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



## AUGMENTED REALITY

Enhanced visualization to optimize surgery

## SMART DELIVERY TOOLS

Compact and integrated system

## ADVANCED PLANNING

Data driven personalization

## 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**

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# SMART DELIVERY TOOLS

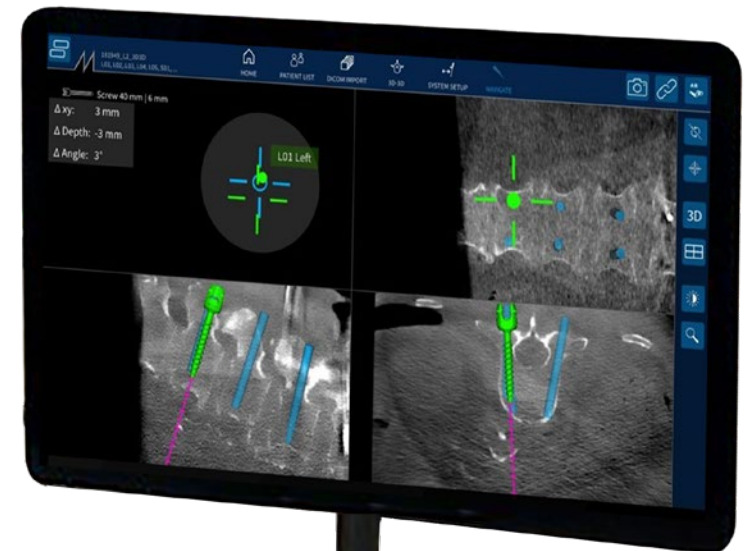
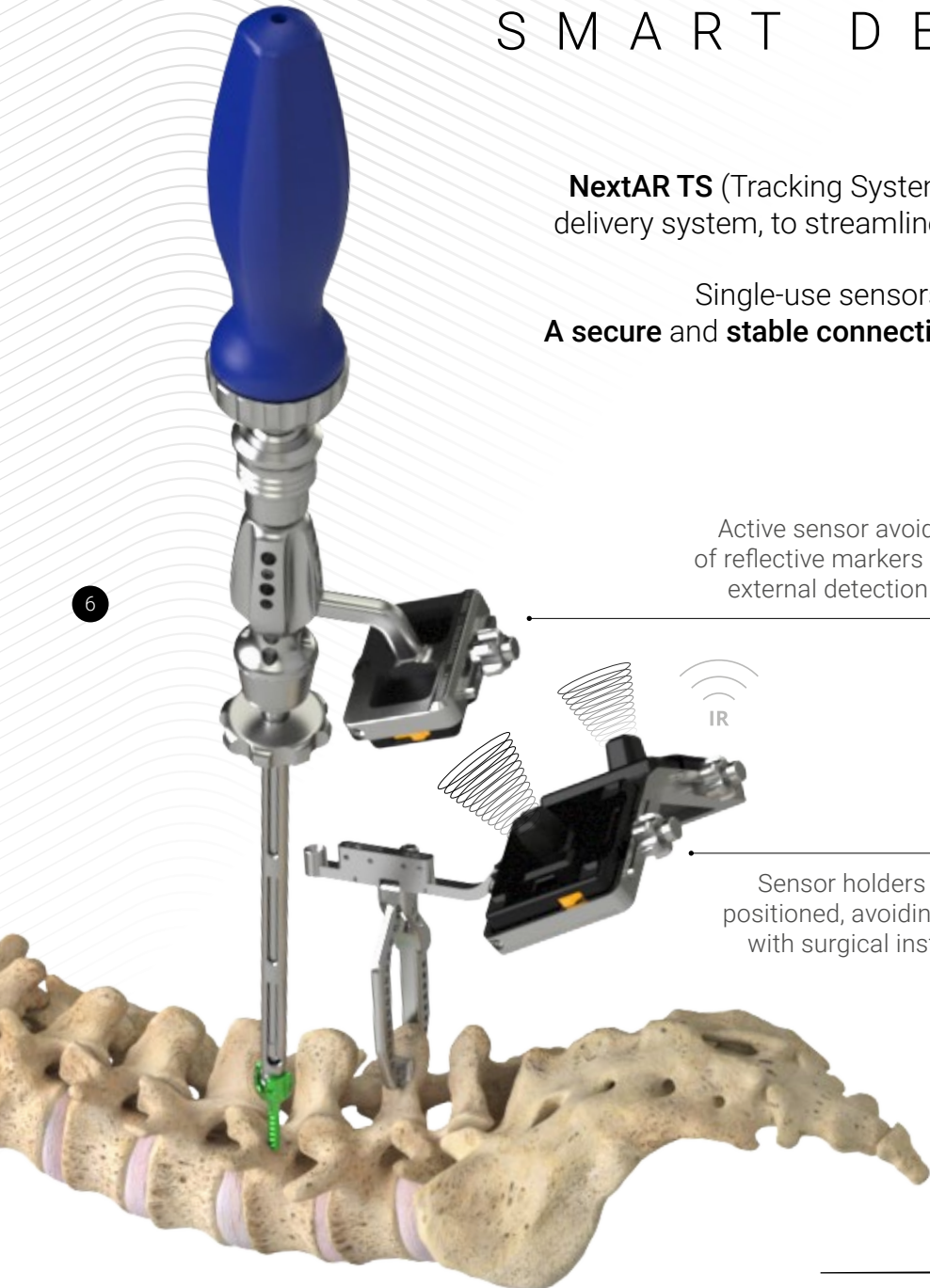
**NextAR TS** (Tracking System) is made of compact sensors with integrated delivery system, to streamline surgery execution and optimize O.R. efficiency.


