



# Clinically Proven Solutions **Immediate Implant Placement**

**Comparative Technical Brief**

leading regeneration

**Geistlich**

# Geistlich, a Trusted Partner with a Strong Foundation Stands the test of time.



**20y**

Clinically confirmed long-term success with Geistlich Bio-Oss® for over 20 years<sup>3</sup>



**14<sup>1</sup>**

Every 14 seconds a Geistlich product is used<sup>1</sup>



**25 M**

Since 1986, over 25 million patients worldwide have been treated<sup>1</sup>



**2,000+**

Geistlich Bio-Oss® has been scientifically proven in over 2,000 publications<sup>2</sup>

## Let's dive deeper into the data that exists for Immediate Implant Placement (IIP)...

A comprehensive comparative literature review specific to Geistlich Bio-Oss® family of biomaterials.\*



## Literature Selection Criteria\*

- Publications in English
- IIP following tooth extraction
- Simultaneous implant placement and bone augmentation during the same procedure
- Clinical studies involving actual patient data
- Original primary studies (not systematic reviews or meta-analyses)
- Bone augmentation using a single bone substitute
- Exclusion of bone substitutes combined with autogenous bone or other biologic agents (e.g., PRF, PRP, BMP-2, PDGF, etc.)



## Here is What We Found: A Proven Track Record

Numerous peer-reviewed publications showcase extensive implants placed with long-term follow-up.<sup>4</sup>



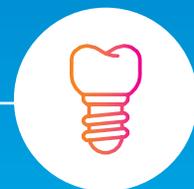
**50+**

Over 50 peer-reviewed publications on IIP



**1,100+**

More than 1,100 patients treated by IIP



**1,300+**

Studies included over 1,300 implants

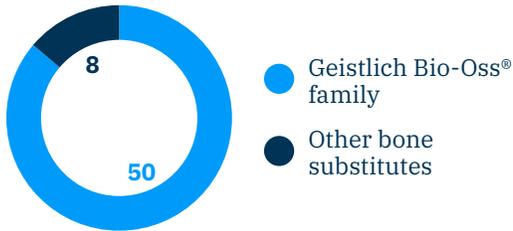
\*The search was conducted using Embase and PubMed, ensuring comprehensive and balanced coverage of biomedical literature.<sup>4</sup>

# Immediate Implant Placement Side-by-Side Comparison

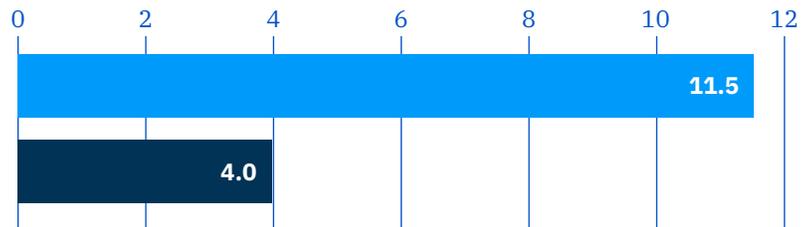
## Unmatched Evidence

Alternatives have limited to no data with Geistlich Bio-Oss® also having the largest follow-up time.

Total no. of studies on IIP

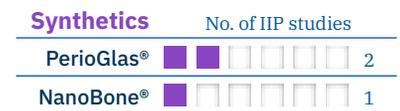
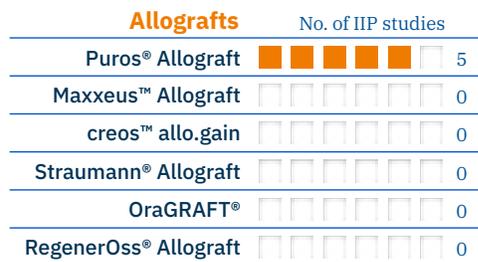
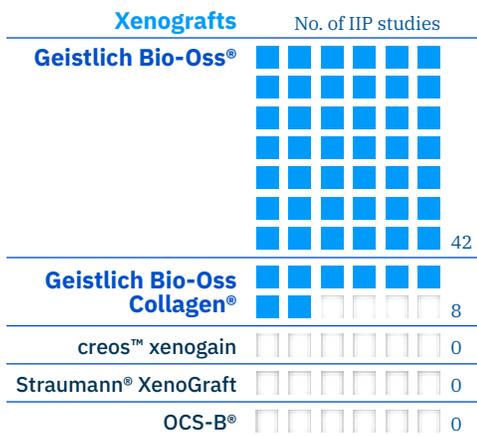


Longest follow-up time for IIP (years)



## Strength in Numbers

Quality & consistency you can trust.



