



Varying Thread Design

The C1 implant offers a variable thread design, with bone condensing thread geometry at the area of the implant's neck, and bone cutting thread geometry at the area of the implant's apical section. This unique geometry enables moderate compression of the bone at the crestal area which enables gaining mechanical stability. Compartments created between the threads at the apical 1/3 are filled with blood and bone particles, enabling rapid bone growth.

Surface Treatment

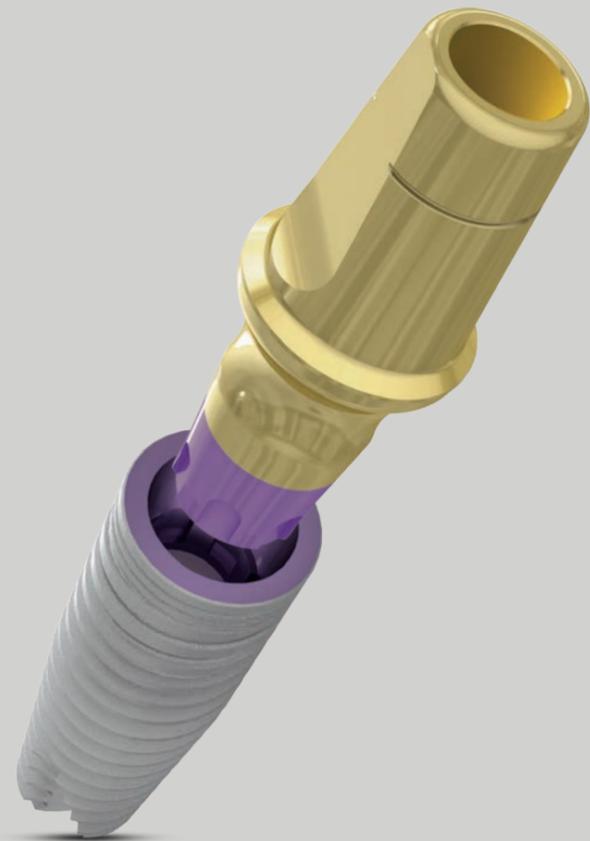
C1 implants are sand-blasted and acid-etched. These surface treatments increase the implant surface area by creating both micro and nano-structures and eliminating various surface contaminants. The surface of MIS implants was found superior in its purity compared to other implant systems by two independent researches, as published in the POSEIDO Journal and in EDI Journal.

MIS | MAKE IT SIMPLE

MIS | C1
CONICAL CONNECTION



The C1 implant system is an advanced implant design that offers a unique combination of surgical and restorative benefits, including a dual thread design to ensure superior initial stability in different clinical situations, platform switching and a conical connection with an anti-rotation index. Each C1 implant comes with a single-use final drill to ensure a safer and more accurate drilling procedure.



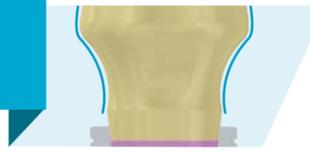
Advantages

All C1 implants, superstructures and tools are color-coded for simple and immediate identification of the platform size.



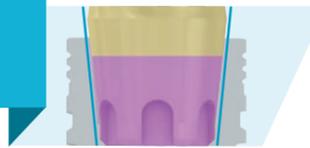
Prosthetic options

A broad range of MIS conical connection prosthetic components presents uncompromising accuracy; a consistent concave emergence profile for excellent soft tissue results; golden shade to support high esthetic results; color coding for simple and immediate platform identification.



Conical connection

Featuring a 12-degree conical connection that ensures a secure fit between abutment and implant, the C1 minimizes micro-movements reducing bone loss at the crestal level. A 6-position cone index within the conical connection helps orient the implant during insertion, and provides proper positioning of the abutment.



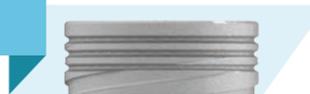
Platform switching

The C1 platform switching system keeps the implant-abutment connection away from the bone, minimizing bone resorption. Platform switching additionally allows more vital growth of the soft tissue.



Micro-rings

Micro rings (0.1x0.3) on the implant's neck improve the BIC (Bone to Implant Contact) at the crestal zone.



Dual thread

The C1 dual thread design increases the BIC (Bone to Implant Contact) over the entire body of the implant. The dual thread doubles the implant insertion rate (1.50mm), facilitating a simpler and faster implant placement. The self-tapping design and mild bone compression properties enhance primary stability.



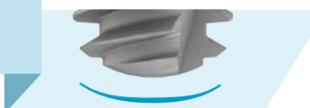
Conical shape

With its conical, root-shaped geometry and a unique thread design, C1 ensures superior primary stability and offers the ultimate choice for a wide range of clinical cases and loading protocols. Its root-shaped design makes C1 ideal for narrow spaces, restricted by adjacent teeth or implants.



Two spiral channels and domed apex

The C1 features a domed apex, providing a high tolerance and safe procedure during insertion. Two cutting blades at the implant apex establish the self-tapping properties that support a simpler, safer and faster procedure.



Conical Connection Surgical Kit

The innovative Conical Connection Surgical Kit, is designed for simple and safe implant placement procedures. The kit presents a novel ergonomic design that follows the surgical drilling sequence. In addition, the kit includes a set of length-based pilot drills and color-coded visual cues of both implant diameter and restorative platforms and is suitable for both C1 and V3 implants

