



Gingival aesthetics | SFS 120/121/122



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**pending

Sonic tips for minimally invasive surgical crown extension according to Dr. Schwenk and Dr. Striegel.

Surgical crown extensions are a popular treatment in cases where the biological width has been violated by an excessive preparation or in aesthetic dentistry, whenever an asymmetric dental arcade and/or a gummy smile are to be rectified.

The traditional method, i.e. a crown extension with rotary instruments involving the creation of a mucoperiosteal flap, has a number of drawbacks, such as the risk of recessions or scars. What's more, these treatments are often traumatic, drawn-out and expensive.

We have now developed special sonic tips for minimally invasive crown extensions without creation of a flap, in close collaboration with Dr. Schwenk and Dr. Striegel, Nuremberg, Germany.



After careful planning by means of a mock-up/wax-up or with a template, measuring the patient's individual biological width and making the required corrections to the gingiva, for example with a Komet CeraTip or with an electro-tome, the bone is treated in a controlled, minimally invasive manner with the sonic tips SFS 120.

The result: The recreation of the natural biological width.

Minimally invasive crown extension:

Indications



Asymmetrical dental arcade



Gummy Smile



Gummy smile



Sonic tips in situ



Case



Clinical sequence:

- Planning by means of a mock-up, wax-up or with a template
- Measuring the patient's individual biological width
- Making the required corrections to the gingiva with a CeraTip (or with an electrotome, a scalpel or laser)
- Osteotomy with a sonic tip to recreate the biological width measured at the beginning of the treatment - without creation of a flap
- Prosthetic restoration, if necessary, after the final shape of the gingiva has been established