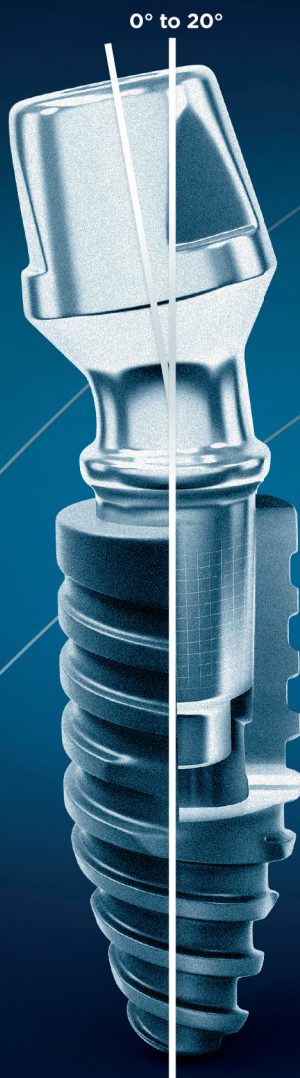




# Arcsys

MT IMPLANT SYSTEM

The smart system that  
**revolutionizes implantology**

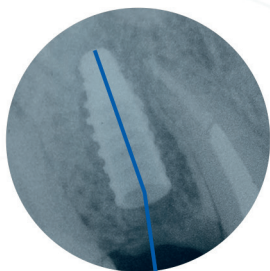


**FGM** IMPLANTS

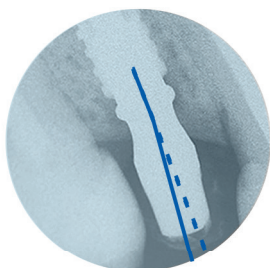
# The incredible possibility of folding the prosthetic component **in your office**

The Arcsys Implant System brings the exclusive technology for folding prosthetic components by up to 20°. Innovation that allows the best surgical and prosthetic planning.

**See the results of the Implant and Prosthesis in the ideal position:**



Implant installed. Note the divergence between the surgical and prosthetic axes.



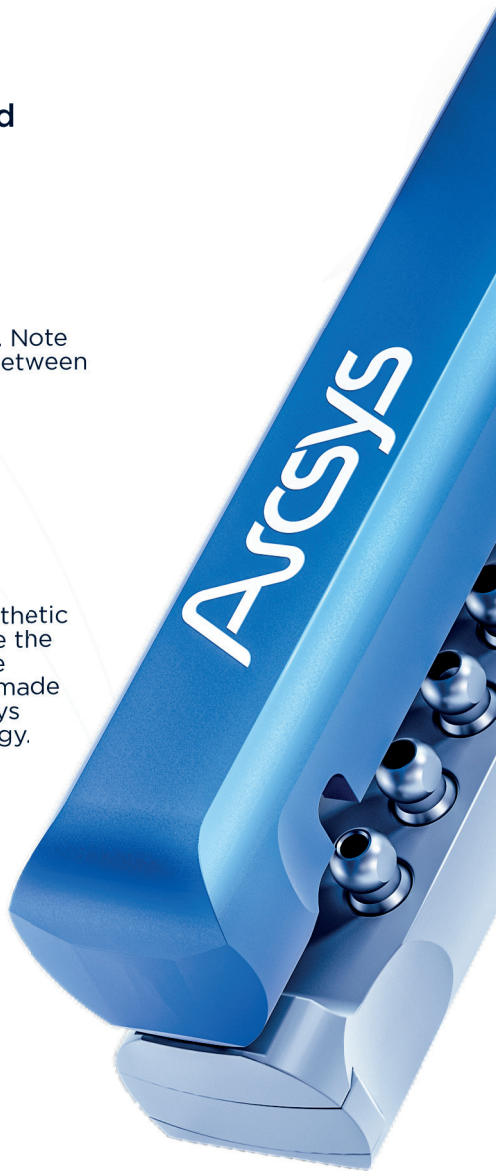
Customized prosthetic component. Note the refinement of the prosthetic shaft made possible by Arcsys System technology.

**Author:** Prof. MSc. Rafael C. Cecato

## Short Implants



Short implants stand out for their safety and versatility in areas with **restricted bone bed length.**

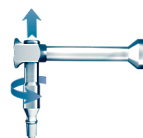


# Versatility with extractor drivers

With development of Extractor Drivers, the Arcsys system's Morse reversibility has been simplified, adding versatility gains also in the activation process.

## Discover the possibilities associated with extractor drivers:

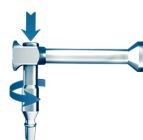
Removal of prosthetics components



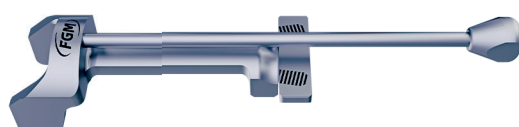
Transport, insertion and adjustment of the components position



Activation of prosthetic components



## Precision and safety in your hands



The Frictional Activation Tester makes it possible to check activation of frictional components, ensuring greater mechanical reliability of the implant connection and Arcsys prosthetic components.

