Astra Tech Implant System
—Clinical documentation on Astra Tech Implant EV Profile

Unique implant design for sloped ridges
Following tooth extraction or tooth loss, natural bone remodeling occurs as the bone heals\(^1\). The remodeling is more pronounced buccally than lingually, which often results in a sloped ridge\(^2-4\). The implant with its sloped shoulder, was developed to meet these demands\(^5\) and the implant benefits have been confirmed further in experimental studies\(^5-7\).

Clinical results
Astra Tech Implant EV Profile (Astra Tech Implant System) has been evaluated in clinical multicenter studies\(^8-17\) and in case reports\(^18-22\), including over 500 implants followed up to 10 years, in both healed ridges and extraction sockets, with the following results:

- High survival rates\(^8-13, 15-17\)
- Preserved buccal and lingual bone levels\(^9, 10, 13, 17\)
- Regain of keratinized mucosa in patients with compromised soft tissue (see figure)\(^17\)

![Graph showing Width of keratinized mucosa (mm) over time](image)

**Clinical advantages**
Scientific literature has shown several clinical advantages with this implant when placed in sloped ridge situations, such as:

- Stable soft tissue levels\(^8-10, 12, 13, 17\) and good esthetic results\(^13, 14, 19, 20\)
- Optimized 360° bone support\(^9, 10, 13, 17, 21\)
- Possibly reduced need for bone augmentation\(^18\)
References


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