, no relevant pathology

IMPLANT

Neodent Z zirconia, injection-moulded, chosen for the anterior zone

DEPTH

4 mm from shoulder to soft-tissue margin

SOFT TISSUE

Roll flap at second stage: U-shaped incision, buccal flap de-epithelialised and inverted

ABUTMENT

Cervico-customised healing abutment on the implant's PEEK temporary

IMPRESSION

Digital, after soft-tissue healing; Blue M gel throughout

WHAT IT SHOWS

A zirconia implant in the aesthetic zone still needs the soft tissue shaped around it. The roll flap added volume; the Cervico-customised abutment gave that volume its final form, so the crown was delivered into tissue that had already healed to the right shape.

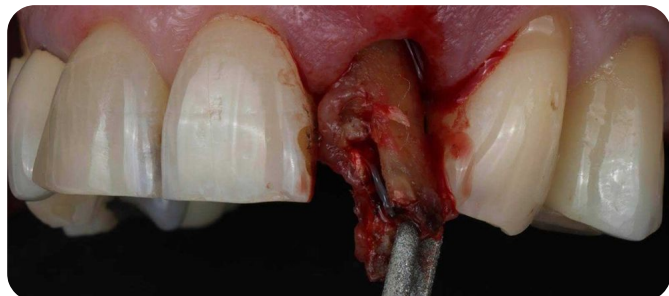
MATERIALS AND CREDITS

Neodent Z zirconia implant · Cervico Guide, caliper and Mold · PEEK temporary and composite · Blue M gel · Digital impression

Case and images: Dr. Alessandro Perucchi and Dr. Cristian Scognamiglio · Full case at vpicervico.com/cases

Extraction to final crown

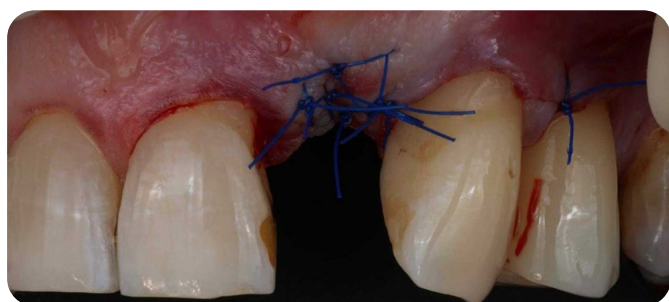
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01 The root of 22 removed by atraumatic extraction. A flap opened for access.



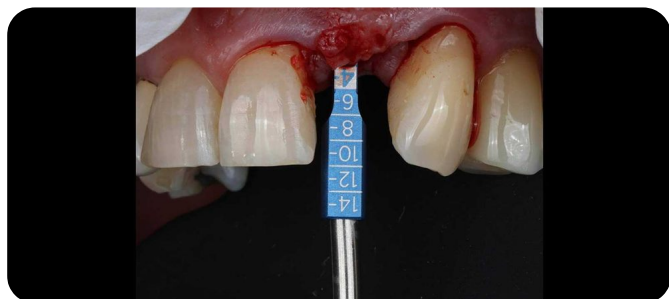
02 Neodent Z zirconia implant placed, parallelism checked throughout.



03 Minor bone augmentation to preserve the arch contour; closed by first intention. Insurance constraints ruled out immediate loading.



04 Second stage. The Cervico Guide tab selects the emergence profile the site needs; a roll flap adds buccal soft-tissue volume.



05 Implant depth checked with the Cervico caliper: a consistent 4 mm from shoulder to soft tissue.



06 The implant's PEEK temporary in the matching well of the Mold, built out and smoothed with composite.



07 The customised healing abutment secured intraorally. Blue M gel applied to support healing.



08 The healed site after removal of the custom abutment: the emergence profile is ready for the digital impression and the final crown.