

i.M.A.G.E.[®]

Patient-matched knee
Instrumentation
For Primary TKA



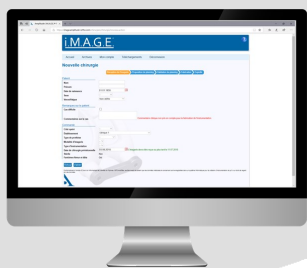
AMPLITUDE[®]

DESCRIPTION:

- Single-use pin positioners matched to specific patient anatomy and incorporating the surgeon's pre defined alignment parameters.
- Simplified surgical technique
 - Decrease in the number of surgical steps
 - Intraoperative checks of the femoral rotation and the tibial cut orientation
 - Femoral rotation can be adjusted intraoperatively
- Online ordering process
- In-house manufacturing
- The i.M.A.G.E.[®] system is integrated into the CliniRecord clinical monitoring application



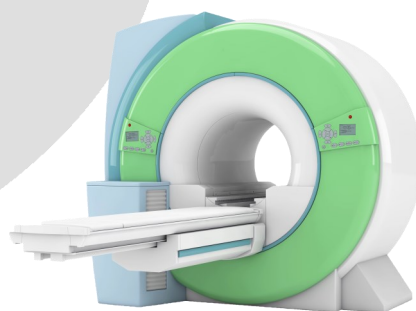
PROCESS:



1

Online ordering

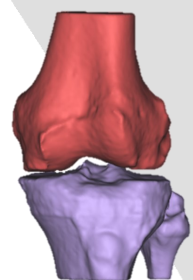
<https://image.amplitude-ortho.com/>



2

CT-scan or MRI exam

Performed using Amplitude's protocol. DICOM files sent to Amplitude.

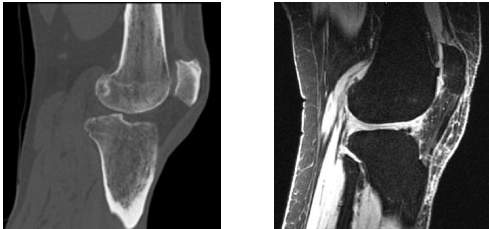
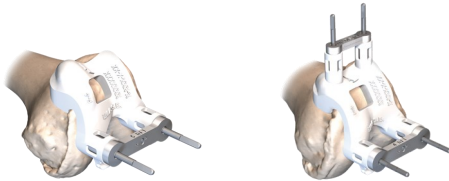


3

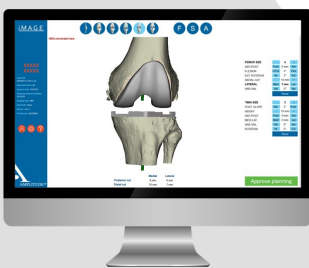
Image processing

Segmentation. Anatomical landmarks.

PRODUCT LINE:



- Intended to be used with SCORE®, SCORE® AS, SCORE® II and ANATOMIC® Total Knee Arthroplasties (TKA)
- Available for both 5-in-1 and 4-in-1 procedures
- Available in CT-scan and MRI versions



4

3D planning

Performed by the surgeon using the i.M.A.G.E.® planning software.



5

Manufacturing

Design of 3D model of Pin Positioners. Manufactured by Selective Laser Sintering.



6

Delivery

Instrumentation delivered to hospital. Decontamination and sterilisation.

Product codes



i.M.A.G.E. set CT

CE 2797

i.M.A.G.E. set CT – Pin Positioners F & T With Bone Models – TKA – 5 in 1 – Non Sterile

9-0200330

i.M.A.G.E. set CT – Pin Positioners F & T With Bone Models – TKA – 4 in 1 – Non Sterile

9-0200430



i.M.A.G.E. set MRI

CE 2797

i.M.A.G.E. set MRI – Pin Positioners F & T With Bone Models – TKA – 5 in 1 – Non Sterile

9-0200510

i.M.A.G.E. set MRI – Pin Positioners F & T With Bone Models – TKA – 4 in 1 – Non Sterile

9-0200610



Additional set - i.M.A.G.E.

CE

Additional set - i.M.A.G.E. 5-in-1 for TKA

2-0299942

Additional set - i.M.A.G.E. 5-in-1 for TKA

2-02999122

Additional set - i.M.A.G.E. 4-in-1 for TKA

2-0299947

Additional set - i.M.A.G.E. 4-in-1 for TKA

2-02999123

Date created: September 2020 – Manufacturer: Amplitude, 11, cours Jacques Offenbach, 26000 Valence (France) – Intended use: Medical device intended for the type of prosthesis and the surgical technique specified on the packaging; it must be used with the corresponding AMPLITUDE instrumentation. – MD class: I and IIa (CE2797) – Indications and recommended use: please read the instructions on the product's labels and leaflets.

Customer Service - France:

Porte du Grand Lyon,
01700 Neyron, France
Phone: +33 (0)4 37 85 19 19
Fax: +33 (0)4 37 85 19 18
E-mail: amplitude@amplitude-ortho.com

Website: www.amplitude-ortho.com

Customer Service - Export:

11, cours Jacques Offenbach. ZA Mozart 2,
26000 Valence, France
Phone: +33 (0)4 75 41 87 41
Fax: +33 (0)4 75 41 87 42
E-mail: amplitude@amplitude-ortho.com