

IMPLANTOLOGY

# PHI EVO MCA GOLD



Surface  
**MAC**



## IMPLANT EVO MCA

Conometric (6°) internal hexagon Titanium Grade 5 (Ti6Al-4V) implant for the submerged technique, available in one surface variant, sandblasted, acid-etched, fully coated with Titanium Nitride (TiN).

The cone-morse connection is the most versatile prosthetic coupling mechanism today, both for screwed and cemented prostheses.

The morphology of the EVO MCA implant with its barrel-shaped body and radiused coronal part (30°), the self-centring coils with 0.5 mm pitch, allows atraumatic implant insertion for the patient.

**The EVO MCA implant offers the following advantages:**

- **ATRAUMATIC SURGERY**
- **PRIMARY HEALING**
- **UNIQUE PROSTHETIC CONNECTION FOR ALL DIAMETERS**
- **6° CONOMETRIC CONNECTION**
- **PLATFORM-SWITCHING WITH TWO EMERGENCE PROFILES OF THE PROSTHETIC COMPONENTS**
- **TITANIUM NITRIDE (TiN) COATING OF THE ENTIRE SURFACE**
- **CAD-CAM PROSTHESIS**

Short implants are an alternative to bone regeneration in patients with atrophic ridges or atrophy of the jaws and represent an alternative to bone regeneration techniques using bone of synthetic or animal origin, e.g. the patient does not accept bone grafts, for economic reasons, fear, religious reasons, etc.

**Technical selections:**

The short implant is made of Titanium gr. 5 (Ti 6Al-4V), sandblasted down to the micro-machined collar, an acid-etched treatment (Sandblasted Large-grid and Acid-etched known by the acronym SLA) is applied to the surface, the implant is then fully coated with Titanium Nitride (TiN).

**Utilizzo:**

The short implants are submerged, non-protocol implants (this should be taken into account due to the reduced life expectancy of the device compared to conventionally sized implants), useful in cases of particularly atrophic ridges and small bone spaces, they should only be used in combination with at least one or more standard implants, do not use for single or ALL-ON-4!!!



**IMPLANT EVO MCA GOLD**

	● Ø 3,5 mm	● Ø 4,0 mm	● Ø 4,5 mm	● Ø 5,0 mm
Single height H.5.3		PHVSMCO	PHVSMDO	PHVSMEO



**SCREW CAP EVO MCA** (universal for all implant diameters)

PHVVG4B	The screw is included in the implant package, housed in the ampoule cap.
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**STEP MILLING DRILL EVO MCA**

	● Ø 3,5 mm	● Ø 4,0 mm	● Ø 4,5 mm	● Ø 5,0 mm
H.5.3 mm	PHVFRBO	PHVFRCO	PHVFRDO	PHVFREO



**REAMERS EVO MCA**

	● Ø 3,5 mm	● Ø 4,0 mm	● Ø 4,5 mm	● Ø 5,0 mm
H.5.3 mm		PHVALCO	PHVALDO	PHVALEO

**EVO MCA**  
**SURGICAL**  
**SEQUENCE**

**NOTE**

The first notch corresponds to the height of the implant;  
The second notch is the recommended depth for sinking the implant (1.2 mm);  
The next notches serve as a reference when sinking;  
Step drills have an extra tip (0.55 mm) above the implant height.



**INITIAL DRILLS**

DESCRIPTION	CODE
Corticotomy drill	FI
Probe drill	PHVFR1C



**STOP FOR PROBE DRILL**

DESCRIPTION	CODE
Stop for probe drill H.5.3 mm	PHVSFS05



**EXTENSION**

DESCRIPTION	CODE
for drilling procedure	PF

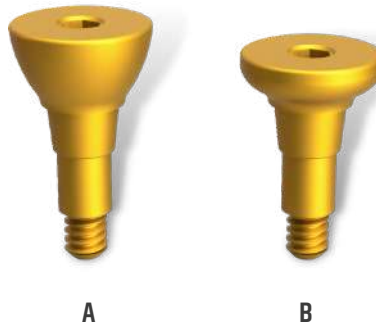
## EVO MCA MUCOSAL CONDITIONING

### TWO EMERGENCY PROFILES

Healing screws come in two different configurations (low and high) with two alternative emergence profiles to meet different aesthetic and functional requirements.

