

EPORE[®]

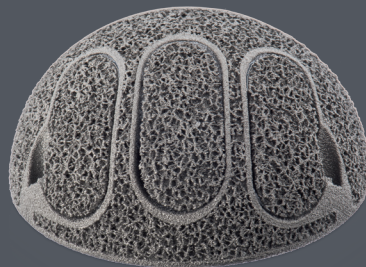
Defect Fillers



EPORE[®]

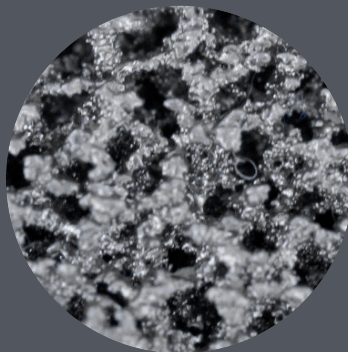
EPORE[®] is an additively manufactured, highly porous structure made of titanium alloy (TiAl₆V₄). This material is particularly suitable because it is biologically inert, ductile and has a high corrosion resistance and fatigue strength.

EPORE[®] was developed to produce a high porosity with a low modulus of elasticity. It is very similar to bone structure, which favors the ingrowth of the implant into the bone.

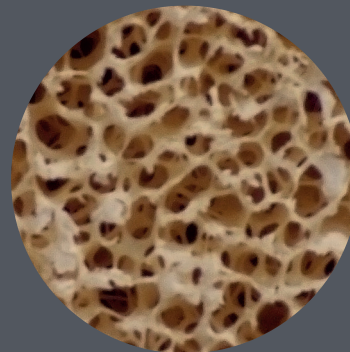


Mechanical properties

porosity: $61 \pm 8 \%$
rod thickness: $360 \pm 50 \mu\text{m}$
spec. E-Module: $3,1 \pm 0,6 \text{ GPa}$



EPORE® structure



human bone structure

EPORE® buttress & shim augments



Indication

acetabular bone defects



Compatibility

with all ic-hip cups (*only EPORE® buttress augments*)



Screw options

bore holes for spongiosa screw
flat head Ø 6,5 mm



Size range

EPORE® buttress augment:
4 sizes

EPORE® shim augment:
3 sizes



EPORE[®]

acetabular spacer

8 mm



Indication

acetabular bone defects



Compatibility

with all ic-hip cups



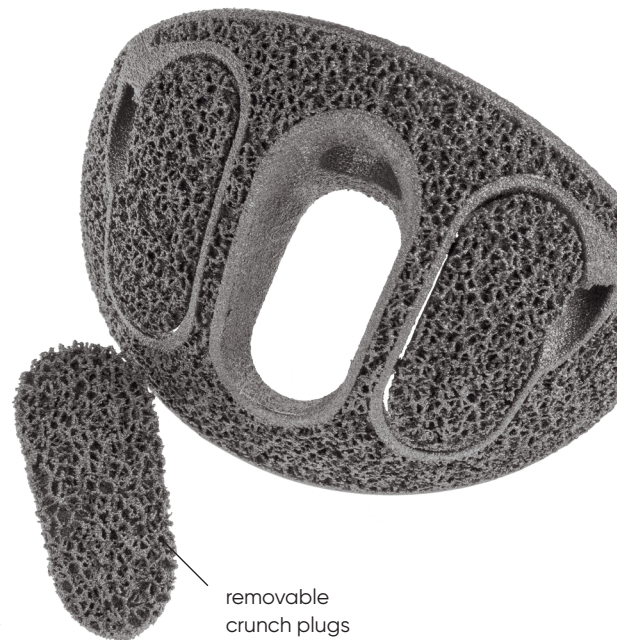
Screw options

bore holes for spongiosa
screw flat heads $\varnothing$ 6,5mm and
cancellous screw $\varnothing$ 8mm



