New from Impladent Ltd.: The TriStar Bone-Graft Fixation System offers the precision screw kit, titanium mesh and bone graft at affordable price

By Impladent Ltd. Staff

Impladent Ltd. introduces the innovative TriStar™ Bone Graft Fixation System featuring a unique self-drilling screw design and a number of bone-grafting accessories. Each starter kit includes the choice of 15 screws, three pieces of titanium mesh and two vials of bone graft, giving the clinician the most complete bone-graft fixation system available at a price point that is below many of the leading screw kits on the market.

There are a number of unique features that set the TriStar System apart from other fixation screw kits. First is the Impladent tapered SquareLock connection. The tapered square design on the screw head provides an ultra-secure fit that reduces slippage and allows the user to pick up and deliver the screw using only one tool, according to the company.

All of the screws in the TriStar system are self-drilling, eliminating the need to pre-drill a hole in the host bone. The longer titanium alloy screws feature a partially unthreaded and tapered section that serves two purposes: securing bone blocks and as an adjustable tenting screw. Blocks secured by fully threaded conventional screws will not properly compress the block against the host while the tapered design allows the clinician to adjust the height from 1-3 mm in tenting procedures.

Included in each kit is OsteoGen® Bioactive Resorbable Calcium Apatite and OsteoDemin™ Demineralized Human Allograft. OsteoGen and demineralized allograft have been successfully combined for more than two decades (first reported by Whitaker/Lozada). OsteoGen controls migration of connective tissue and provides a slowly resorbing scaffold while the demineralized allograft provides the potential for osteoinductivity yielding an optimal environment for bone regeneration (Spivak 1990, Ricci 1992, Valen 2002, Whitaker 1989).

Each starter kit comes complete with 15 screws, three pieces of titanium mesh (18 x 25 x 0.1 mm) and two vials of bone graft — a real benefit considering that the complete kit has a retail value at or below many of its competitors, according to the company.

For more information and introductory specials on the TriStar Bone Graft Fixation System, visit www.impladentltd.com or call (800) 526-9343.