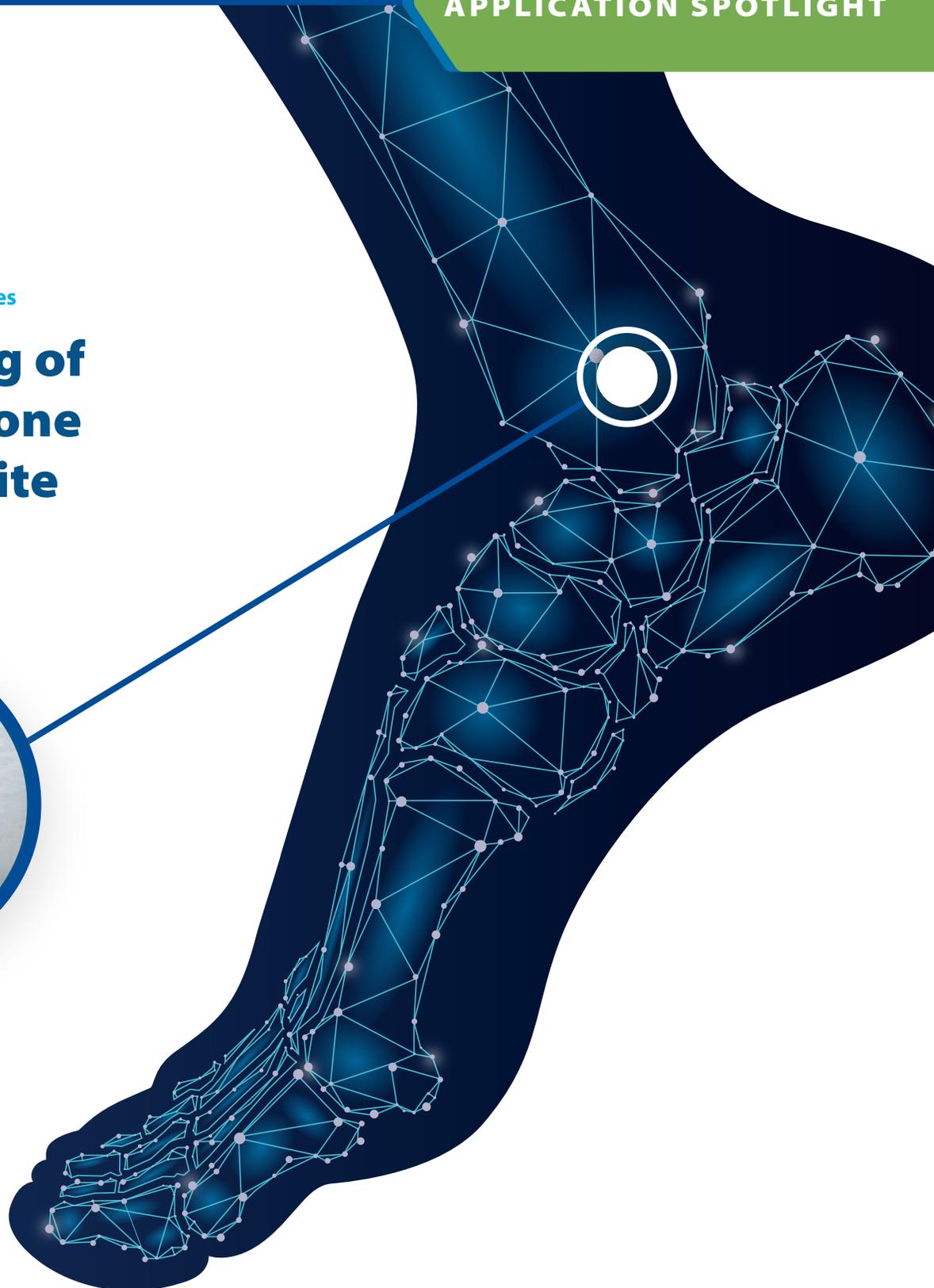


Medical Education Series

Backfilling of Avitus[®] Bone Harvest Site

Daniel Elgut, DPM



CERAMENT[®]

BONE VOID FILLER

BACKFILLING OF AVITUS[®] BONE HARVEST SITE

BACKGROUND

CERAMENT is an injectable, drillable, radiopaque bone substitute which provides bone remodeling within 6-12 months.

CERAMENT's composition of 60% CaS (calcium sulphate) and 40% HA (hydroxyapatite) achieve the optimal balance between implant resorption and bone ingrowth.

CERAMENT has demonstrated equivalence to the gold standard autograft in a Level 1 study, making it ideal for backfilling harvest sites and hardware removals.

APPLICATION

The Avitus[®] Bone Harvester enables minimally invasive high volume bone and marrow harvesting. CERAMENT enables minimally invasive backfilling.

CERAMENT is easy to mix and offers a unique radiocontrast agent for visibility under fluoroscopy.

CERAMENT mixing and setting time is not impacted by room or body temperature.

CERAMENT hardens and is drillable in 15 minutes, allowing screws to be placed through it.

BENEFITS

CERAMENT provides the surgeon confidence that native bone will fill in the defect within 6-12 months.



Intra op image of CERAMENT filling the harvest site.

APPLICATION SPOTLIGHT



15cc of autogenous cancellous bone harvested with Avitus[®].



Harvest site created by the Avitus[®] Bone Harvester.



Cortical window.



Injecting CERAMENT into Avitus[®] harvest site.

Credit: Daniel Elgüt, DPM