

# Astra Tech Implant System

## —Clinical documentation on Astra Tech Implant EV Profile

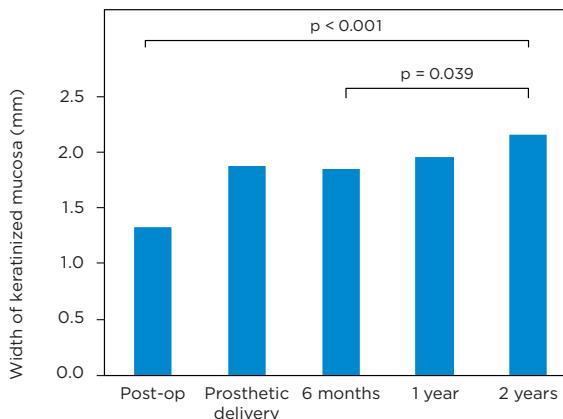
### Unique implant design for sloped ridges

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

### Clinical results

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

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



### Clinical advantages

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

- Stable soft tissue levels<sup>8-10, 12, 13, 17</sup> and good esthetic results<sup>13, 14, 19, 20</sup>
- Optimized 360° bone support<sup>9, 10, 13, 17, 21</sup>
- Possibly reduced need for bone augmentation<sup>18</sup>

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