



Gingival aesthetics | **SFS 120**

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.

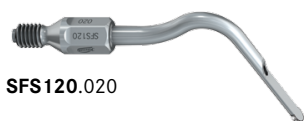
The traditional method, i.e. a crown extension with rotary instruments involving the creation of a mucoperio-steal flap, has a number of drawbacks, such as the risk of recessions or scars. What’s more, these treatments are often traumatic, drawn-out and expensive.

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.

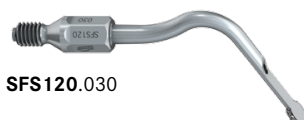


After careful planning by means of a mock-up/wax-up or with a template, measuring the patient’s individual biological width and making the required corrections to the gingiva, for example with a Komet CeraTip or with an electrotome, the bone is treated in a controlled, minimally invasive manner with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

The result: The recreation of the natural biological width.



SFS120.020



SFS120.030



SF1LM

Indications



Asymmetrical dental arcade



Gummy smile



Violation of the biological width

Case 1



Case 2



Minimally invasive crown extension:

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

Recommendations for use:

The sonic tips are used in the sonic handpiece SF 1LM made by Komet. The tips can also be used in the SONICflex® handpieces made by KaVo (Series 2003 N/L/X/LX, at level 2, or series 2000 N/L/X/LX)