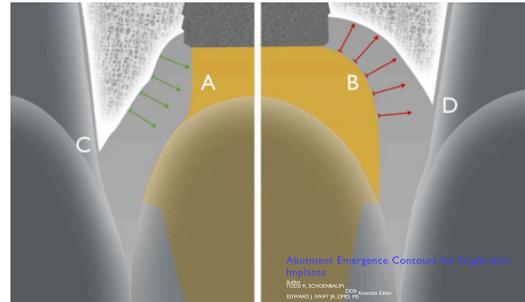
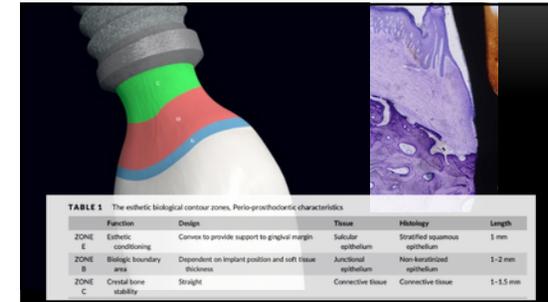




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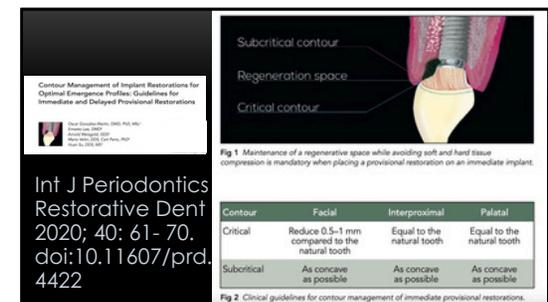
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**Indications**

- Must be an advantage for the patient
- Type 1 and 2 sockets
- Implants stability at placement
- Buccal plate intact, ideally
- Interdental bone intact
- Thick biotype
- Occlusion permits it
- Patient's psychological demand

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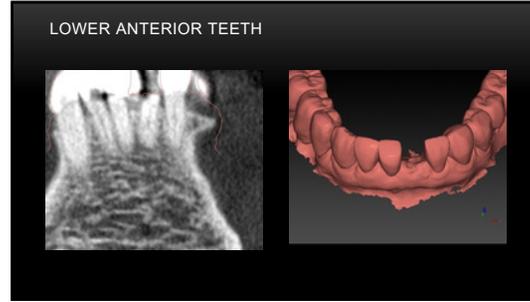
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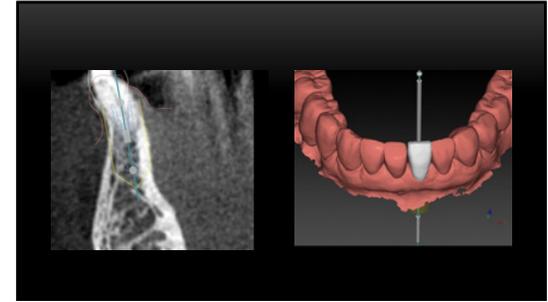
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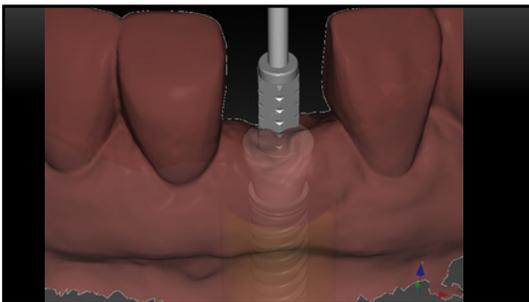
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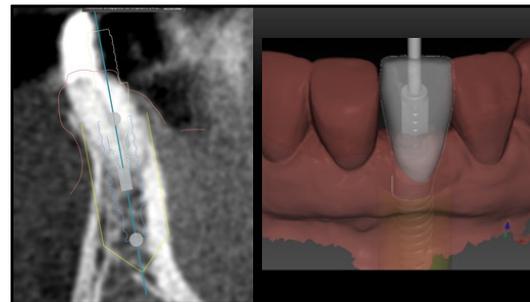
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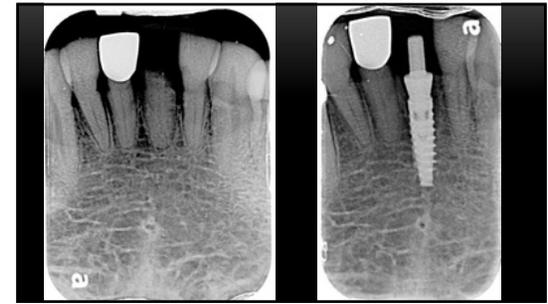
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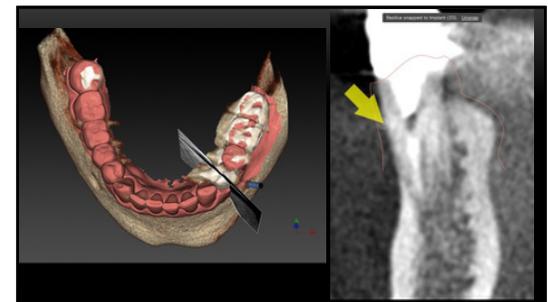
DIGITAL TECHNIQUES FOR PROVISIONAL RESTORATIONS

