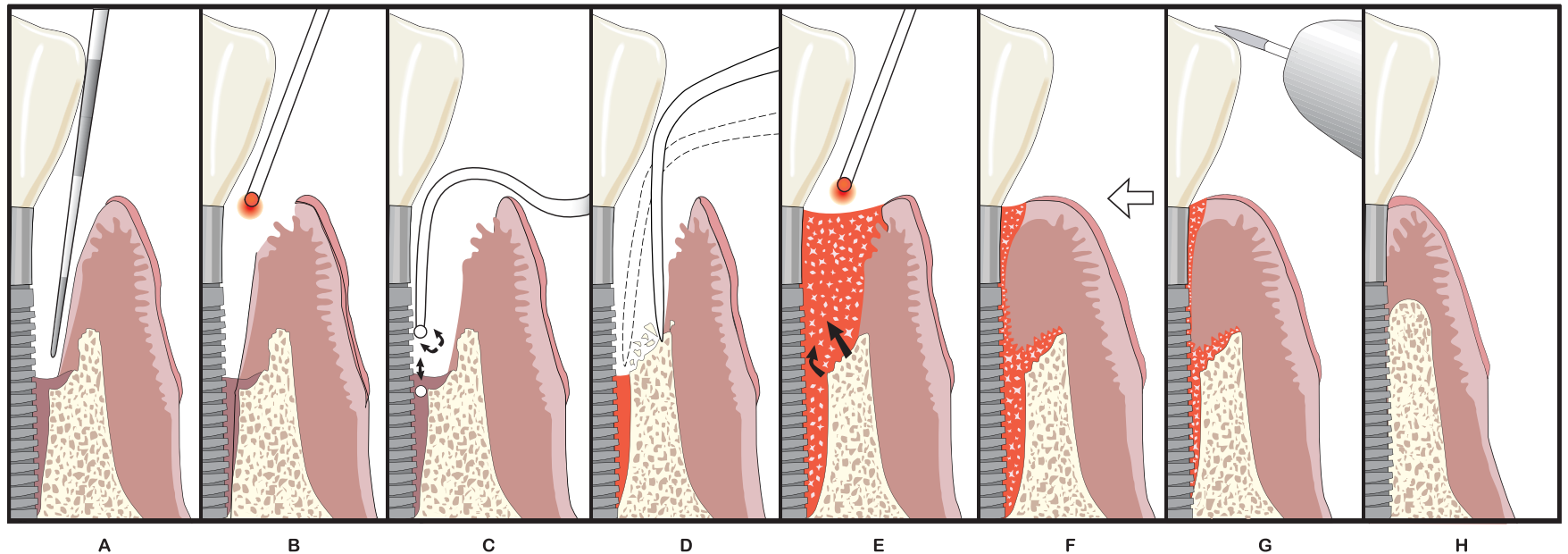


LAPIP™ PROTOCOL



Treatment Procedure

- A. Periodontal probe bone sounding to full depth of bony defects.
- B. PerioLase® MVP-7™ laser energy selectively vaporizes bacteria, endotoxins, diseased epithelial lining of the pocket, and granulomatous tissue; denatures pathologic proteins; and removes titanium corrosion contaminants in soft tissue.
- C. Ultrasonic scaler and specialized tips are used to remove calculus and cement from the implant surfaces.
- D. Bone is modified to reshape, decorticate, and stimulate the release of fresh blood, stem cells and growth factors. Angiogenesis is initiated.
- E. PerioLase MVP-7 is used to form a stable fibrin clot, activate growth factors, and upregulate gene expression.
- F. Coronal soft tissue is approximated against the implant to achieve adhesion to the clean surface; red blood cells, fibroblasts, stem cells, and growth factors fill entire defect with a stable fibrin clot to the gingival crest to create a 'closed system.'
- G. Occlusal trauma is adjusted to eliminate excessive contacts and mobility.
- H. Regeneration of bone around implant.