

OrthoClast[®] 2

**ORTHOPAEDIC IMPLANT
EXTRACTION WITH
PNEUMATIC SHOCK WAVES**



ORTHOPAEDIC IMPLANT EXTRACTION



OrthoClast[®] 2

Revision of cementless prostheses
with pneumatic shock waves

Overview

The removal of cementless prosthesis using an Extended Trochanteric Osteotomy – ETO (transfemoral access) can end with major damage to the bone. The OrthoClast System, in combination with the flexible micro chisel, preserves bone stock and can avoid the need for an ETO. The OrthoClast System works with shockwave technology, similar to that used by a pneumatic hammer.

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Adjustable power - up to 6 bar

Adjustable frequency up to 10Hz

Save user settings



Adjustable brightness

Touch Display

Multi Language



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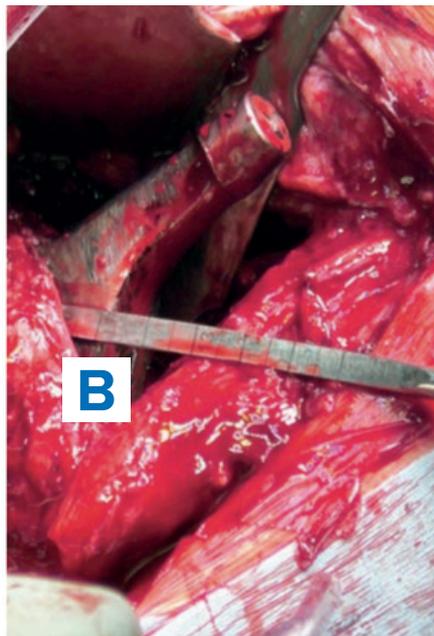
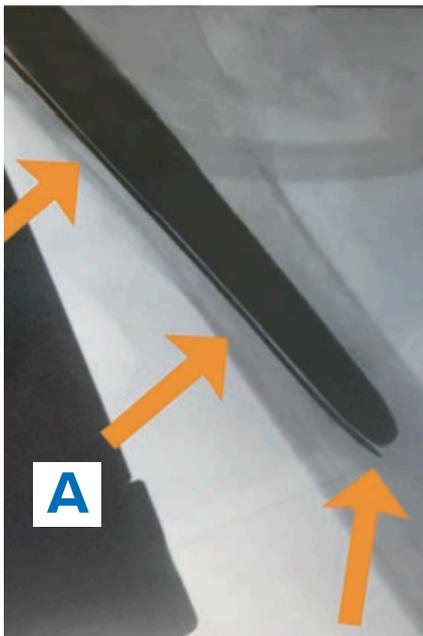


PROSTHESIS SIDE

Flexible Chisel Advantages

The OrthoClast handpiece works with a narrow, **flexible chisel** with a working depth of up to **190 mm**.

- Dissection of the bone-prosthesis interface
- Controlled sliding of the flat chisel along **(A)** the prosthesis stem
- No bone perforations or fissures of the bone
- Chisel with pre-defined bone and prosthesis side **(B)**



Flexible chisel features

- Working depth up to 190mm (FR-079)
- Slim 5mm version for Wagner and ribbed shafts (FR-077)
- Pre-defined bone and prosthesis side
- Single-use chisel*

Advantages

- Reduced need for femoral fenestration, minimal bone trauma
- Controlled sliding of the chisel without bone perforation
- Bone saving method to dissect the bone-prosthesis interface

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Plunger for ceramic inlays

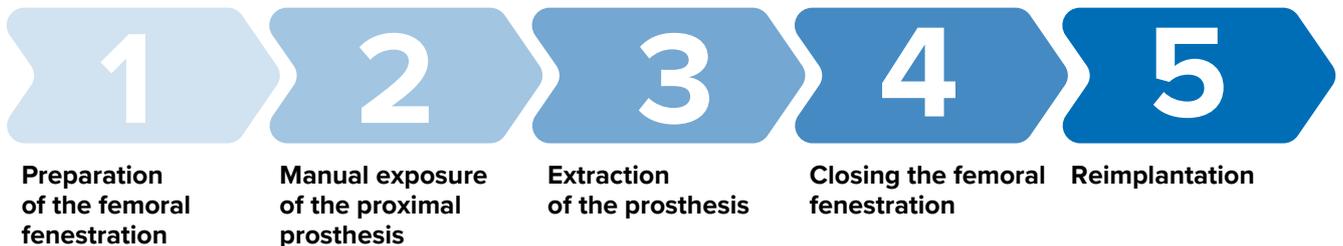


Function: for loosening and releasing acetabular hard bearings and ball heads.

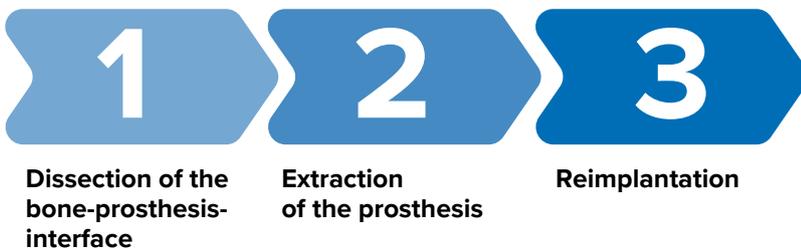
Plunger Specifications:

- Cup inlay (hard bearings)
- Ball heads (all materials)

Conventional procedure steps



Using OrthoClast² steps



60%
time reduction



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Plunger for ceramic inlays



OrthoClast Set:

OrthoClast system with generator, handpiece, compressed air hose and foot pedal

Technical data:

Control unit

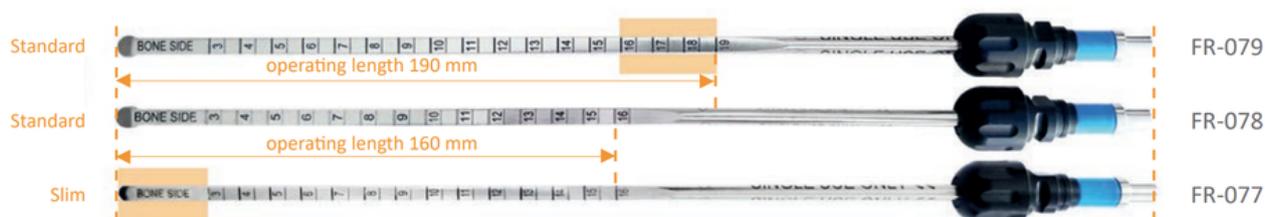
- Hospital compressed air supply
- Integrated waste air return system

Handset

- No electrical connection to patient or surgeon

Flexible chisel

- Individual, versatile chisels enable effective and fast implant removal *
- Separate chisel to dissect the bone-prosthesis interface
- No risk of thermal tissue damage





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LIT246-01