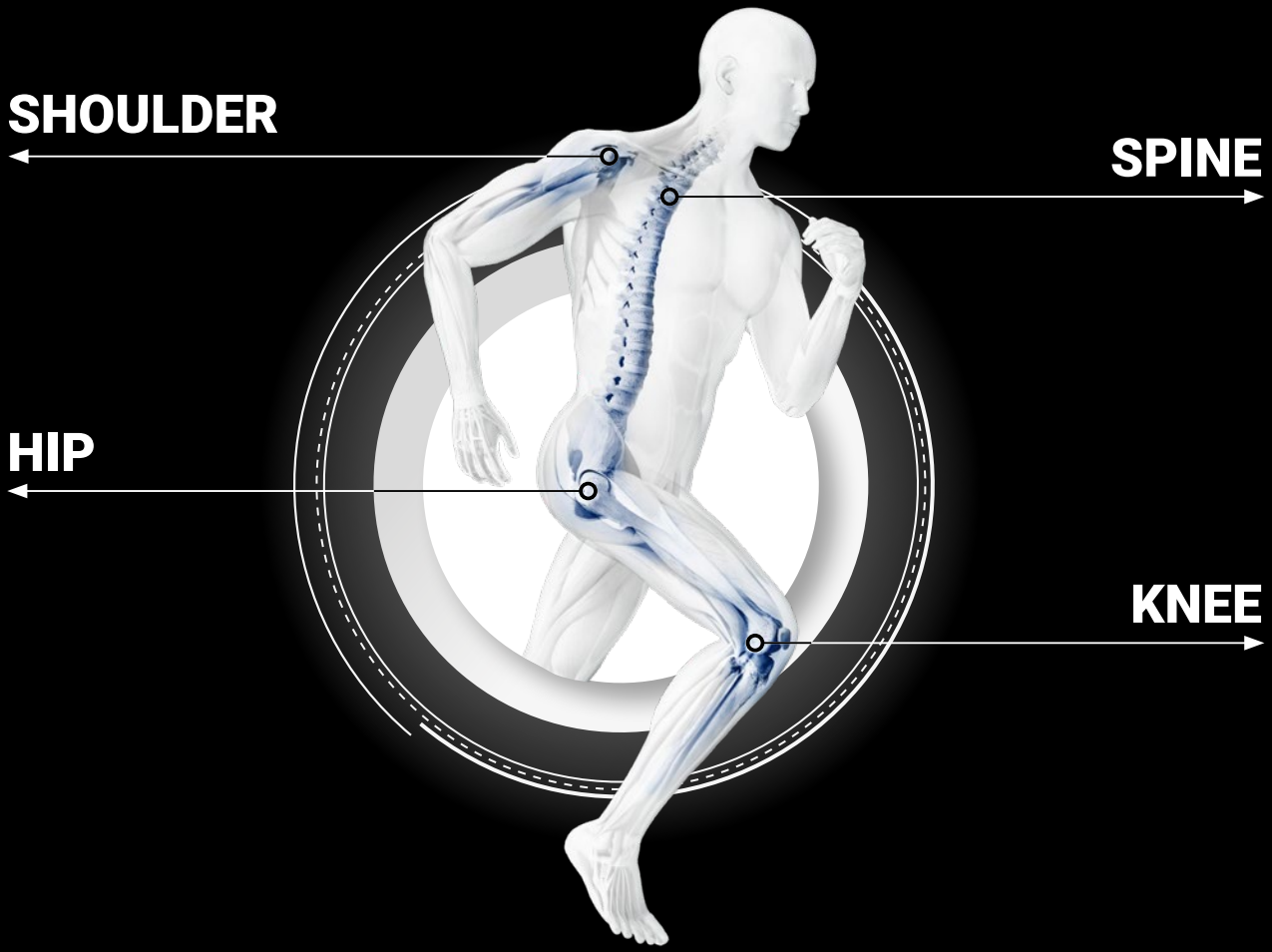
Medacta International

NEXTAR™

AUGMENTED REALITY SURGICAL PLATFORM

2

A single platform for all your procedures


SHOULDER
SPINE
HIP
KNEE

Look **beyond** the **ordinary**

AUGMENTED REALITY

Enhanced visualization to optimize surgery

ADVANCED PLANNING

Data driven personalization



SMART DELIVERY TOOLS

Compact and integrated system

HEALTHCARE SUSTAINABILITY

Efficient and cost-effective

AUGMENTED REALITY

The perception of real-life environments can be enriched with useful information, measured in real-time by the system and displayed on **NextAR Smart Glasses** worn by the surgeon. This is