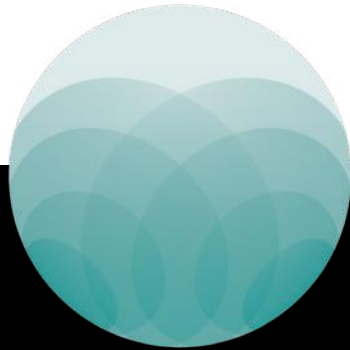




magnetic

M A L L E T



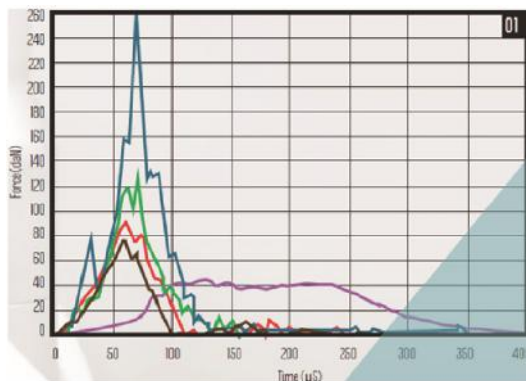
WHAT IS THE MAGNETIC DYNAMIC TECHNOLOGY?



1. 5.000G's of acceleration.
2. Magnetic-dynamic thrust.
3. Advanced electronic controller that allows the doctor to easily control the forces with the simple turn of a dial.

All this means that much more force is delivered just where the doctor needs it in a fraction of time as compared to using manual tools.

The graph shows the difference between the use of a hand mallet (purple line) and the Magnetic Mallet (blue line with standard handpiece at Force 4). It is 40 decaNewtons (Magnetic Mallet) applied in micro-seconds. It is force that allows the doctor to implement the procedures in a rapid, conservative and minimally invasive way. It doesn't cut or drill, it conserves the bone and does not increase bone temperature.



01: comparison of applied forces (daN/µs) : Magnetic Mallet Level 1, 2, 3, 4 VS Manual Surgical Hammer Tests conducted at CNR – Centro Nazionale di Ricerca – University of Milan – MIUR

01

CONSERVATIVE

It moves, replaces, re-shapes and condenses the bone. It never removes the bone, leaving soft tissues untouched.

02

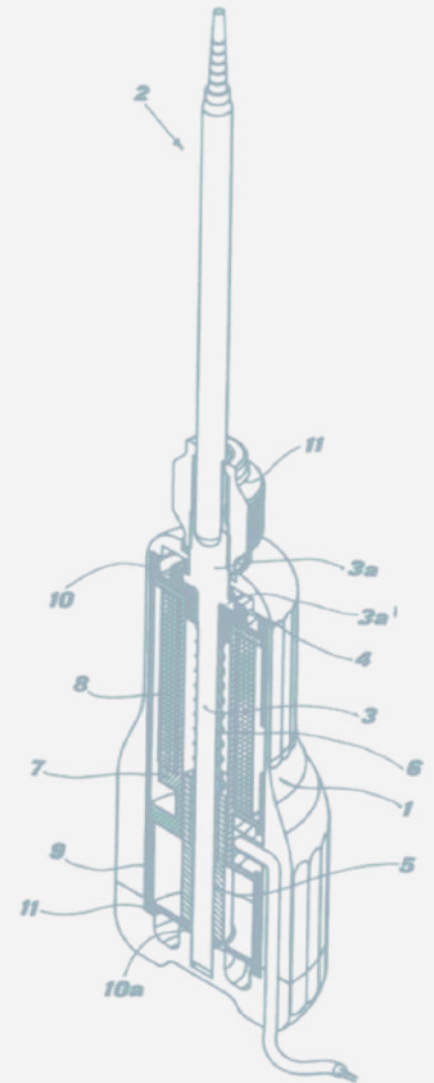
SPEED

The Magnetic-dynamic impulse delivers much more force than manual tools. This means increased effectiveness during a procedure.

