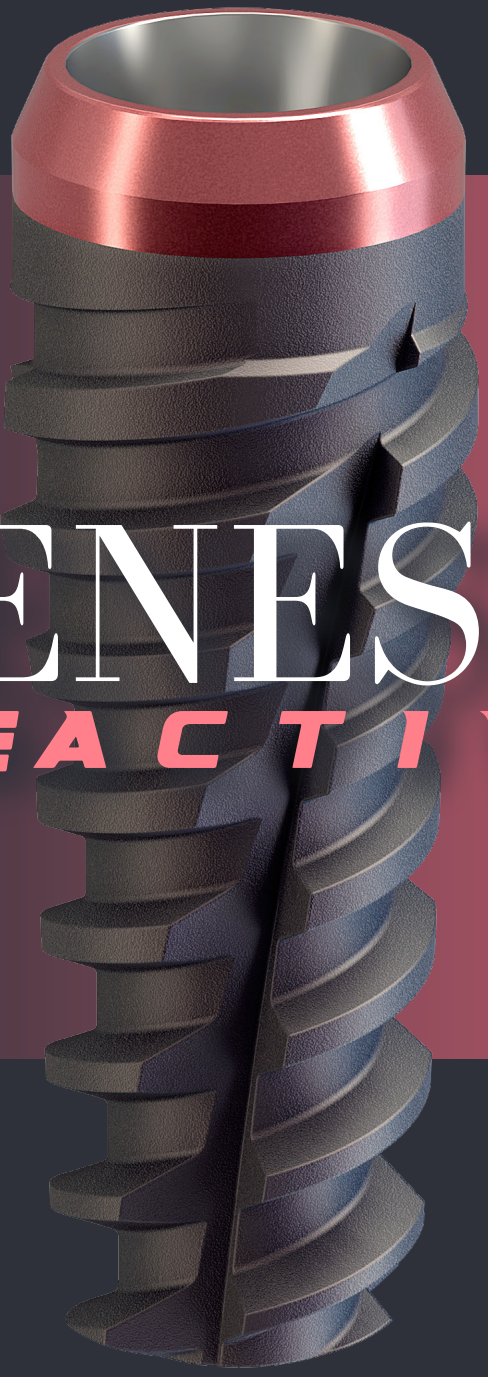
Implant System

KeystoneDentalGroup

Innovation
Meets Aesthetics



GENESIS™
ACTIVE

GENESIS®
A KeystoneDentalGroup Brand

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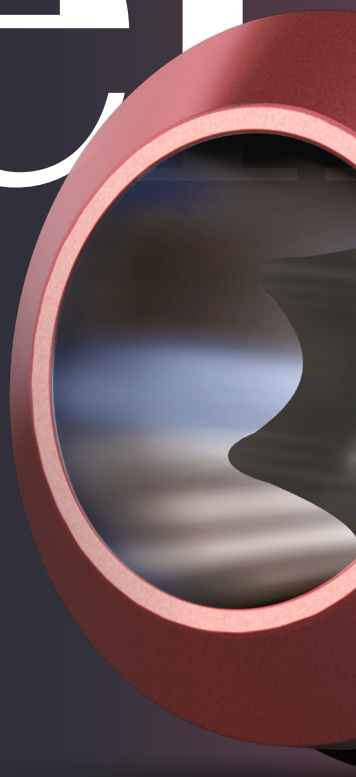

The Aesthetic Solution

The GENESIS ACTIVE™ Implant System, a state-of-the-art surgical solution with a comprehensive, highly innovative restorative portfolio, is backed by over a decade of science. AnaTite™ and BioSpark™ surfaces deliver clinically proven aesthetic results with high primary and secondary stability. The GENESIS ACTIVE™ is a complete system designed for all implant patients and indications, including immediate implant placement and temporization.

