Connective Contour™ – increased soft tissue contact zone and volume

One of the key features of the ASTRA TECH Implant System BioManagement Complex™ is the Connective Contour™. This unique contour increases the soft tissue contact zone and volume and is created when the abutment is connected to the implant. This design has been part of the ASTRA TECH Implant System™ since 1985, and thus, all available clinical documentation on ASTRA TECH Implant System includes results on this key feature. Since a successful soft tissue outcome is crucial for a long-term esthetic result, this review will focus on the literature evaluating the peri-implant soft tissue.

The peri-implant soft tissue is in direct contact with the Connective Contour 1–3 thus achieving a high mechanical stability, resulting in the ability to withstand external forces and movements. The increased soft tissue volume leads to reduced translucency of the formed buccal tissue and thereby improved esthetics. Another advantage of the Connective Contour feature is the ability of the formed peri-implant soft tissue to seal off and protect the marginal bone 2.

The suggested width of the peri-implant soft tissue (i.e. the biological width) is about 3 mm, including the junctional epithelium requiring up to 2 mm 1, 4–9. The design of the Connective Contour enables a healthy biological width to be established, a prerequisite for stable marginal bone*. Several clinical studies with the ASTRA TECH Implant System reports on good esthetics and patient satisfaction 10–28. By a careful selection of abutments excellent esthetics can be achieved and maintained, including a stable, or even a gain, in soft tissue dimensions and papilla height 10–19, 21, 28–36.

*For literature about the maintained marginal bone levels with ASTRA TECH Implant System, please read Scientific Review on Marginal bone maintenance www.dentsplyimplants.com.


www.dentsplyimplants.com

Reprints can be ordered from references marked with ID No.
To read more Scientific Reviews please see: www.dentsplyimplants.com