

PIEZON MASTER SURGERY®  
OPTIONS

# OPTIONS →

## EMS SWISS INSTRUMENTS SURGERY™ – EQUIPPED FOR ALL CASES

SIX ADDITIONAL APPLICATIONS – SIX OPTIONAL SYSTEMS

- > Tooth extraction
- > Retrograde root preparation
- > Interventions on the bone
- > Periodontal treatment
- > Sinus lift
- > Implant site preparation



EACH SYSTEM WITH COMBITORQUE® IN THE STERIBOX

## EXTRACTION SYSTEM

UNIQUE ANATOMICAL DESIGN FOR ENHANCED PRECISION AND EFFICIENCY



- INSTRUMENT EXL** → Left-oriented tip for access to posterior areas
- INSTRUMENT EXR** → Right-oriented tip for access to posterior areas
- INSTRUMENT EX2** → Ultrasonic periosteal elevator for syndesmotomy and periradicular osteotomy
- INSTRUMENT EX1** → Titanium tip for vertical tooth extraction in the anterior area.



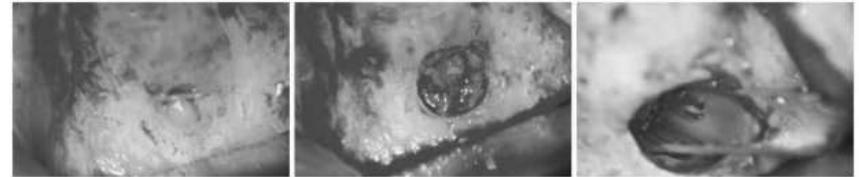
Photos by Dr. Frank Spiegelberg

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## RETRO SYSTEM

FINE DESIGN AND COOLING SYSTEM FOR MINIMALLY INVASIVE RETROGRADE ROOT PREPARATION AND IDEAL VIEW OF THE TREATMENT SITE

- INSTRUMENT RS1** → Diamond-coated tip for minimally invasive retrograde root preparation
- INSTRUMENT RS2** → Sand-blasted tip for minimally invasive retrograde root preparation
- INSTRUMENT RS3** → Diamond-coated tip for minimally invasive retrograde root preparation
- INSTRUMENT SL4** → Curved scalpel for osteoplasty and harvesting of bone particles or chips



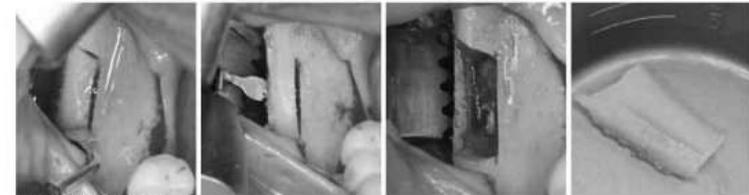
Photos by Dr. Wolf Richter

## BONE SYSTEM

SUPERIOR INSTRUMENT DESIGN FOR BONE BLOCK GRAFTING TECHNIQUES



- INSTRUMENT BCL** → Left-oriented bone saw for cutting bone in the ramus area
- INSTRUMENT BCR** → Right-oriented bone saw for cutting bone in the ramus area
- INSTRUMENT SL1** → Bone saw for in-depth cutting of cortical bone
- INSTRUMENT BC** → Conical bone cutting tip for fine, precise cuts and osseous recontouring



Photos by Dr. Frank Spiegelberg

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## PERIO SYSTEM

PRECISE AND RELIABLE IN RESECTIVE AND REGENERATIVE PERIODONTAL SURGERY

**INSTRUMENT PE1** → Diamond-coated ball tip for fast calculus removal

**INSTRUMENT PE2** → Diamond-coated tip (70 µm) for enlarging root furcations

**INSTRUMENT PE3** → Diamond-coated tip (15 µm) for gently enlarging root furcations

**INSTRUMENT BC** → Conical bone cutting tip for fine, precise cuts and osseous recontouring



Photos by Dr. Mauro Bovi

## SINUS SYSTEM

ADVANCED SURGERY INSTRUMENTS FOR GENTLE AND STEADY LATERAL SINUS LIFTS

**INSTRUMENT SL1** → Bone saw for in-depth cutting of cortical bone

**INSTRUMENT SL2** → Diamond-coated ball tip for smoothing the vestibular bone window and precise osteoplasty

**INSTRUMENT SL4** → Curved scalpel for osteoplasty and harvesting of bone particles or chips

**INSTRUMENT SL5** → Large diamond-coated ball tip for smoothing the vestibular bone window and precise osteoplasty

**INSTRUMENT SL6** → Spatula designed for Schneider's membrane elevation inside the sinus



Photos by Dr. Mauro Bovi

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## IMPLANT SYSTEM

EXCLUSIVE FULLY DIAMOND-COATED INSTRUMENTS WITH DUAL COOLING SYSTEM FOR LOW INTRA-OPERATIVE TEMPERATURE, OPTIMUM EVACUATION OF DEBRIS, FAST, PRECISE AND PREDICTABLE DRILLING

**INSTRUMENT MB1** → Diamond-coated tip (Ø 1,15 mm) for initial osteotomy in the maxilla

**INSTRUMENT MB2** → Diamond-coated tip (Ø 1,95 mm) for preliminary drilling in the maxilla

**INSTRUMENT MB3** → Diamond-coated tip (Ø 2,50 mm) for preliminary drilling in the maxilla

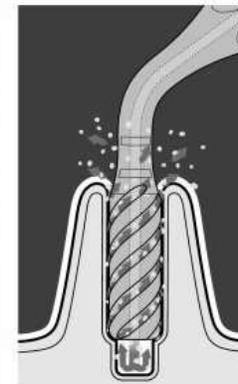
**INSTRUMENT MB4** → Diamond-coated cylindrical tip (Ø 2,80 mm) for secondary drilling in the maxilla

