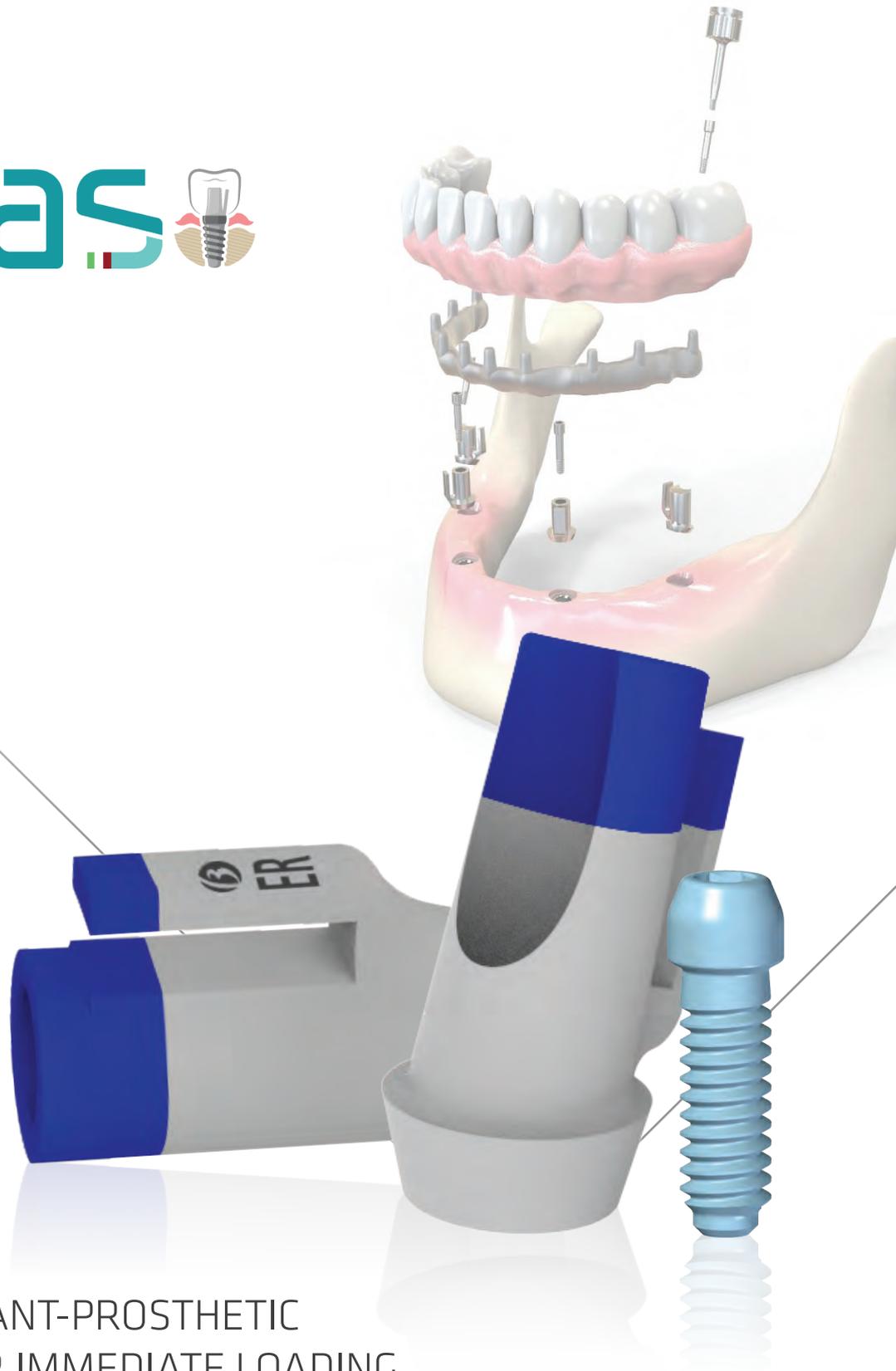


STRUCTURE ON DENTAL IMPLANTS  
FOR IMMEDIATE LOADING IN THE EDENTULOUS ARCHES

**btk**  Implanting Trust,  
Smile Again!

**mipas**   
METHOD



THE NEW IMPLANT-PROSTHETIC  
TECHNIQUE FOR IMMEDIATE LOADING  
STABLE, FAST AND SIMPLE

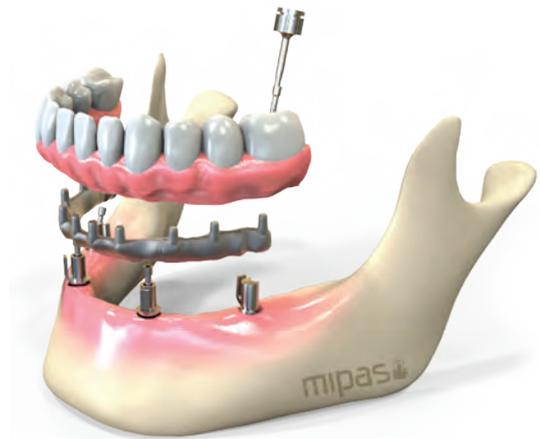
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## METHOD



The MIPAS technique (Metodical Immediate Passivation and Solidarization) proposes, through the use of special straight and angled abutments, the passive and rigid solidarization of dental implants through splinting with a loss-wax casted bar, glued on the prosthetic components.