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Advanced Biological System

Designed for Marginal Bone Preservation

Proven Cutting-Edge Surface Treatments

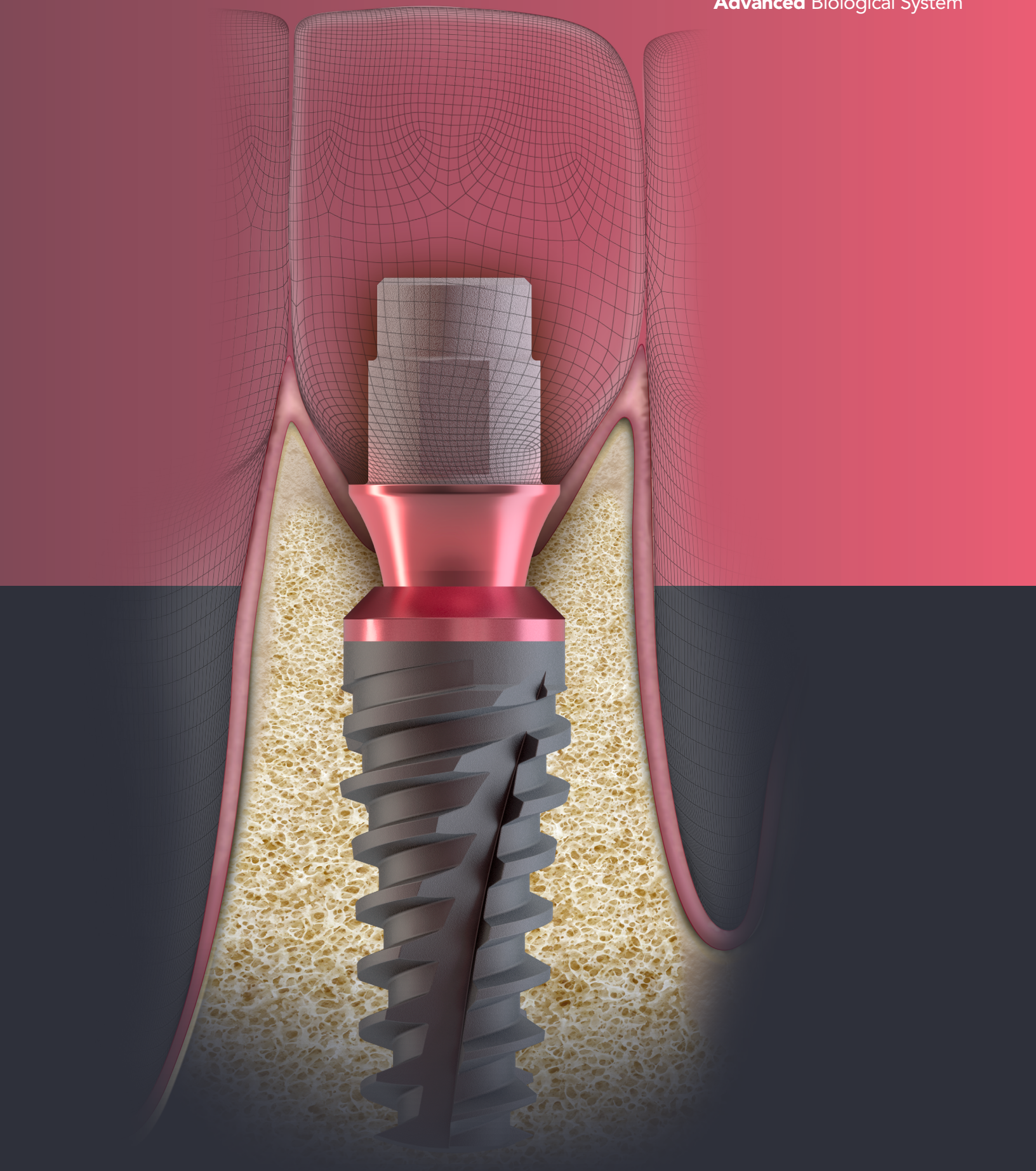
AnaTite™ is a gradual pink anodization process on the coronal aspect designed to emulate the hue of natural soft tissue. The BioSpark™ surface covers the remainder of the implant body, promoting bone growth and fast osseointegration, making it beneficial for immediate load protocols.

Secure Implant to Abutment Interface

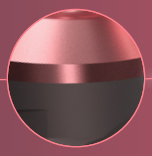
The conical connection creates a seal against bacteria while offering high mechanical strength and platform switching to optimize bone preservation and healthy soft-tissue.[1,2,3]

Innovation for Long-Term Aesthetics

The unique restorative options facilitate enhanced flexibility combined with pink concave emergence profiles, which improves soft-tissue aesthetics and volume.



