

Design Concept.



Corticale. Drill

Decortication Bur with drill stop.

Perforation of the cortical bone layer has been advocated in GBR, because it was postulated that this increases the vascularity of the wound and releases growth factors and cells with angiogenic and osteogenic potential.¹



- > Made of surgical stainless steel | ASTM F899 440
- > Diameter: **1.0 mm**
- > Available depths: **3** and **4 mm**
- > Fitting: **Contra angle**
- > Rotation speed: **50~300 rpm**
- > Durability: **~25 Procedures**

Decorticalization.

Bone decortication performed several times as part of a biological key for guided bone regeneration (GBR). The biological rationale for bone decortication is to allow progenitor cells to gain access to a GBR-treated site and facilitate immediate angiogenesis. It can also improve the physical connection between a bone graft and a local recipient.



¹McAllister, B. S., & Haghighat, K. (2007). Bone augmentation techniques. Journal of periodontology, 78(3), 377-396.