Size range

26 sizes



EPORE® Defect Fillers



Modular acetabular reamer guide

for preparation of
EPORE® acetabular spacer



Aim

conversion of an
uncontained defect into
a contained defect



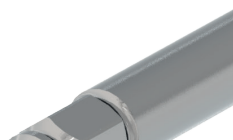
Combination

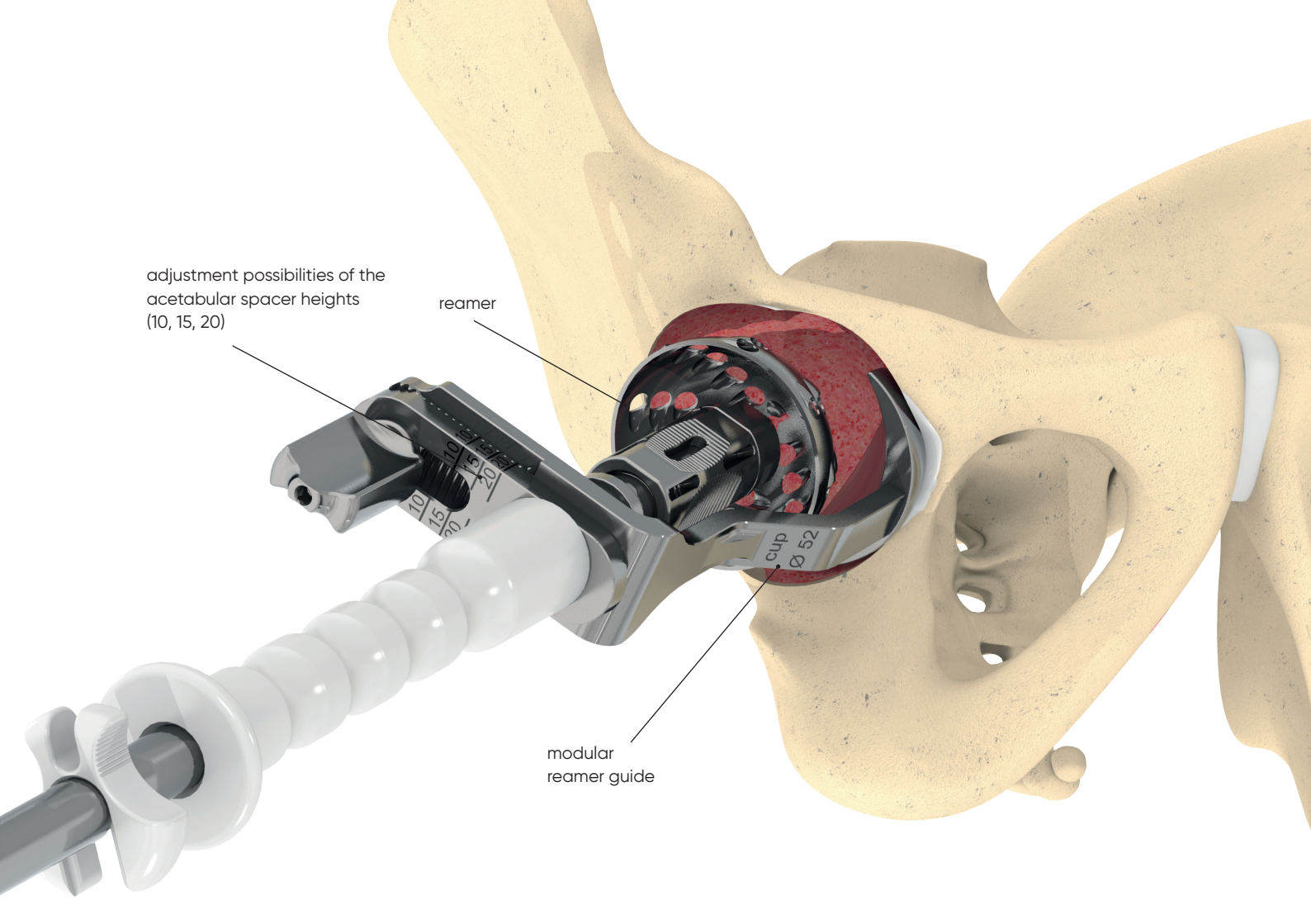
possibility for adjustment
of the acetabular spacer
heights (10, 15, 20)



Size range

modular acetabular reamer
guides are available in sizes
52, 56, 60, 64 and 68 mm





adjustment possibilities of the
acetabular spacer heights
(10, 15, 20)

reamer

modular
reamer guide

cup
Ø 52

walk with us

implantcast GmbH

Lüneburger Schanze 26
21614 Buxtehude
Germany

tel.: +49 4161 744-0
fax: +49 4161 744-200

info@implantcast.de
www.implantcast.de

CE 0482

