



Easy Split & Expansion of the Narrow Ridge

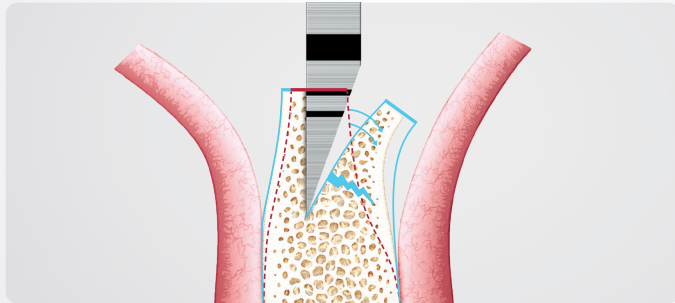
ESSET Kit

- Safe expansion and low risk of buccal fracture without splitting
- Allows for strong immediate loading after ridge split procedures
- Reduces healing time as a result of the 4 wall defect
- Ø4.0, Ø4.5 implants can be placed even in narrow ridges

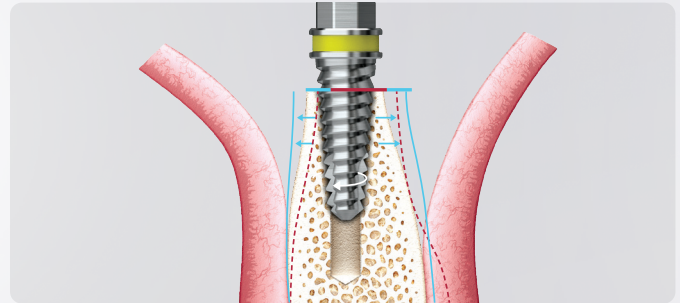
HROSSEN
IMPLANT

Safer and predictable expansion of the narrow ridge to secure sufficient room for implant placement

- The expansion drill is designed to gradually widen the split bone through self-tapping thereby minimizing the likelihood of bone fracture
- Attains initial stability through harnessing the elasticity of the expanded bone



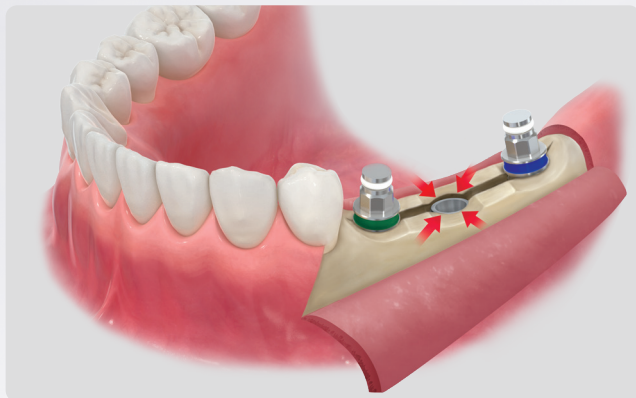
Chisel and Mallet



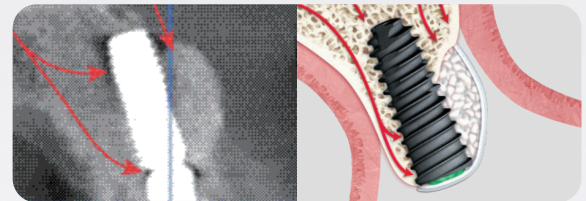
ESSET Kit: Expansion Drill

Facilitates blood supply and shortens the healing time

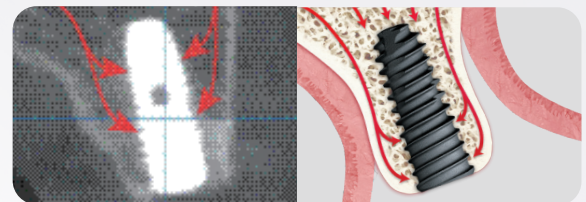
- The ESSET technique, through the utilization of a 4-wall defect, facilitates improved blood flow to all sides of the fixture, leading to a reduction in healing time
- Does not require additional bone grafting or membrane



