

## Placement of SPI®CONTACT RC INICELL® Implants in an Extremely Atrophic Mandible

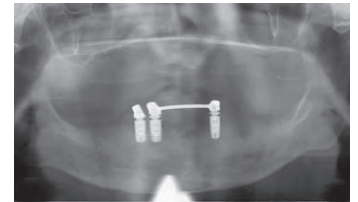
Fangmann R et al. Digital\_dental.news. 2014; 8:6-13

### The Baseline Situation



#### Significant bone loss around three implants from a competitor brand

A 69-year-old female patient presented at the dental clinic with three implants of a competitor brand in regio 33, 43 and 44. Significant vestibular bone loss was detected around the implants, that had been placed 6 years prior. Another implant in regio 34 had already been lost previously.

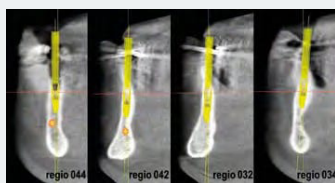


### The Treatment Strategy

#### 1. Planning

CBCT-based planning of the implant positions

Digital design of a pilot drilling guide

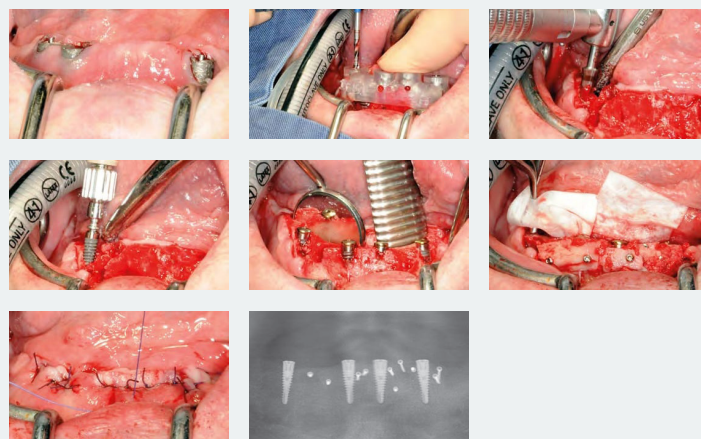


#### 2. Surgery

Removal of the obsolete prosthetic components and implants, combined with the extension of the drill holes

Placement of 4 SPI®CONTACT RC INICELL® implants (PF 3.5, L 11 mm)

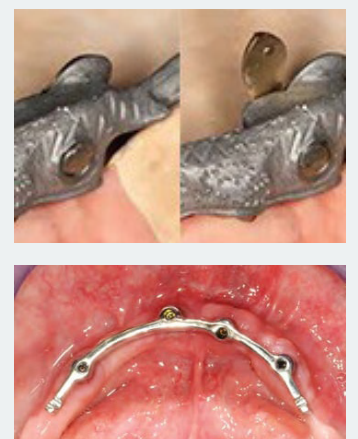
Vestibular and lingual bone augmentation



#### 3. Restoration

Production of the reconstruction after 3 months of healing

CAD/CAM-based manufacturing of a CoCr alloy bar construct with openable rotating locks



The outcome demonstrates that even borderline cases of implantology can be perfectly rehabilitated by digitally planning the implant placement and the prosthetic solution



### The Outcome