03

PRECISION

The kinetic energy forces are delivered precisely to the treatment area limiting dispersion to the craniofacial mass. This level of precision provides more comfort for the patient during the procedure.

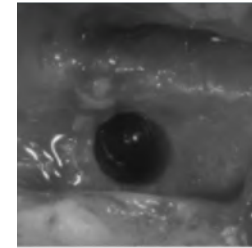


WHAT YOU CAN DO WITH THE

magnetic
M A L L E T



**CROWN
REMOVAL**



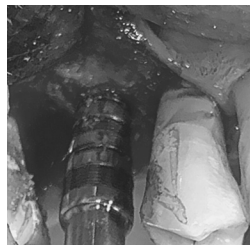
SINUS LIFT



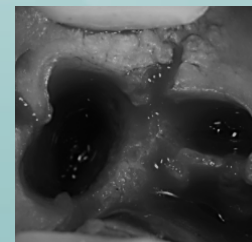
**IMPLANT
PLACEMENT**



**RIDGE
SPLIT**



OSSEODENSIFICATION



EXTRACTION

EXTRACTION

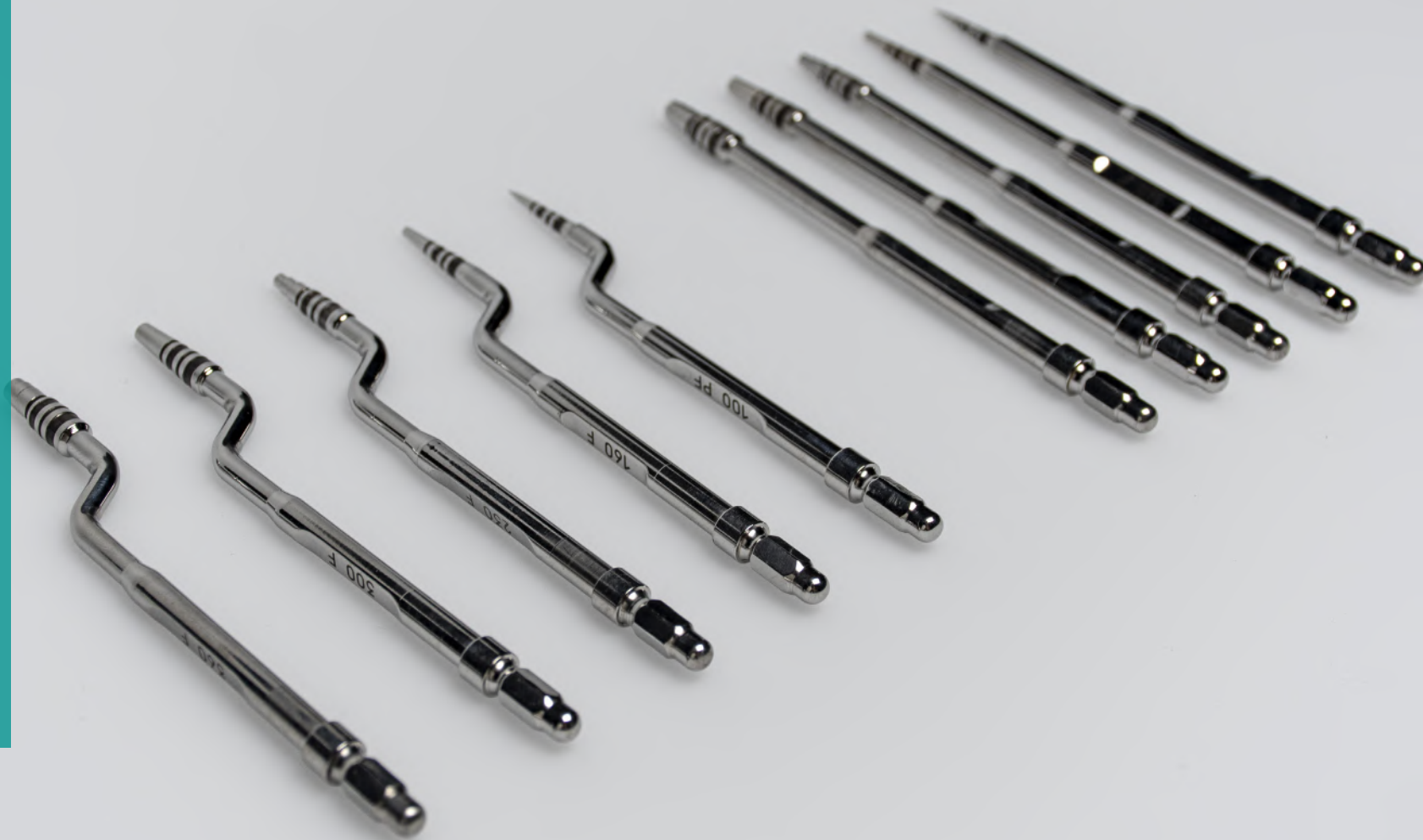
**RIDGE
SPLIT**

**IMPLANT
PLACEMENT**

EASY-IN KIT

ACCESSORIES