GENESIS™ ACTIVE



Dual Surface Emulates Biology

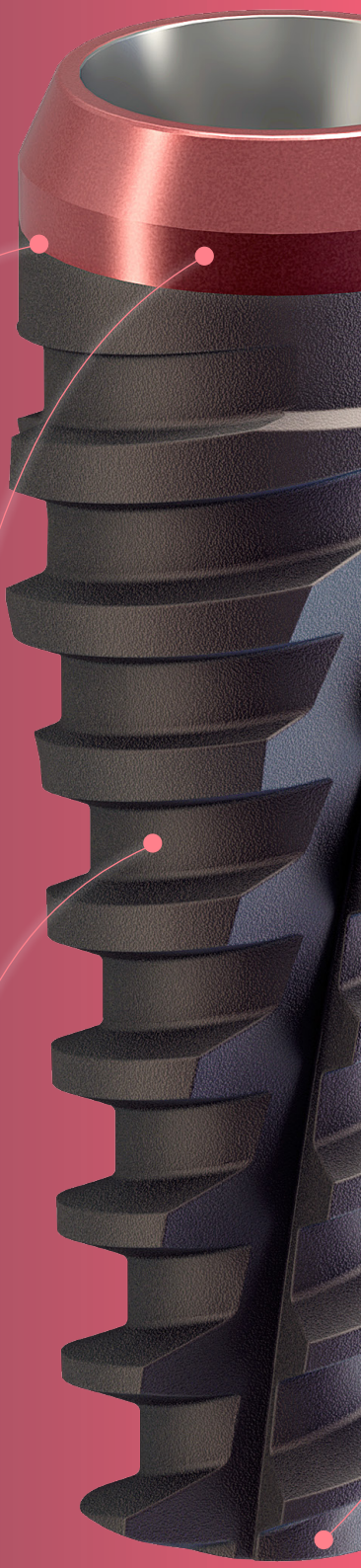
The combination of the AnaTite™ -treated collar and the scientifically engineered moderately rough topography of the GENESIS ACTIVE™ implant body stimulates soft-tissue and bone ingrowth.

AnaTite™ Enhances Gingival Aesthetics

Pink anodization blends with the natural soft-tissue color while maintaining bone levels and enhancing the mucogingival seal.

BioSpark™ Mimics Natural Bone

A three-step anodic spark deposition process produces a hydrophilic-, calcium- and phosphorus-enriched surface that mimics bone properties.



Conical Connection with Platform Switching

Offers a tightly sealed conical interface while providing precise implant positioning with its engaging feature. Designed for high mechanical strength and platform switching to optimize bone preservation and soft-tissue preservation.[1,2,3]

Designed for High Primary Stability

Tapered Implant Body

The tapered implant body with double-lead and variable threads from the connection to implant apex secures high stability.

Aggressive Variable Threads

Aggressive cutting threads promote primary stability, and allow for bone anchoring in indications such as immediate loading, poor bone quality, and extraction sockets.

Active Apex

The active apex with enhanced cutting threads enables directional adjustments, providing optimal restorative orientation.[4,5]

AnaTite™

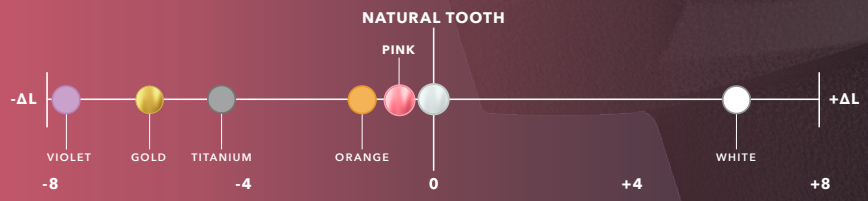
Improved Soft-Tissue Aesthetic Results

AnaTite™ is a gradual pink anodization designed to mimic the lightness and purity of natural soft tissue.[6] Multiple studies confirm the long-term advantage of pink-colored implants and prosthetic components over traditional titanium.[7,8,9]

Proven Clinical Significance of Pink

"Using a pink-neck implant and a pink abutment would contribute positively to the overall esthetic outcome for an anterior implant."

8. Gil MS, Ishikawa-Nagai S, Elani HW, Da Silva JD, Kim DM, Tarnow D, Schulze-Späte U, Cleber S, Bittner N. Comparison of the Color Appearance of Peri-implant Soft Tissue with Natural Gingiva Using Anodized Pink-Neck Implants and Pink Abutments: A Prospective Clinical Trial.



