Clinical Performance of PURE Ceramic Implants in Single-Tooth Gaps: 5-Year Results

Aim
• To evaluate the mid-term clinical performance of a Straumann® PURE Ceramic Implant Monotype in single-tooth gaps in the maxilla and mandible
• To confirm the previously published results on hard and soft tissue parameters after 5 years of follow-up

Study duration
5 Years

Patients

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<th>Mean age</th>
<th>Years</th>
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<td>21</td>
<td>53</td>
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Study design

Indication
Single-tooth gaps

Protocol
Transmucosal implant placement in healed extraction sites

Provisionalization
After 12–14 weeks

Final restoration
After 28 weeks

Study implant

Straumann® PURE Ceramic Implant Monotype

STABLE bone levels

After an initial remodeling phase (0–6 months), crestal bone level remained stable, 0.04 mm change between 6 months and 5 years.

EXCELLENT performance

Implant success and survival after 5 years follow-up vs. meta-analysis

Survival rate PURE
97.2%

Success rate PURE
97.2%

Meta-analysis titanium implants
96.8%

Survival and success rates of single-tooth PURE Ceramic Monotype implants after 5 years

Conclusions
• Straumann® PURE Ceramic Implant Monotype shows excellent survival and success rates of 97.2% and stable bone levels after 5 years of follow-up.
• The PURE Ceramic Implant Monotype offers a reliable and successful treatment alternative to Titanium implants.

References

1. A Prospective Clinical Study to Evaluate the Performance of Zirconium Dioxide Dental Implants in Single Tooth Gaps in the Maxilla and Mandible: 5-Year Results. Manuscript in preparation.