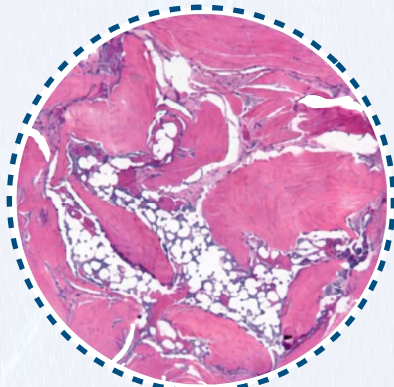


## A NOVEL APPROACH TO OSTEOBIOLOGIC REGENERATION



**Patented and FDA Cleared  
Technology**



**Designed to Promote Robust  
New Bone Formation**

*APEX BG+* contains a patented nanostructured **45S5 Bioactive Glass** combined with clinically proven **demineralized bone matrix**.

APEX BG+ is formulated as a composite 45S5 bioactive glass material combined with demineralized bone matrix (DBM). In this setting, the bioactive glass component is intended to contribute surface reactivity and scaffold-supporting characteristics, while DBM may provide an osteoconductive and biologically permissive environment. Together, these features are designed to support cellular attachment, matrix deposition, and progressive tissue remodeling.

By combining a patented Nanostructured 45S5 Bioactive Glass with clinically proven DBM, APEX BG+ has been developed to promote early surface activation and predictable remodeling behavior. The material concept is based on the premise that controlled bioactivity at the implant surface may enhance the local environment for bone regeneration.

When compared against other commercially available DBM products, APEX GP+ showed greater levels of new bone formation, higher concentrations of osteoblasts and an increased presence of bone marrow.<sup>10</sup>