Adapted from Ishikawa-Nagai S, Da Silva JD, Weber HP, Park SE. Optical phenomenon of peri-implant soft tissue. Part II. Preferred implant neck color to improve soft tissue aesthetics.[10]

Enhanced Soft-Tissue Seal

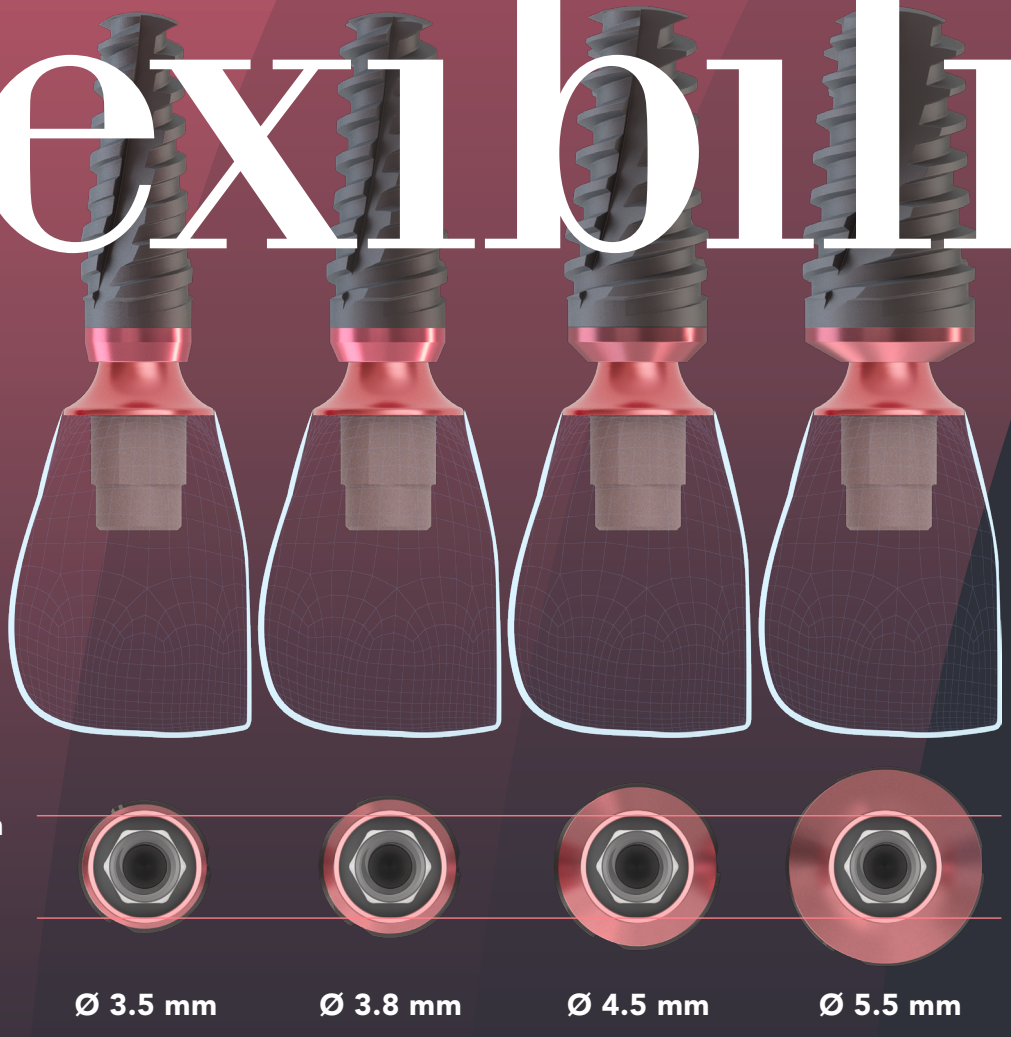
The anodization process has been shown to align collagen fibers perpendicular to the implant surface, enhancing the mucogingival seal and aesthetics.[11,12,13]

BioSpark™

Macro Micro Nano Hydrophilic Surface

Hydrophilic, macro-, micro-, and nano- rough surface mimic natural bone, and the increased surface area is enriched with calcium and phosphorous ions to enhance osteogenesis. The BioSpark™ surface promotes bone growth and fast osseointegration, making it beneficial for immediate load protocols.[14,15,16,17] The surface properties of BioSpark™ preserve hard and soft tissue.[18,19,20,21]

