Flapless Surgical Technique

A flapless surgical technique\(^1-8\) has several advantages compared to the conventional surgical procedure, which includes the opening of a flap before implant insertion. Flapless surgery generates less postoperative bleeding, less discomfort for the patient, shorter surgery time, and a reduced healing time. The patients heal with minor or no swelling.\(^3-4\) The results from a histological evaluation suggest that implants placed without flap exhibited clinically relevant osseointegration similar to when implants are placed with flapped procedures.\(^9\)

The NobelGuide\(^\text{TM}\) treatment concept includes a customized drilling template, which allows for implant placement via flapless surgery.\(^10-19\) In a prospective clinical study on patients treated according to the Teeth-in-an-Hour\(^\text{TM}\) concept the post-operative pain was reported as minimal.\(^14\)

A minimally invasive flapless surgical procedure is also often utilized in treatment with the NobelDirect\(^\circledR\) one-piece implant.\(^20-23\)

References