superimposed on the operative field of view in a highly intuitive way, enabling enhanced decision making and optimizing surgery.

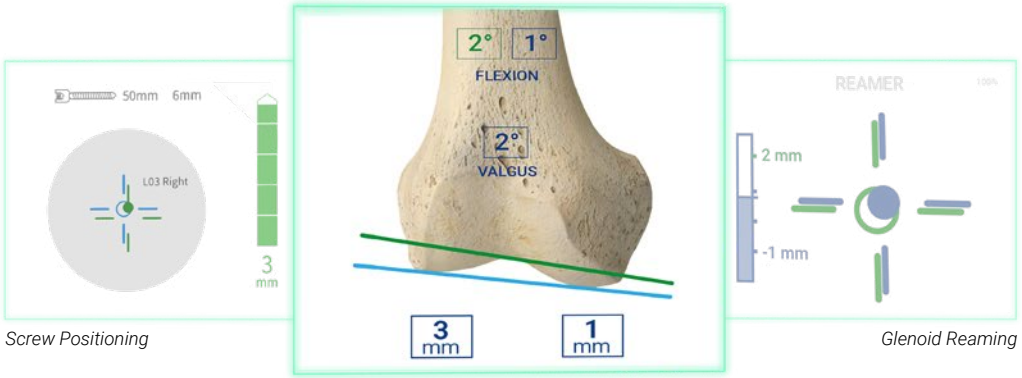
LIGHT-WEIGHT DESIGN

PRESCRIPTION LENSES

WIRELESS SOLUTION

INTEGRATED CAMERA

USB CONNECTION



Screw Positioning *Bone Cut* *Glenoid Reaming*




NEXTAR
AUGMENTED REALITY SURGICAL PLATFORM
SHOULDER
SPINE
HIP
KNEE

ADVANCED PLANNING

The protocol is based on CT derived images. These enable an accurate and personalized plan to optimize implant positioning and joint balancing.

NextAR is a cloud-based system based on MySolutions platform, accessible from any device.