Restorati
Flexibili



One Connection
Four Implant Diameters

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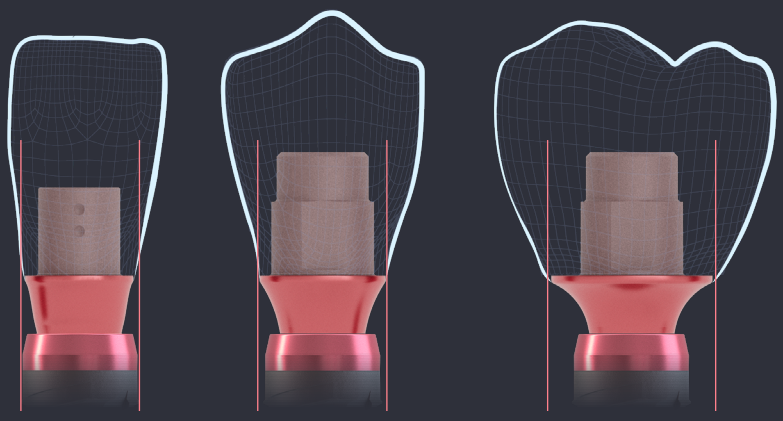
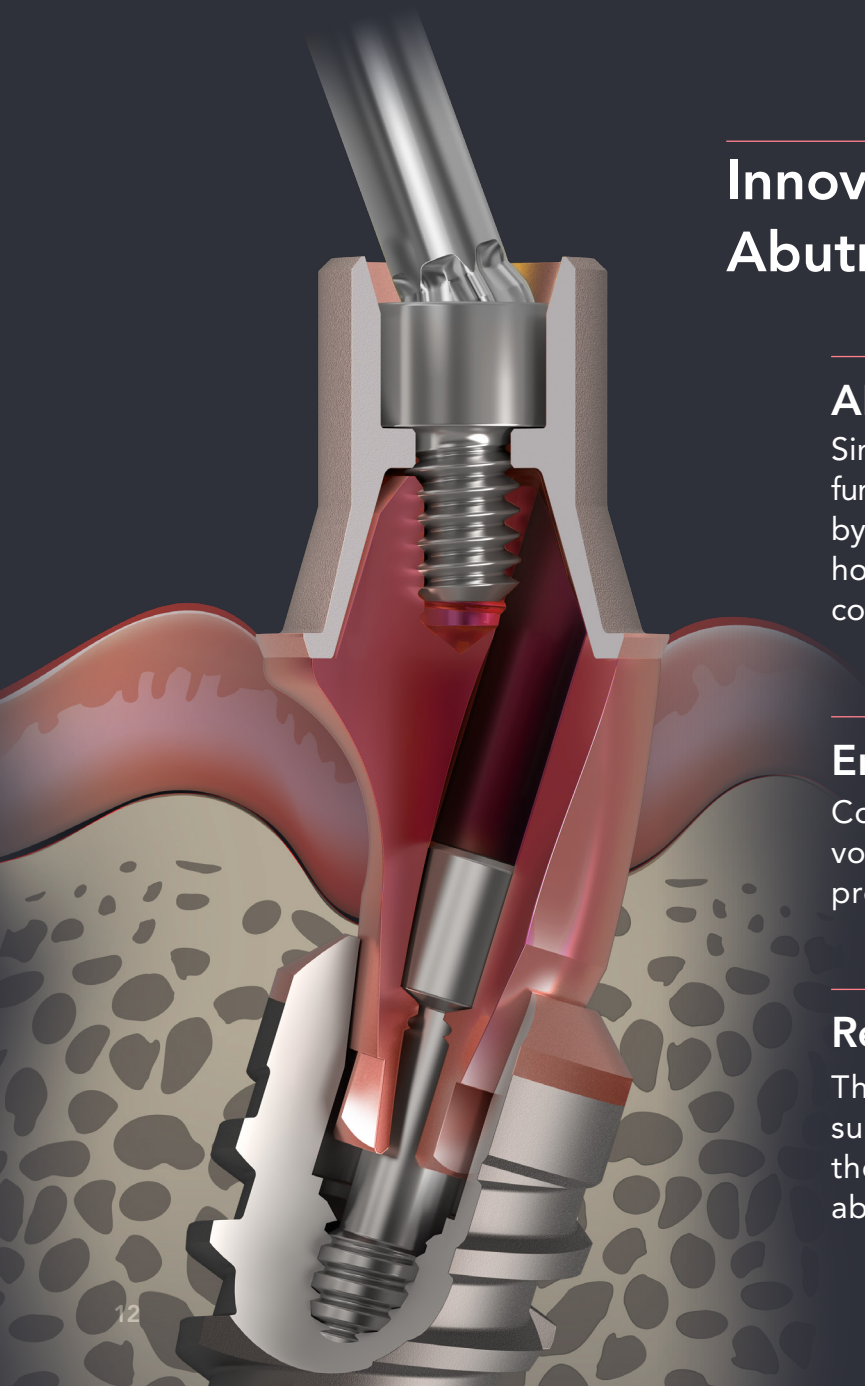