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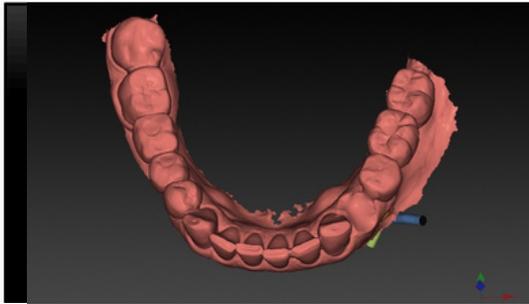
IIP WITH IMMEDIATE PROVISIONALIZATION BENEFITS

Instantaneous re-establishment of function and aesthetics  
 IP support the ideal soft tissues from the day of surgery  
 Avoids unsupported and soft tissue collapse

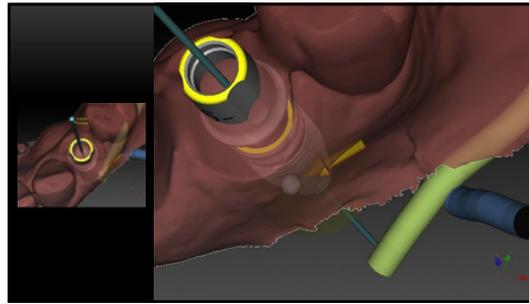
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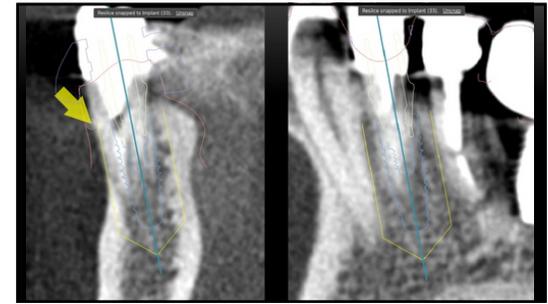
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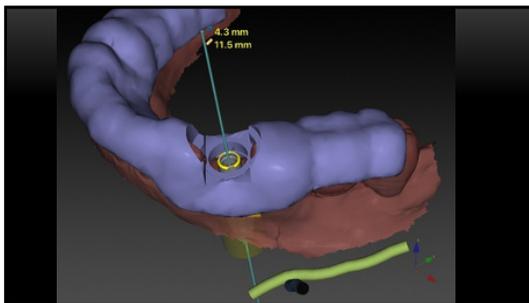
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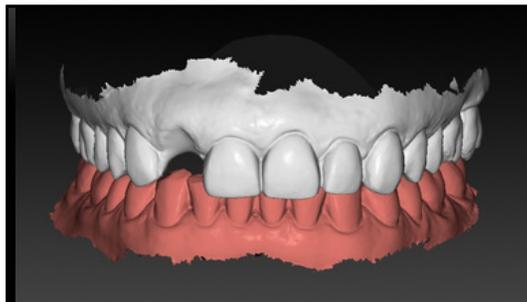
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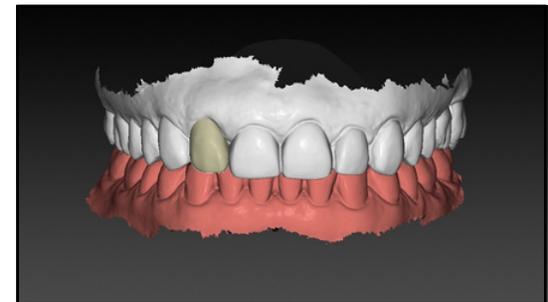
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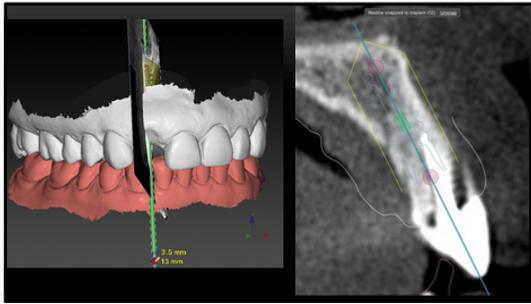