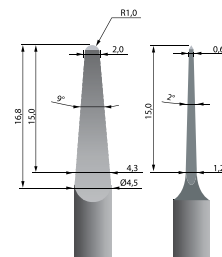
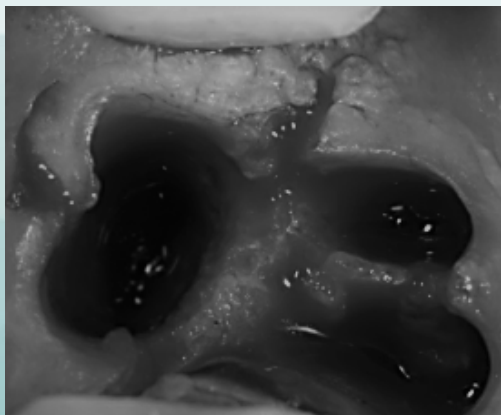
**HANDPIECE
PLUS**



EXTRACTION KIT



CLINICAL CASES

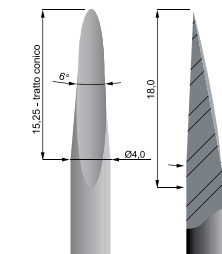


EXTR1

SHARP AND RESISTANT

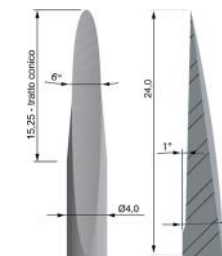


RANGE OF INSTRUMENTS



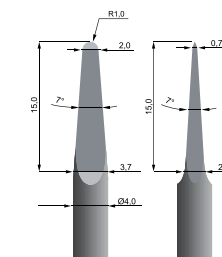
EXTR2

CONCAVE PROFILE
REDUCED HEIGHT



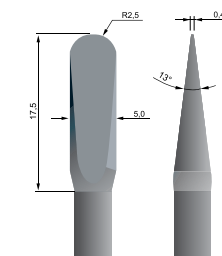
EXTR3

CONCAVE PROFILE
TOTAL HEIGHT



EXTR4

THIN LEVER
3rd MOLARS LUXATION



EXTR5

THICK LEVER
3rd MOLARS LUXATION

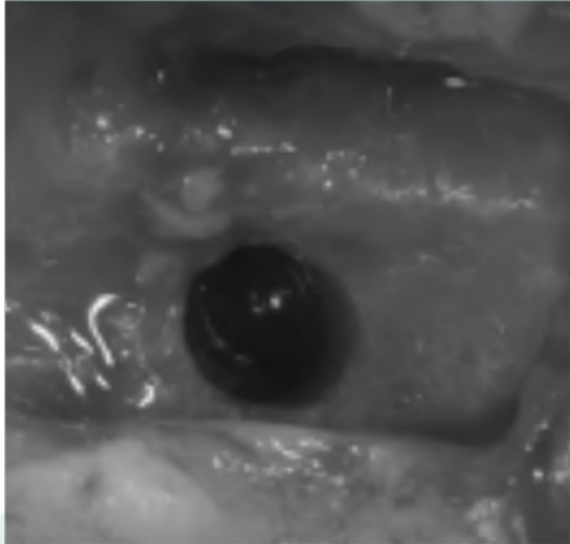


All extractors are supplied in the curved version within the kit.