**INSTRUMENT MB5** → Diamond-coated cylindrical tip (Ø 3,05 mm) for secondary drilling in the maxilla

**INSTRUMENT MB6** → Diamond-coated cylindrical tip (Ø 3,30 mm) for final osteotomy in the maxilla



Photos by Dr. Mauro Bovi



**INSTRUMENT MB4 / MB5 / MB6** →  
Vertical nozzle outlet for water cooling  
Vertical spiral for water cooling and debris evacuation



**SIX OPTIONS  
FOR EVEN MORE EFFICACY**

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APPLICATIONS

## INSTRUMENT SC

FOR ALVEOLAR RIDGE SPLITTING,  
ATRAUMATIC VERTICAL BONE INCISION  
AND SENSITIVE OSTEOTOMY

- > Ideal for alveolar ridge splitting – the bone can be separated atraumatically in the upper as well as the lower jaw and stretched with the conical tip – a virtually lower risk of fractures even when bone is highly mineralized



Photos by Dr. Frank Spiegelberg

ONE BASIC SYSTEM →  
FIVE APPLICATIONS

PIEZON MASTER SURGERY®  
APPLICATIONS

## INSTRUMENT SL 1

FOR BONE TRANSPLANTATION  
AND ATRAUMATIC HORIZONTAL  
BONE INCISION

- > Ideal for preparing the lateral incision when bone walls are thick
- > Ideal for osteotomy even for very small incision preparation

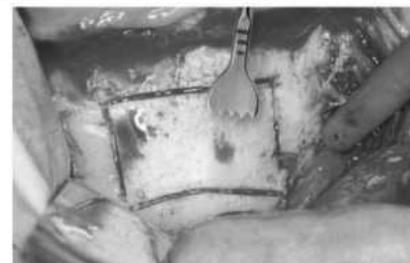


Photo by Dr. Frank Spiegelberg



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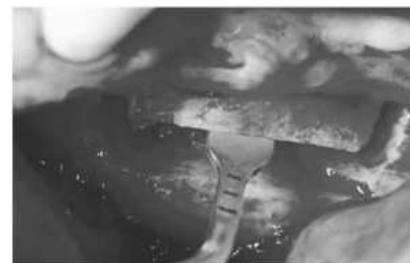


Photo by Dr. Marc Hürzeler

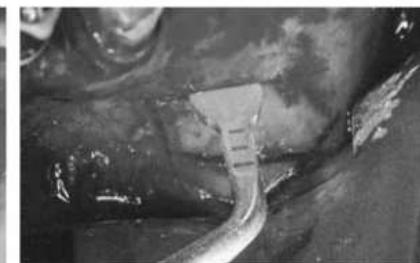


Photo by Dr. Sven Rinke

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APPLICATIONS

## INSTRUMENT SL 2 FOR ATRAUMATIC BONE OSTEOTOMY

- > Ideal for preparing the incision to Schneider's membrane on thin bone walls and in sensitive risk areas – ideal for difficult horizontal incisions

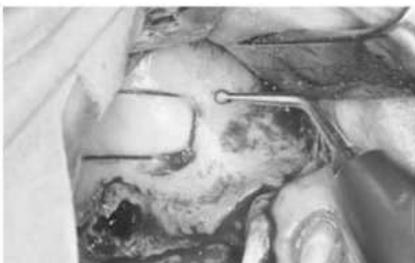


Photo by Dr. Frank Spiegelberg



Photo by Dr. Sven Ranke



## INSTRUMENT SL 3 FOR DETACHING SCHNEIDER'S MEMBRANE DURING THE SINUS LIFT

- > Ideal for safely detaching Schneider's membrane due to its plate-like shape – membrane is detached in a circular fashion around the incision – minimal risk of perforation between membrane and bone wall – the vibrations of the Original Piezon® Method seem to do all of the work automatically

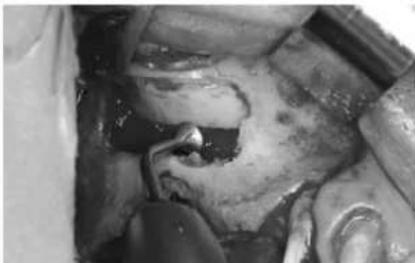


Photo by Dr. Frank Spiegelberg



Photo by Dr. Sven Ranke

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APPLICATIONS

## INSTRUMENT SL 4 FOR HARVESTING BONE PARTICLES OR CHIPS FOR AUGMENTATION – FOR HARVESTING AUTOGENOUS BONE

- > Ideal for the easy and fast harvest of high bone quantities with an ideal grain size of 500µm – by scraping gently on the surface, the bone accumulates on the scoop of the instrument
- > Also ideal for the sinus lift – in areas where access is difficult through a lateral incision



Photo by Dr. Frank Spiegelberg



Photo by Dr. Frank Spiegelberg



Photo by Dr. Daniel Grubeanu



Photo by Dr. Frank Spiegelberg

**PIEZON MASTER SURGERY®**  
**FULL RANGE WITH THE BASIC SYSTEM**