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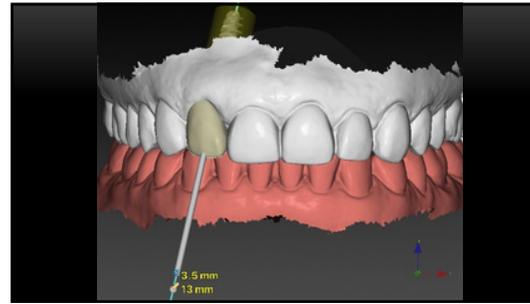
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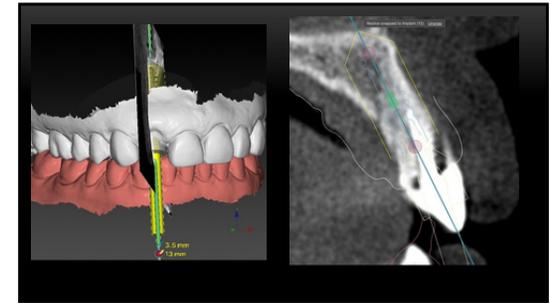
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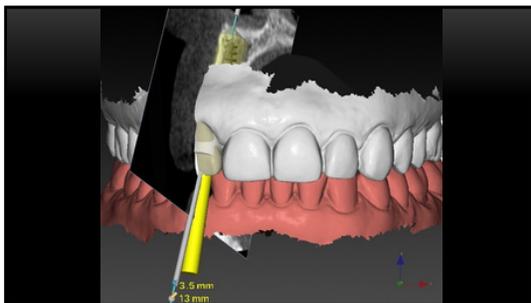
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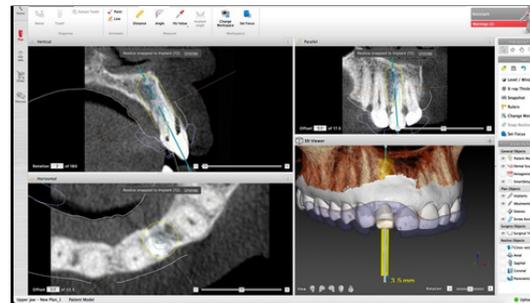
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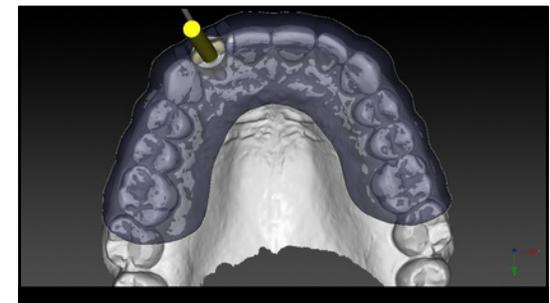
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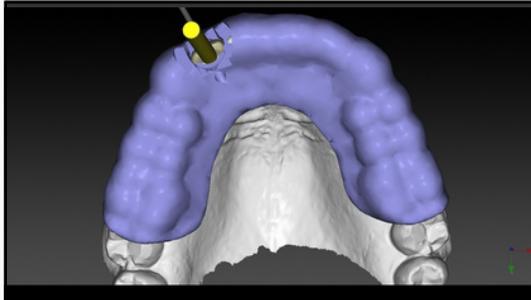
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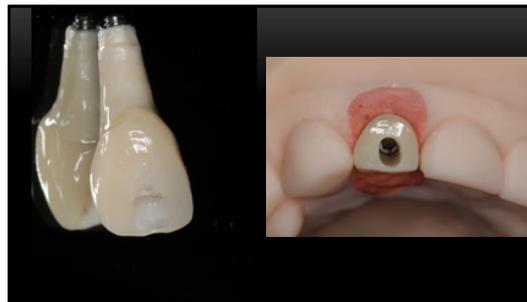
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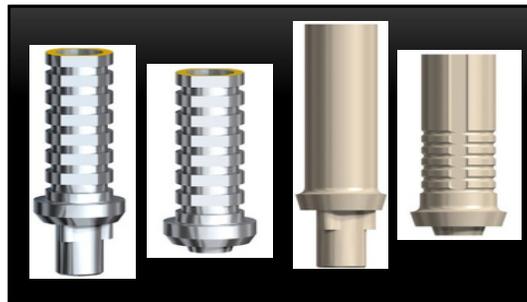
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DELAYED PROVISION RESTORATIONS