**The MIPAS method, which can be used in immediate loading prosthesis procedures, guarantees a stable splinting of implants, without structural tensions and with the essence of micro-movements. MIPAS therefore aids primary stability at the implant level by reducing fibro-integration processes in favor of osseointegration processes.**

The adoption of few prosthetic components, easy to use and of high quality, as well as the creation of a bar for example through loss-wax casting processes, guarantees the simplicity of use of the technique with low cost. The bar can be casted, produced through a digital CAD-CAM flow or simply created starting from commercial bars / wire through appropriate modelling step and subsequent gluing process.

The MIPAS abutments are made of Titanium Gr5 in order to guarantee maximum mechanical performance. BTK offers a simple solution consisting of a straight abutment and an angled 15 ° abutment, both non-engaging and compatible with ER-type external hexagonal implant connections.

### ADVANTAGES

1. **EASY TO USE AND FLEXIBILITY**
2. **QUICK AND RELIABLE SOLUTION**
3. **STABLE AND SAFE**
4. **CONTENT COSTS**
5. **MAXIMUM COMFORT FOR THE PATIENT**

## MIPAS COMPONENTS

	CODE	PRODUCT	DESCRIPTION
	224ER2A0*	<b>STRAIGHT ABUTMENT ER</b>	H2mm Ø5mm Rotating
	224ER2D0*	<b>ANGLED ABUTMENT ER</b>	15° H2mm Rotating
	690NA013	<b>RETENTIVE SCREW</b>	M2 HEX1.20

\* product provided with relative retention screw.

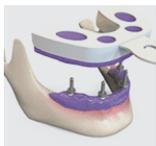
## INSTRUMENTAL

	CODE	PRODUCT	DESCRIPTION
	530HS004	<b>HANDPIECE DRIVER</b>	HEX1.20 L25mm
	530HS005	<b>HANDPIECE DRIVER</b>	HEX1.20 L30mm
	530JD004	<b>SCREWDRIVER JD</b>	HEX1.20 L10mm
	530JD005	<b>SCREWDRIVER JD</b>	HEX1.20 L15mm
	530JD006	<b>SCREWDRIVER JD</b>	HEX1.20 L20mm
	530JD007	<b>SCREWDRIVER JD</b>	HEX1.20 L30mm
	501JD003	<b>TORQUE WRENCH JD, REVERSIBLE</b>	90Ncm

## WORKFLOW MIPAS TECHNIQUE



- 1.** Placement of the implants in a variable number from 4 to 6.



- 2.** Place the pickup transfer and complete the procedure to take the impression using a resin tray.



- 3.** Production of the main model starting from the impression took, assembly the models in the articulator in occlusion and choice of the MIPAS abutments to cancel the disparallelism between implants.



- 4.** Prepare the anatomic bar using wax or resin.



- 5.** The bar is melted and adjusted to the abutments in order to create a passive placement.



- 6.** After the bar is matted troughs sandblasting, bond the bar to the abutments by using an anaerobic composite cement.



- 7.** Mattification of the components using a coloured opaque.



- 8.** Formation of the prosthesis with resin then proceed with the occlusion controls by means of the main model in the articulator.



- 9.** The prosthesis is finished and polished.



- 10.** Prosthesis ready to send to the dental surgery to be applied on the patient.

# STRUCTURE ON DENTAL IMPLANTS FOR IMMEDIATE LOADING IN THE EDENTULOUS ARCHES



## THE AUTHORS OF MIPAS TECHNIQUE



### MAURIZIO PIARULLI

Dr. Maurizio Piarulli is a dentist who earned the diploma dental technician in 1991. From 1992 to 2005 he owned a dental lab, mainly dealing with prostheses on implants and combined prosthesis. In 2005 he graduated in "Odontoiatria e protesi dentaria" (dentistry and dental prosthesis) at University of Bari "Aldo Moro". Owner of a dental office, he mainly deals with surgery and dental prosthesis. He earned a master at "New Jersey Dental School" University of Medicine & Dentistry of New Jersey with a thesis titled "Advanced techniques and biological aspects in implantology". He attended several courses and a master in total prosthesis with professor Vito Milano, with whom he collaborated to the writing of the book "Total prosthesis – gnathologic aspects" published by EDI ERMES. He is a lecturer and a tutor in national congresses and in opinion leader companies in the field of implantology. In 2016, he earned a perfection in oral surgery at University of Chieti "Gabriele D'Annunzio".

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### GAETANO MASTRAPASQUA

Mastrapasqua Gaetano, a dental technician graduated from IPSIA L. Santarella in Bari in 1979, deals with metallurgy, combined prosthesis with connections milling, and especially prosthetic implant. Since 1982, he is the owner of a dental laboratory in Gioia del Colle (BA); from 1990 to 1995 he was a metallurgy consultant for leading companies such as Nobil Metal and Franco Swiss Italia. In 2009 Mastrapasqua published a manifesto at the 16th Italian National Congress of Dentistry, titled "Riabilitazione di mandibole atrofiche con overdenture, Rehabilitation of atrophic mandibles with overdentures, milled bar and counter milling vs implants with ball connections at "Sapienza University of Roma" by Prof. A. Scarano.

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## BTK PERSONAL TUTOR

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We constantly ensure that the quality of our products and services meet the high expectations of our customers and their patients.

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For more details about the MIPAS method  
visit the website [www.metodicampas.it](http://www.metodicampas.it)



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