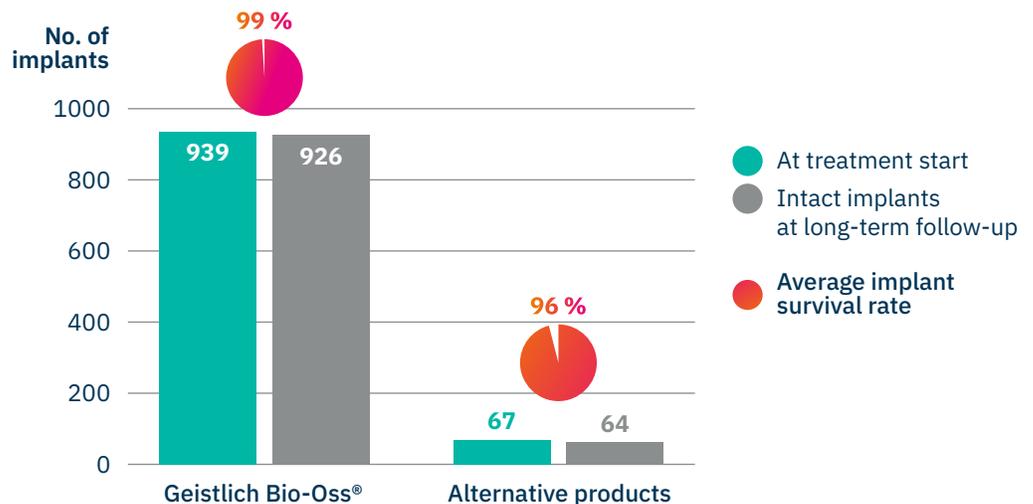
**Largest number of studies on IIP**

## Cost-Effective Choice

Choosing alternatives may increase the risk of implant failure.

**14x**

More patients and implants treated than all other alternatives combined.



# Clinically Proven Treatment Solutions Immediate Implant Placement

## Key Highlights

- ✓ **Proven Track Record:**  
Numerous studies showcase extensive implants and long follow-up periods.
- ✓ **Unmatched Evidence:**  
Alternatives have limited to no data in comparison.
- ✓ **Cost-Effective Choice:**  
Choosing alternatives may increase the risk of implant failure.



**Geistlich  
Bio-Oss®**

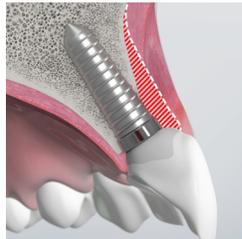
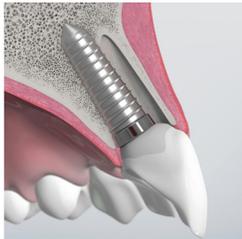


**Geistlich  
Bio-Oss Collagen®**

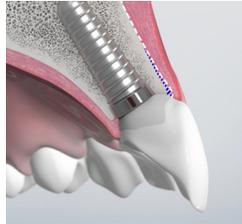
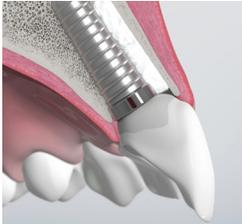
At implant insertion

After integration in the site

**Without filling  
the gap**



**Filling the gap**



### References

1. Data on file, Geistlich Pharma AG, Wolhusen, Switzerland
2. Pubmed search (6. June 2024)
3. Knöfler W, et al. Int J Implant Dent. 2016 Dec;2(1):25
4. Data on file, Geistlich Literature Search Evaluation Report, 2024, Geistlich Pharma AG

# Geistlich

## Key Message

With immediate implant placement, Geistlich products demonstrate a high long-term implant survival rate, showcasing their reliability, durability, and effectiveness in clinical settings, making them the most reliable choice in the market.



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# Clinically Proven Solutions.



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