General GBR Process

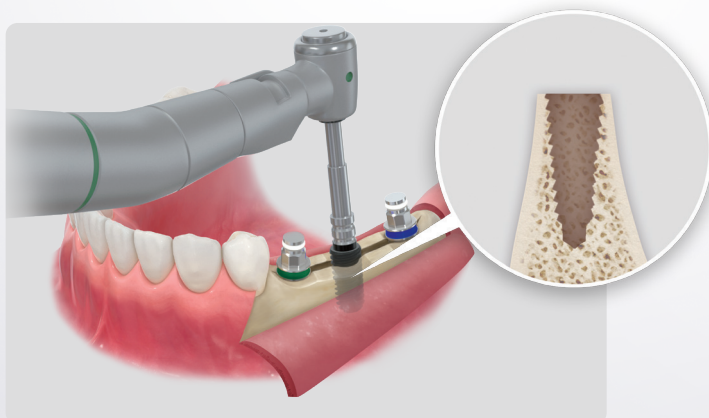


Ridge Split Process



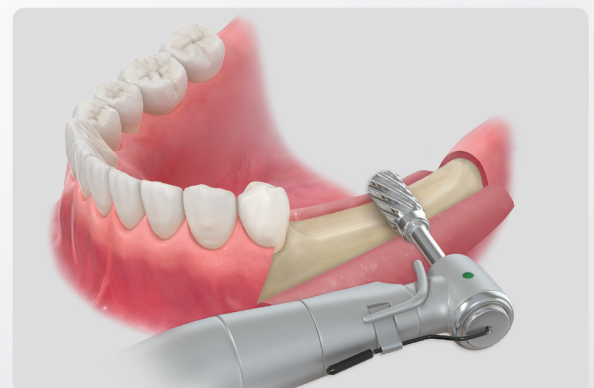
Place implants without excess torque

- The Expansion Drill enables implant placement without the need for excessive torque due to the secure expansion and fixation of the split bone



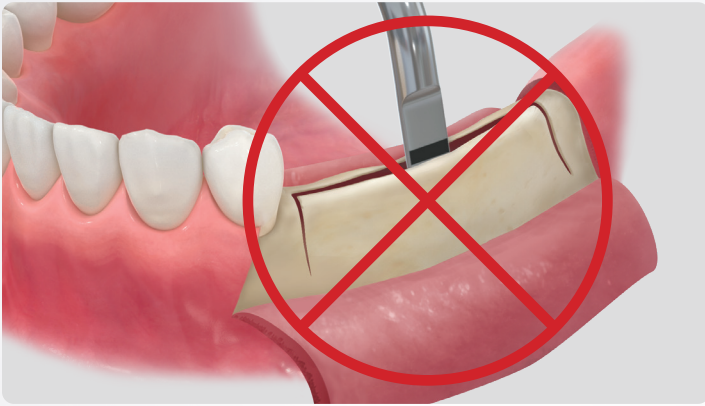
Crest Remover

- The crest remover facilitates the generation of sufficient bone width necessary for surgery
- Flattens uneven ridge for implant preparation