Low (1 mm switching-platform)

High (2,5 mm switching-platform)



## HEALING SCREWS EVO MCA

	● Ø 3,5 mm	● Ø 4,0 mm	● Ø 4,5 mm	● Ø 5,0 mm
HIGH		PHVVG40A	PHVVG45A	PHVVG50A
LOW		PHVVG40B	PHVVG45B	PHVVG50B

## EVO MCA PROSTHETIC COMPONENTS

Once the short implant has been inserted and the osseointegration phase has been completed, there are two ways to proceed:

### DOES THE CUSTOMER NOT HAVE AN INTRAORAL SCANNER?

For anyone wishing to proceed with the traditional method, the impression can be taken using the classic analogue and transfer pick-up method, Lancer will take the model at the surgery and send the impression directly to the laboratory with which we have an agreement; the laboratory, which is already equipped with a scan-body system, will take the digital impression on the model, and within 3 days will send us the customised prosthetic item, returning the impression to the customer's property; Lancer will send the work to the customer accompanied by the laboratory's certificate of conformity together with the sales invoice.

## EVO MCA LABORATORY ANALOGUE

● Ø 3,5 mm	● Ø 4,0 mm	● Ø 4,5 mm	● Ø 5,0 mm
PHVBICD-M			



## TRANSFER PICK-UP EVO MCA

	● Ø 4,0 mm
Transfer pick-up EVO MCA	PHVTPCA-M
Vite transfer pick-up EVO MCA (ricambio)	PHVTP1V-M



**EVO MCA  
PROSTHETIC  
COMPONENTS**

**DOES THE CUSTOMER HAVE AN INTRAORAL SCANNER?**

The customer sends Lancer the digital scan and instructions on the material chosen by e-mail. Lancer forwards the scans to the laboratory which will complete the customised prosthetic item within 3 working days of receipt. Lancer will send the work to the customer together with the laboratory's certificate of conformity and the sales invoice.



**SCAN-BODY EVO MCA**

DESCRIPTION	CODE
EVO MCA	PHVABS-B-M

**TI-BASE EVO MCA**

DESCRIPTION	CODE
For EVO MCA high (non-rotational)	PHVTBDA-M
For EVO MCA high (rotational)	PHVTBDA-RM
For EVO MCA low (non-rotational)	PHVTBDB-M
For EVO MCA low (rotational)	PHVTBDB-RM



**ANALOGUE CAD-CAM EVO MCA**

DESCRIPTION	CODE
for EVO MCA implants	PH VBI CC-M



**PREMILLED EVO MCA**

DESCRIPTION	CODE
for EVO MCA implants	PHVABPR-M

## EVO MCA IMPLANT DRIVERS

HIGH RATCHET	AVMIAM-M
MEDIUM RATCHET	AVMIM-M
CONTRA-ANGLE H. 12	AVCI12-M
CONTRA-ANGLE H. 24	AVCI24-M



## UNIVERSAL DIGITAL BEZEL

Ø 16 mm	GUD16
Ø 12 mm	GUD12



## SCREWDRIVERS HEXAGON Ø 1.27 mm

HIGH CONTRA-ANGLE	PH-27-25
MEDIUM CONTRA-ANGLE	PH-27-18
MANUAL ADAPTER	ADMA
Short hexagonal bit Ø 1.27 mm	AV 127 19C
Long hexagonal bit Ø 1.27 mm	AV 127 24C



## TORQUE RATCHET

RATCHET	CRID
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# EVO MCA EVO MCA SURGICAL TRAY

## SURGICAL KIT

Plastic box with removable inner tray, complete with all the surgical instruments necessary for the placement of EVO MCA implants.

The sequence of use of the surgical instruments is simplified by colour coding.

- Ergonomic, light and compact; easy to carry.
- Silicone supports prevent movement of the instruments during transport.
- Simple and intuitive design.
- Simplified and optimised cleaning thanks to removable, easily washable silicone holders, which can be replaced in the event of wear.
- Autoclaved at 121 °C with a minimum exposure time of 30 minutes and a drying cycle of 15 minutes.

The S box can contain no. 1 tray only and is complete with all the initial accessory equipment necessary for inserting PHI EVO MCA systems; the kit can be completed on request with the series of short keys.



## BASIC TRAY

- Probe drill
- Stop for probe drill (H.5.3 mm)
- EVO MCA step drill Ø3.5 - 4.0 - 4.5 - 5.0 H.5.3 mm
- EVO MCA reamer Ø4.0 - 4.5 - 5.0 H.5.3
- Hexagon screwdriver Ø1.27 mm (long)
- Implant pick-up device with contra-angle attachment (long)
- Implant pick-up device from ratchet (long)
- Universal digital bezel



**BASIC TRAY**

CODE

PHMC-C

**EMPTY BOX FOR 1 TRAY**

CODE

TS



## CONTACTS

Viale Edison, 14  
20090 Trezzano sul Naviglio  
(MI) Tel. + 39 024453401

info@lancerglobal.com

[www.lancerglobal.com](http://www.lancerglobal.com)