

pixee
medical



Knee⁺

Simplified Augmented Reality Navigation
for Total Knee Arthroplasty

Knee+ is a simplified navigation system using Augmented Reality to assist the orthopedic surgeon in his intraoperative Total Knee Arthroplasty procedure.

The cutting planes are oriented with respect to the mechanical axes of the patient calculated from the simplified acquisition of anatomical landmarks.

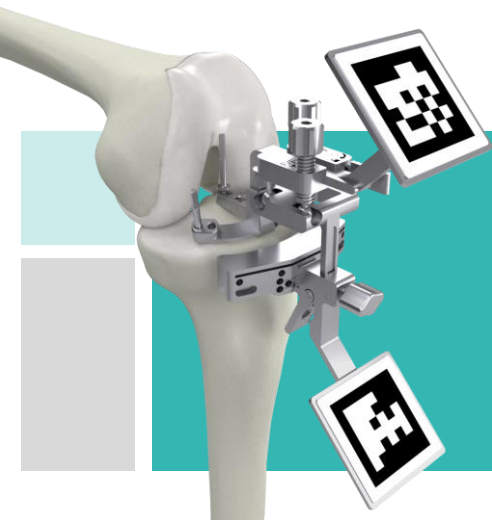
AR Glasses



Specific Markers



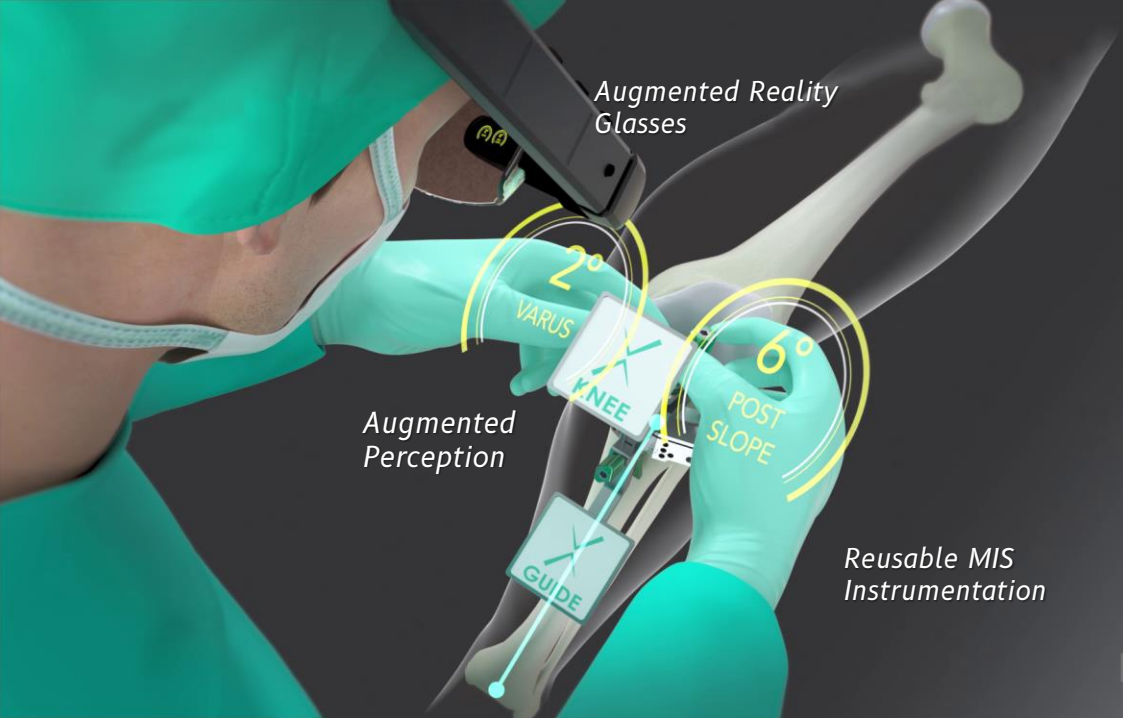
The camera of the connected glasses allows the 3D localization of instruments equipped with specific markers (QR-Code).



Knee+

Simplified Navigation

The surgeon's perception of the operating area is enriched with essential information, measured in real time and superimposed on his field of view.



Augmented Reality Glasses

Augmented Perception

Reusable MIS Instrumentation

✓ SIMPLE

Adapts to the surgeon's routine practice and doesn't require pre-operative imaging.

✓ COMPACT

Reduced instrumentation and cutting-edge software technology embedded in lightweight Augmented Reality glasses.

✓ NON INVASIVE

Reusable instrumentation without intramedullary rod or percutaneous pin.

✓ UNIVERSAL

Compatible with all types of implants.



A new vision for computer
assisted orthopedic surgery

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CE⁰⁴⁵⁹
Class I/Im

IMPORTANT:

REFER TO THE INFORMATION PROVIDED BY THE MANUFACTURER OF THE MEDICAL DEVICE (ACCOMPANYING DOCUMENTATION)
THIS MEDICAL DEVICE SHOULD ONLY BE USED BY DOCTORS TRAINED IN ORTHOPEDIC KNEE SURGERY.