Short OsseoSpeed implants (6 mm)—Astra Tech Implant System®

Why short implants?
Implant placement in the posterior regions sometimes faces anatomical challenges with limited vertical bone height due to the expansion of the maxillary sinus, or proximity to the inferior alveolar nerve. To overcome these challenging clinical situations short, 6 mm, OsseoSpeed implants have become a treatment option to rely on.

- Avoids vital anatomical structures
- Minimizes bone grafting procedures
- Reduces patient morbidity from surgical interventions
- Less surgical complications
- Reduces treatment cost and time

Clinically proven solution
With up to 6 years of follow-up short OsseoSpeed implants have been shown clinically successful when placed in posterior maxilla or mandible in indications for single crown, fixed partial denture, overdenture, or removable partial denture. High implant survival rates and well maintained marginal bone levels have been shown over time. Increased patient acceptance was shown through reports of high patient satisfaction.

Similar clinical outcome as longer implants
Clinical studies comparing OsseoSpeed implants with a length of 6 mm to that of standard-length implants (≥ 9 mm) indicated that treatment with short implants have equally good results on survival rate and maintenance of marginal bone levels when treating atrophic jaws.

Conclusion
Clinical documentation shows that short OsseoSpeed implants are a viable treatment option for the atrophic, posterior jaw, giving similar clinical outcome as standard-length implants.

* Immediate loading is not indicated in single tooth situations on implants shorter than 8 mm or in soft bone (type IV) where implant stability may be difficult to obtain and immediate loading may not be appropriate.


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