

CROWN DOWN WEARPROOF SURGICAL KIT

USER MANUAL

Indications

The CROWN DOWN KIT, designed for performing dental implant osteotomy.

General Precautions

The use of the CROWN DOWN KIT, involves an expert complex procedure, it is intended for formally trained professionals in dental medicine.

Sterilization

Steam Autoclave at 136° C for 20 minutes.

Comprises

Drills: 60° Starter Drill, #20, #30, #35, #40, #45, #50, #55, #60, Stoppers: #1, #2

Instructions

Saline irrigation is contraindicated !

Recommended rpm: 200 – 300

1. Determine the diameter and length of the implant according to the clinical case.
2. Select the two corresponding drills from the drilling chart.
3. Use 60° Starter Drill to create the center dent. (optional)
4. Switch to Drill #1 for the cortical bone.*

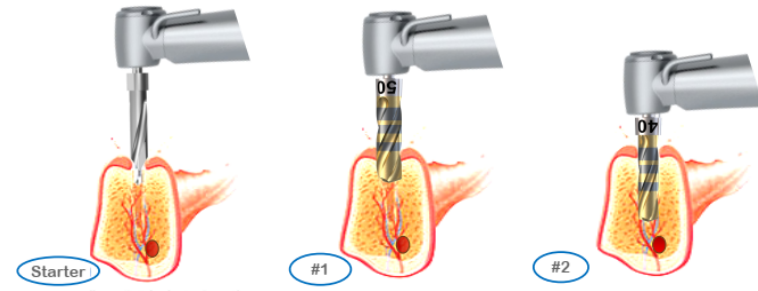
*Rely on clinical perception stop drilling once resistance decreases significantly.

5. Switch to Drill #2 and complete the osteotomy to the final planned depth.

**During drilling, the bone particles can be collected for autogenous bone grafting.

6. Surgical guide parameters: L = 18.5 mm, offset = 5 mm, (Tube ID = 5.5 mm)

www.crowndownkit.com



| BIOTEM DRILLING CHART | | | | | | |
|-------------------------------|-----|------|-----|-----|-----|-----|
| IMPLANT DIAMETER IN mm. | 3.5 | 3.75 | 4.1 | 4.5 | 5.0 | 6.0 |
| DRILL #1 | #35 | #40 | #45 | #50 | #55 | #60 |
| DRILL #2 | #20 | #30 | #35 | #40 | #45 | #55 |

ERGONOMIC DEPTH MARKING CODE (ABCD)