**An exclusive device developed by FGM. Interchangeable with any model of extraction driver.**

“ This is the newest and most useful application for drivers. With it, higher insertion torques can be obtained with the same feeling as "tightening a screw". **The drivers, in combination with the Frictional Activation Tester become a very useful tool, which adds greater activation options, in addition to the Arcsys Abutment Placement Tool.**”

**Sr. Friedrich Mittelstädt**  
CTO FGM Dental Group

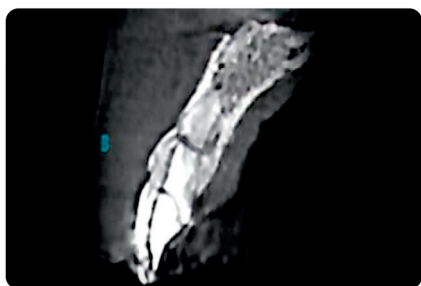
# Clinical longevity of **Arcsys Frictional Morse Taper**

The system that revolutionized implantology amazes every day even more with its superior clinical and scientific results.

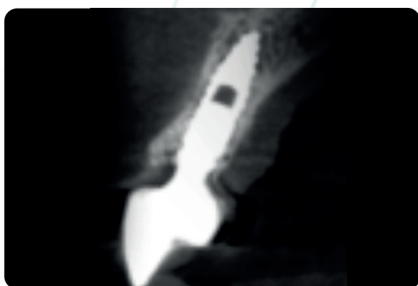
## **PRESERVATION OF GINGIVAL ARCHITECTURE**

**Author:** Prof. Dr. Bernardo Passoni  
**Follow-up: 4 years and 3 months**

**Author's note:** The lack of micromotion provided by the frictional Morse Taper maintained the tissue architecture stable and rehabilitation predictable.



**1.** Initial tomography of fractured element.



**2.** Completely bone-encased implant under tomographic follow-up.



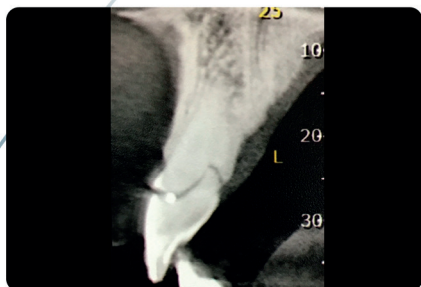
**3.** Clinical follow-up showing peri-implant stability of the frictional connection.



## PERI-IMPLANT TISSUE STABILITY

**Author:** Prof. MSc. Thiago Gemeli  
**Follow-up:** 5 years

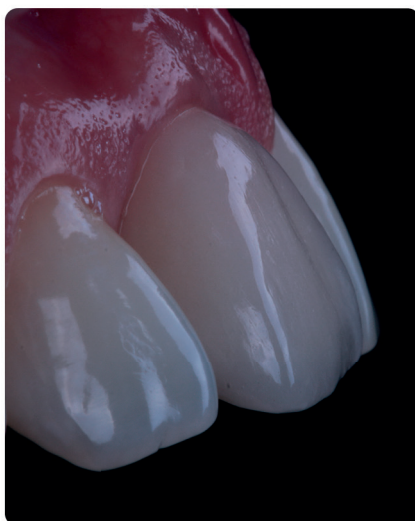
**Author's note:** The Arcsys System's peri-implant stability allows obtaining unique results, mainly in cases of high aesthetic demands.



1. Initial tomography.



2. Tomographic follow-up at 3 months.



3. High aesthetics peri-implant with tissue architecture preservation after 5 years.

## BONE MAINTENANCE AROUND PROSTHETIC COMPONENTS

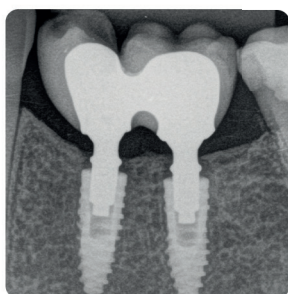
**Author:** Prof. MSc. Rafael C. Cecato

**Follow-up:** 6 years

**Author's note:** Stability of the peri-implant bone tissue is a direct result of the seal provided by the system's connection.



1. Initial tomography.



2. Bone maintenance on the component's platform.



3. Six-year clinical follow-up



# ■ DIGITAL WORKFLOW

## Stay ahead with **this technology**

To facilitate the use of digital technology in prosthetic planning and fabrication flow, FGM makes available new product families to be used in conjunction with the Arcsys and Vezza implant systems.

### **Friccional Coping**

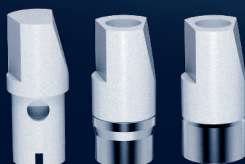
An Arcsys System exclusive, combines the mechanical benefits of the cemented prosthesis with the reversibility of the screw-retained prosthesis, and even eliminates the use of cements.