OSTEOTOME KIT



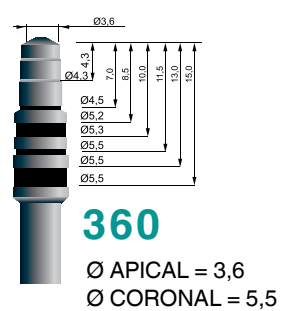
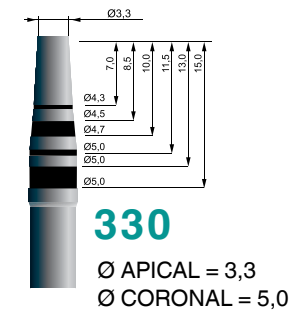
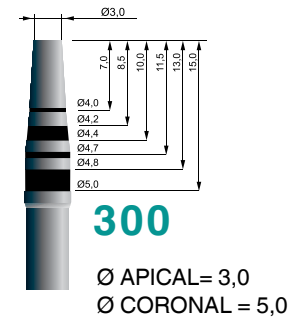
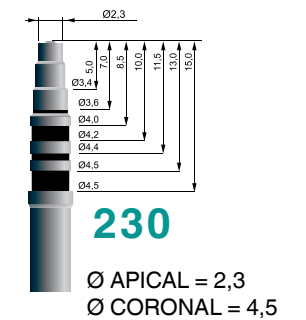
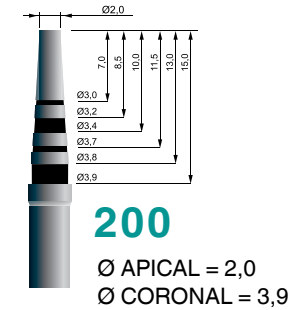
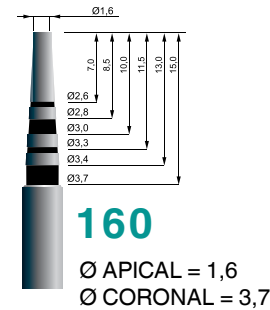
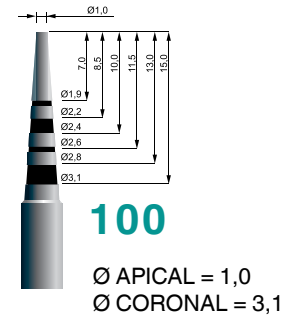
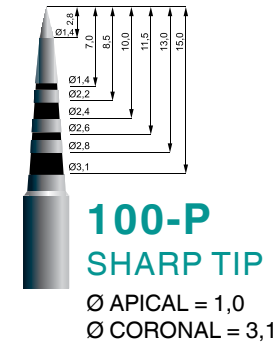
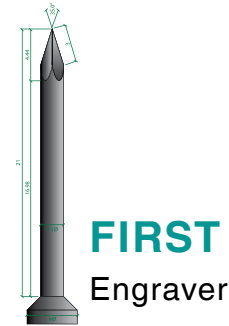
CLINICAL CASES



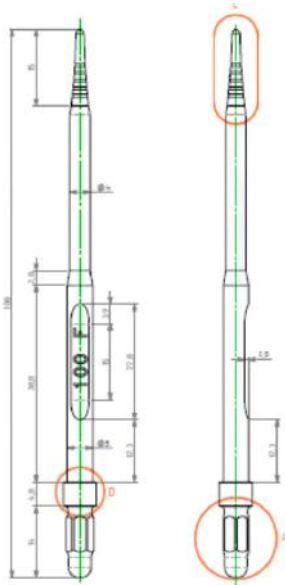
Available in straight and curved versions