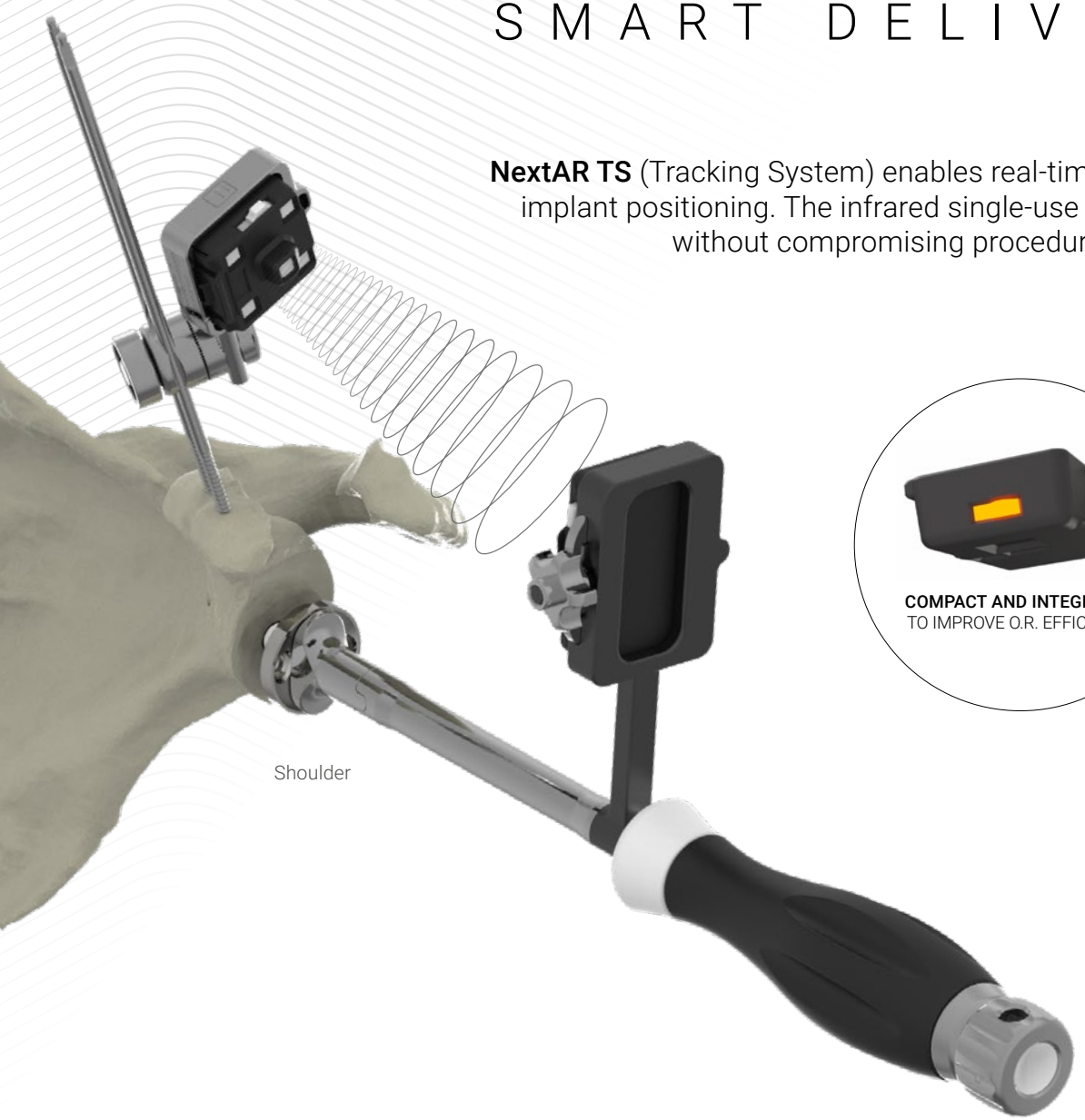
WATCH THE VIDEO

NextAR
nextar.medacta.com


MENU
PLANNING
HKA
PRE
POST
Hip - Knee - Ankle deg
178.5
177.5
TTTG distance mm
0.0
9.5
FEMUR
Implant size
3
TIBIA
PRE
POST
Implant size
1
Insert size
10
Varus deg
3.0
4.5
Post slope deg
7.5
5.0
Medial cut height mm
10.0
Lateral cut height mm
9.0
Ant/post implant shift mm
3.5
Med/lat implant shift mm
2.0
Tibia implant rot deg
-1.5
Reset
BONE
CUT
IMPLANT
CT SCAN
IMPOP

SMART DELIVERY TOOLS

NextAR TS (Tracking System) enables real-time instruments guidance and accurate implant positioning. The infrared single-use modules add intelligence to surgery without compromising procedural flow or O.R. logistics.



Shoulder

COMPACT AND INTEGRATED
TO IMPROVE O.R. EFFICIENTY



Knee


6mm
50mm
L03 Right
3
mm

HEALTHCARE SUSTAINABILITY



Sustainability is a fundamental pillar of Medacta's strategy, in environmental, economic and social terms. NextAR embodies this philosophy while providing an advanced system with unique value.

Low capital investment & cost per case

Perfectly suited to ASC as well as hospital usage



Medacta International

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