Emergence Profile Diameters

One Connection
Three Emergence Profiles
Multiple Restorative Platforms

The prosthetically driven concave profile design on all prosthetic components increases soft-tissue volume and improves blood supply, thus supporting an optimal emergence profile.[22,23,24,25] The three emergence profiles facilitate highly aesthetic restorations that follow natural tooth contours.

Premium Prosthetics



Innovative Multi-Unit Abutment Solutions

ANGLEBase® MUA

Simplifies and improves aesthetic and functional multi-unit restoration design by allowing the prosthetic screw access hole to be placed from 0° to 25° of angle correction in a 360° radius.

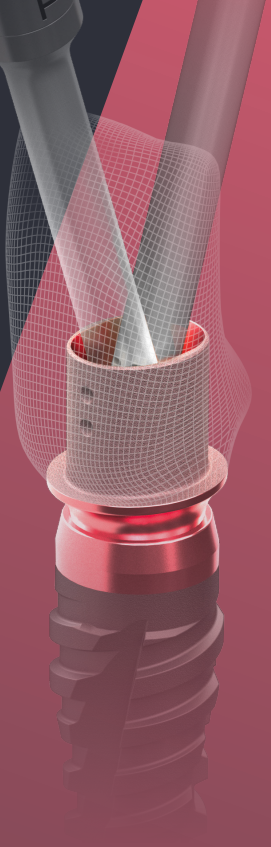
Enhanced Profile Design

Concave design improves soft-tissue volume thereby enhancing emergence profile aesthetics.

Reduced Bone Profiling

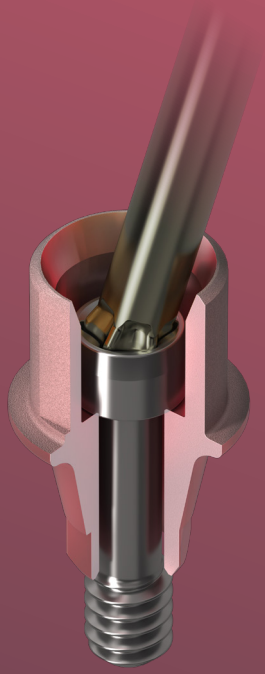
The innovative multi-unit abutment subgingival contour design reduces the need for bone milling and simplifies abutment seating.

Angle Correction Solutions



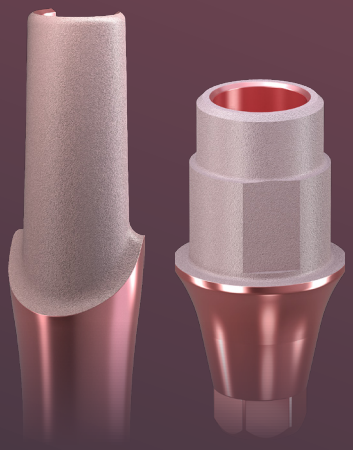
ELLIPTIBase® Abutment

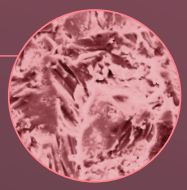
The innovative premium solution for areas of limited interdental space, such as mandibular incisors. In addition, it offers up to 20° angle correction for a screw-retained solution without compromising strength and material.



ANGLEBase® Direct to Implant Connection

Simplifies aesthetics and functional restorative outcomes in single tooth and multiple-unit restorations by allowing the abutment screw access hole to be placed from 0° to 25° of angle correction in a 360° radius.





SelectGrip® Improves Restorative Adhesion

A new and innovative surface treatment applied to the cementation area of the abutment allows for improved adherence to the final prosthetic components. Verified up to five times greater adhesion of cemented components compared to untreated abutment surfaces.

Surgical Simplici

Improved Surgical Kit with DLC Coated Drills

The surgical kit is grommet-less for ease of cleaning and sterilizing. Diamond-like carbon (DLC) coated surgical drills provide an increase in surface hardness and reduces friction while the matte finish improves visibility of depth markings.