RANGE OF INSTRUMENTS



DEDICATED OSTEOTOMES FOR YOUR IMPLANT PARTNER



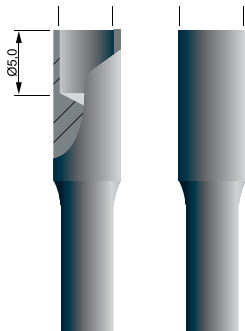
CLINICAL CASES



RANGE OF INSTRUMENTS

CHECK THE AVAILABLE IMPLANT LINES

*** Not all implant options are currently available, constantly adding more.*



Founders

Claudio De Giglio

Manuel Scali

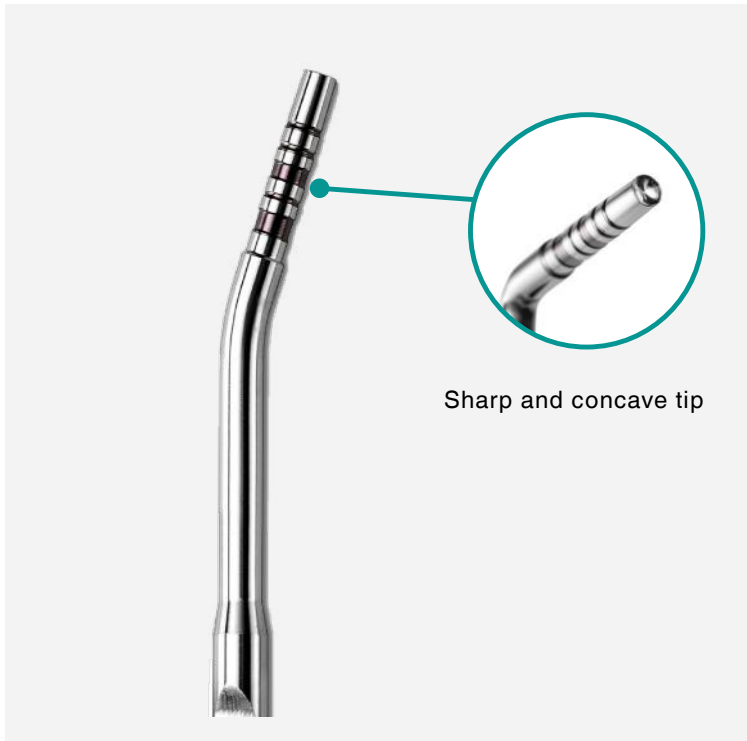
EASY-IN



CLINICAL CASES

Designed by Dr Luca Arduini & Drs Daiana Zuccaro

For atraumatic insertion

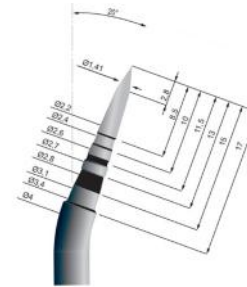


Sharp and concave tip

MANDIBLE

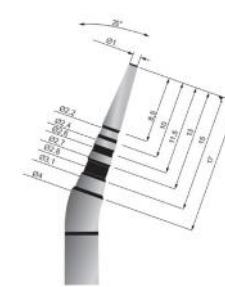


RANGE OF INSTRUMENTS



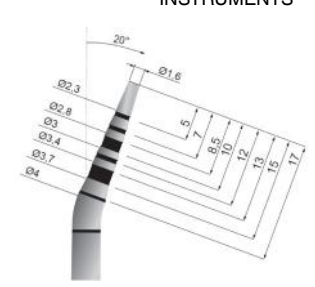
AZ 100P - 20°

Ø APICAL = 1,0
Ø CORONAL = 3,1



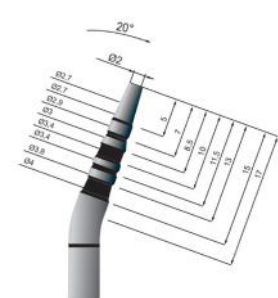
AZ 100 - 20°

Ø APICAL = 1,0
Ø CORONAL = 3,1



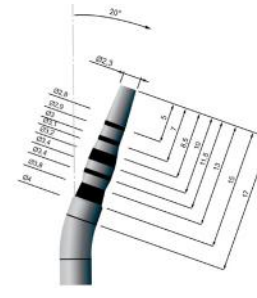
AZ 160 - 20°

Ø APICAL = 1,6
Ø CORONAL = 3,7



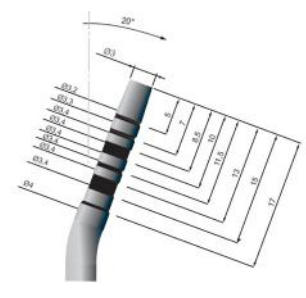
AZ 200 - 20°

Ø APICAL = 2,0
Ø CORONAL = 3,9



AZ 230 - 20°

Ø APICAL = 2,3
Ø CORONAL = 4,5



AZ 300 - 20°

Ø APICAL = 3,0
Ø CORONAL = 5,0

ANTERIOR MAXILLA KIT - STRAIGHT OSTEOTOMES

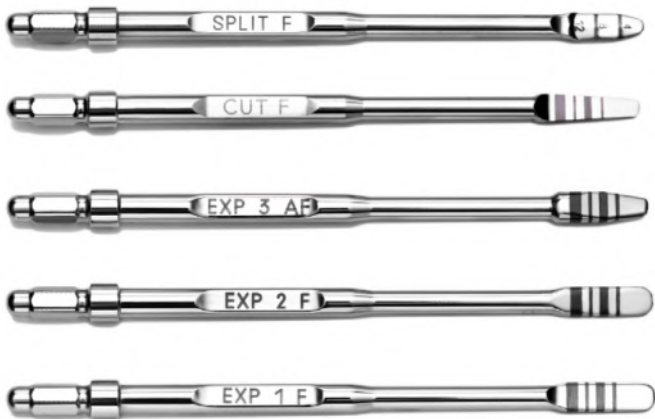
POSTERIOR MAXILLA KIT - CURVED OSTEOTOMES

PRE-CONFIGURED KITS

OSTEOTOMES KIT 5 STRAIGHT AND 5 CURVED INSTRUMENTS



RIDGE SPLITTING KIT 5 STRAIGHT AND 5 CURVED INSTRUMENTS