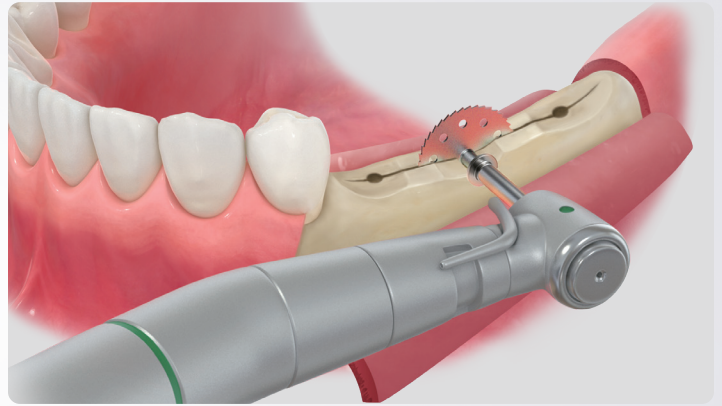


Ridge split surgery without conventional chisels and mallets

- Eliminating the use of a mallet minimizes patient discomfort

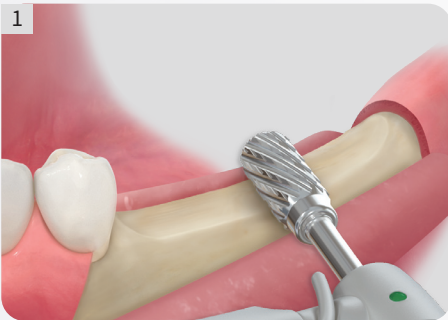


Conventional Ridge Split with Mallet and Chisel



Saw Protector sold separately

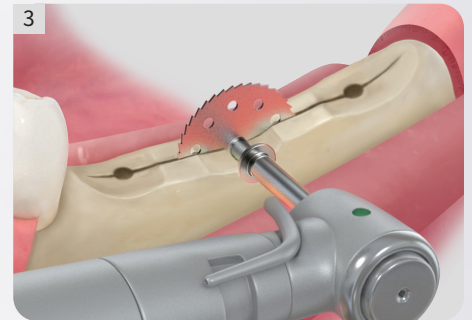
Surgical Sequence



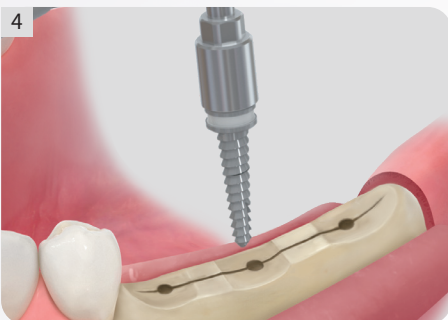
1 **Crest Remover:** Contour Ridge and create grooves for implant sites



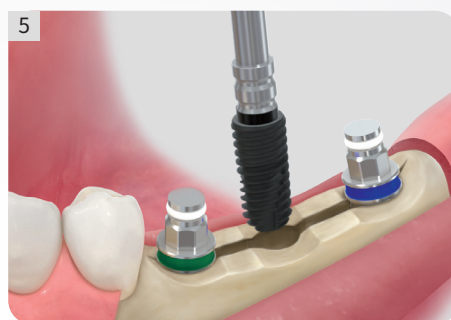
2 **Initial drilling with twist drill** to define implant positioning



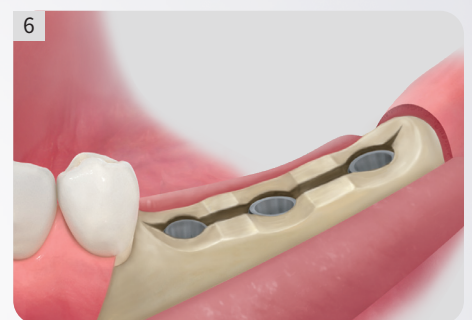
3 **Saw** to incise and split ridge



4 **Expansion drill** to expand ridge



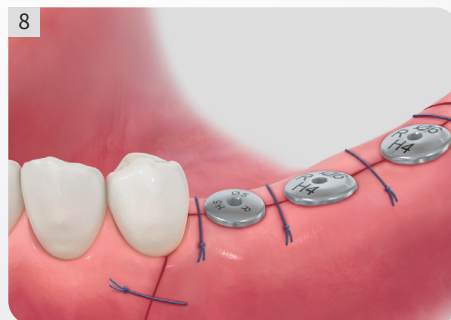
5 **Implant placement** into expanded ridge



6 **Complete placement**



7 **Insert the Healing Abutment**



8 **Suture and complete the procedure**

For more detailed information about ESSET surgical sequence request the ESSET Kit Manual

ESSET Kit layout and components