Check out  
other **solutions:**



Digital  
analogues



Intra and extraoral  
scan body



Metallic links



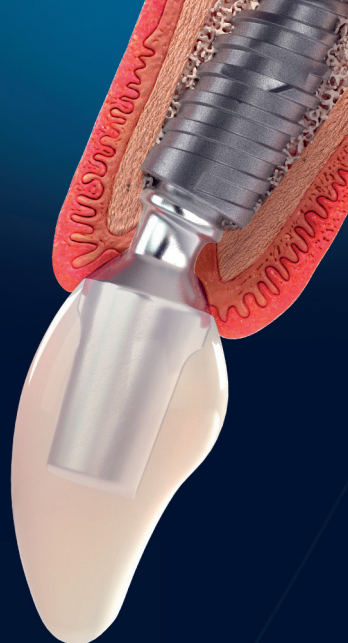
Titanium bases



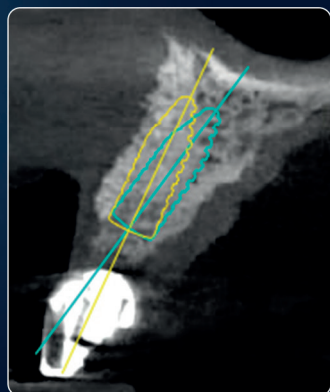
**Arcsys** GUIDED SURGERY

# Precision and planning from start to finish

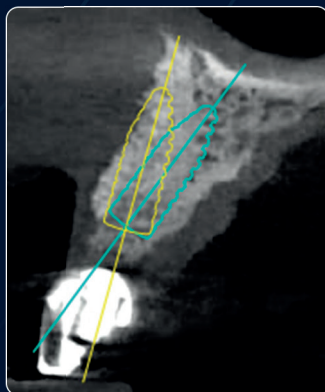
Count on all the Arcsys System's enhanced benefits along with the Guided Surgery's high precision to obtain superior aesthetic-functional results with greater comfort, efficiency and safety in the procedure.



Planning with  
**Cementable Prosthesis**



Planning with  
**Screw-retained Prosthesis**



Planning with Arcsys Guided Surgery and Arcsys Foldable Components: **better implant and prosthesis positioning.**

Planning with conventional systems: **search for the best prosthetic positioning.**



# Greater comfort for your patient, **in less time!**

## **Innovative Geometry**

Self-control throughout surgical preparation.



## **Stability**

Avoid vibrations while drilling.



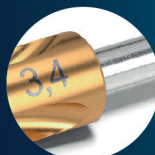
## **Active tip**

Works as an initial drill: stability at beginning and during perforation.



## **Material**

Grade steel with TiN (Titanium Nitride) coating, offers superior surface hardness, less friction and greater durability.



## **Installation safety**

Visual or mechanical depth control (drill stops).



## **Side channels**

Irrigation throughout the full length of the drill and bone tissue collecting capacity.



## **POSSIBILITY OF SINGLE DRILLING**

The unique characteristics of Arcsys Drills allow drilling in a single step, saving time when compared to traditional scaling. However, whenever the condition of the implant site demands it or if the professional prefers it, the drilling can be scaled with the same available drills.



# Check out **FGM solutions** around the world

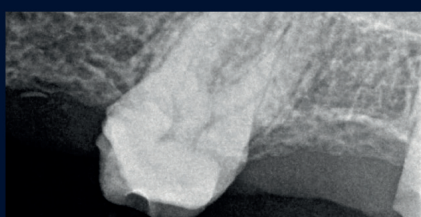
**Dr. Edwin Ruales**



"Arcsys quality and technology are clearly superior to any other implant system in the world. The absence of bacteria and micromovements, as well as the unique possibilities of folding and customization, make Arcsys my preferred tool when it comes to offering health, function and aesthetics to my patients".

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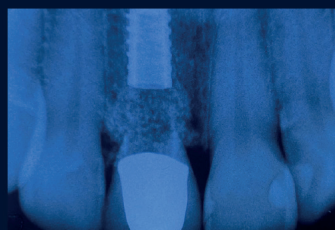
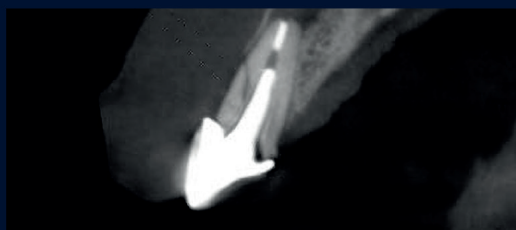
**Dr. Juvenal Patriarca**



The Arcsys System's "short" implants are very reliable solutions for areas with limited bone height. I have no qualms about using them, even for single cases".

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**Dr. José Mena**



"Using the Arcsys Frictional Morse Taper system means feeling safety, confidence, simplicity, longevity and, above all, quality, since the system has its macrogeometry, surface and connection with a unique quality for any clinical case".



## Transforming smiles



### **+400 products**

With a team of professionals and researchers, FGM offers a complete portfolio.



### **+100 countries with FGM Esthetics and +20 countries with FGM Implants**

FGM goes beyond borders and is present in more than 100 countries, being the sales leader in several of them.



### **+50 thousand professionals**

Sharing knowledge and experiences in approximately 2,000 courses held.

CLICK **HERE**

and check out more about the various **Arcsys System solutions**.



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