EXTRACTION KIT 5 CURVED INSTRUMENTS



THE CROWN REMOVER

The **Crown Remover** is an accessory of the Magnetic Mallet that develops longitudinal traction.

Also in this case the forces are applied with such an acceleration that prevents them from dispersing, causing inertias that are dangerous for the integrity of the elements to be removed.



HANDPIECE PLUS

The Handpiece Plus allows the delivery of a calibrated pulse which results in force levels 30% greater as compared to the regular handpiece





Meta Ergonomica, located in Turbigo (MI), Italy, has developed and patented the use of magnetic-dynamic forces in oral surgery. Its mission is to design and manufacture medical devices that allow implementation of procedures in controlled, precise and conservative manner.

Meta Ergonomica is ISO13485.2016 certified by Tuv Rheinland S.r.l. (1936) and by FDA.



Management System
EN ISO
13485:2016
www.tuv.com
ID 9105068970



META ERGONOMICA - MANUFACTURER

Via Monte Nero, 19
20029 TURBIGO (MI) - ITALIA

OSSEOTOUCH - DISTRIBUTOR

Piazza Garibaldi, 9
21013 GALLARATE (VA) - ITALIA
Tel +39 03311535586
www.osseotouch.com
contact@osseotouch.com

FOR US MARKET

contact@osseotouch.com
PARK DENTAL RESEARCH
2401 North Commerce, Suite E,
Ardmore - OK 73401, USA
Tel (800) 243-7372