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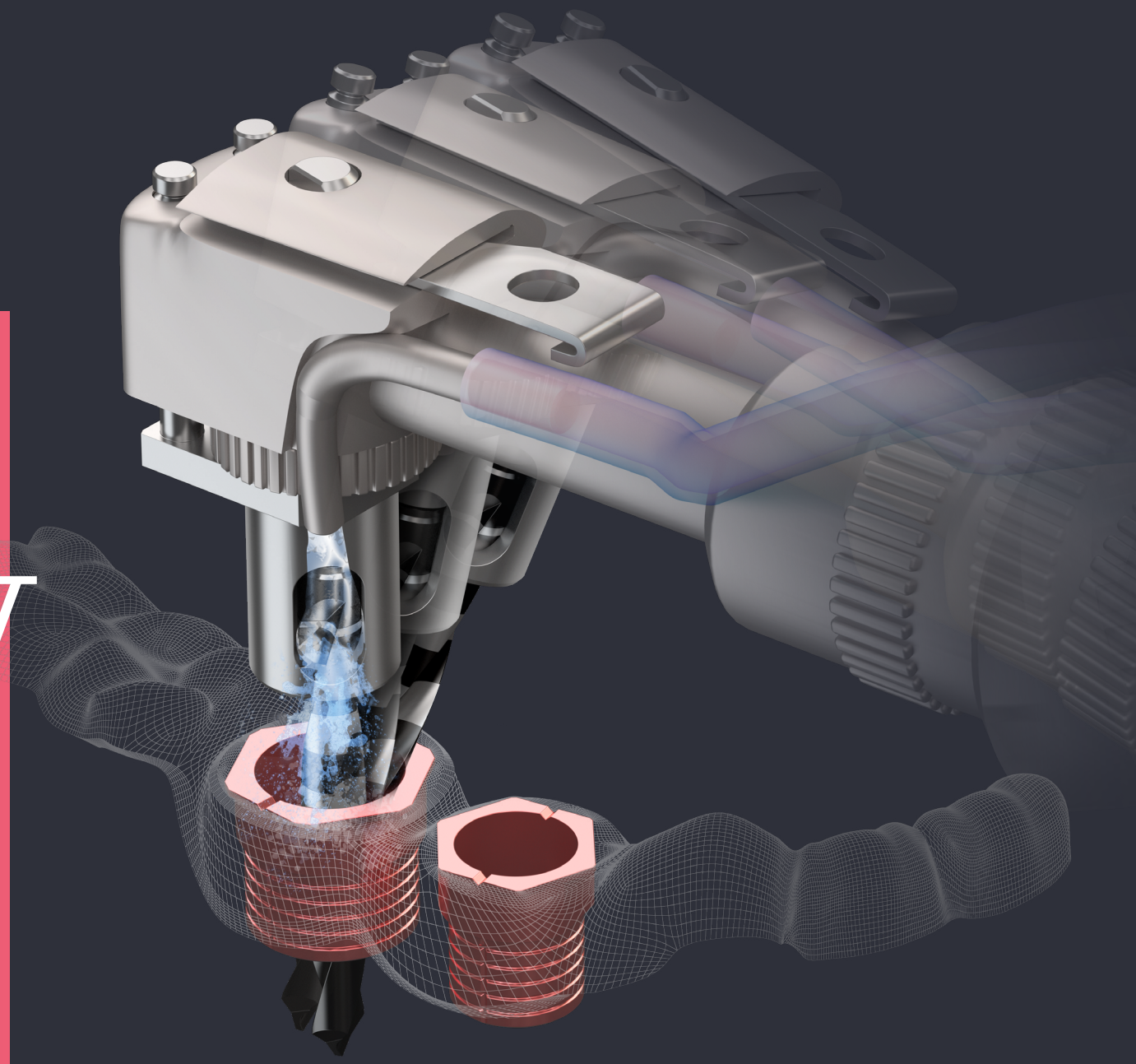

Guided Surgical Innovation

The pioneering Digital Guidance Sleeve (DGS) engages into the handpiece and eliminates the need for drill guide keys. Increased entry-angle flexibility allows for access in limited-posterior interarch spaces. The DGS system design protects the osteotomy from inadvertent metal shavings while allowing for copious direct irrigation.

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AMERICAN CANCER SOCIETY

Keystone Dental makes a charitable donation to the American Cancer Society for every Genesis implant sold.

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