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**Immediate placement of single implants with or without immediate provisionalization in the maxillary aesthetic region: A 5-year comparative study**

*Arvid W. Sjöström<sup>1</sup>, Göran M. Sjöström<sup>2</sup>, Olof Eriksson<sup>1</sup>, Mattias M. Hansson<sup>1</sup>, Roger Vahlne<sup>1</sup>, Henry J. A. Mulder<sup>1,3</sup>*

**Clinical Relevance**  
Scientific rationale for the study: No 5-year comparative studies, assessing the complete panel of outcome measures including changes in the hard- and soft-tissue dimensions, buccal bone thickness, implant and restoration survival, aesthetic evaluation and patient-reported outcome of immediate placement and provisionalization of dental implants in the maxillary aesthetic zone, have been published thus far.  
Principal findings: There were no significant differences in marginal bone levels between immediate implant placement with immediate provisionalization and immediate placement with delayed provisionalization at the 5-year follow-up.  
Practical implications: Immediate provisionalization of dental implants in post-extraction sites in the maxillary aesthetic zone is a reliable alternative for delayed provisionalization, **-1.41 vs -0.81mm**

*Int J Clin Periodontol 2021;48:272-283.*

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**Immediate implant placement with or without immediate provisionalization: A systematic review and meta-analysis**

*Jeremy Pittman<sup>1</sup> | Lorenz Schwahn<sup>2</sup> | Veronique Oudizien<sup>3</sup> | Jan Casan<sup>4</sup>*

**Abstract**  
This review assesses the effect of immediate provisionalization (IP) on soft tissue changes, implant survival, and clinical parameters including implant retention, implant stability, and patient-reported outcomes.

**Conclusions:** IP may contribute to midfacial soft tissue stability at immediate implants. However, high-quality RCTs are needed since the strength of this conclusion is currently rated as low according to GRADE guidelines.

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**TABLE 3** Outcomes of included studies

Author	Year (n)	Mean (SD)	Mean (SD)	Implant survival (%)	Mean (SD)	Mean (SD)	Peak Esthetic score	Mean (SD)	Mean (SD)	n (%)
Hansson et al (2019)	148	NS	NS	99.23 (0)	NS	NS	IP = 4.41 (2.08) NS	NS	NS	NS
Sjöström et al (2020)	148	NS	NS	99.15 (2)	NS	NS	IP = 4.91 (2.07) NS	NS	NS	NS
Sjöström, Sjöström, Eriksson, Hansson, Vahlne, Mulder (2021)	148	NS	NS	99.26 (0)	NS	NS	IP = 4.13 (2.07) NS	NS	NS	NS
Sjöström, Sjöström, Eriksson, Hansson, Vahlne, Mulder (2021)	148	NS	NS	99.26 (0)	NS	NS	IP = 4.13 (2.07) NS	NS	NS	NS

Note: Positive values indicate growth, negative values indicate loss.  
Abbreviations: NS, non-significant; IP, immediate implant placement without immediate provisionalization; NS, not reported.  
IP, immediate implant placement with immediate provisionalization; NS, not reported.  
NS, not a part of CI.  
CI, confidence interval of 95%.  
Data based on 3-year results from Sjöström et al (2021) on a reduced number of patients and implants.  
Data based on all implants.

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