Single-use sensors mounted close to the treated levels.  
**A secure and stable connection** enables **fast and accurate real-time tracking**.

Active sensor avoids the use of reflective markers and bulky external detection platform.

Sensor holders are firmly positioned, avoiding contact with surgical instruments.

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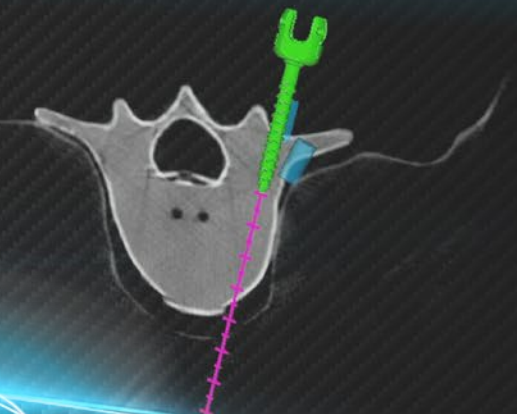
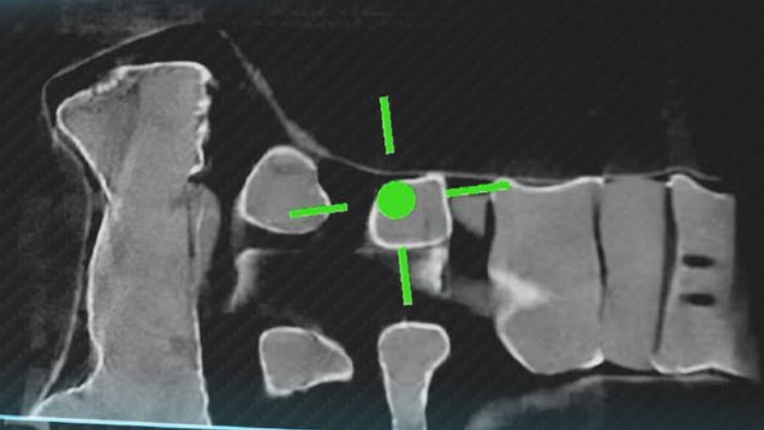
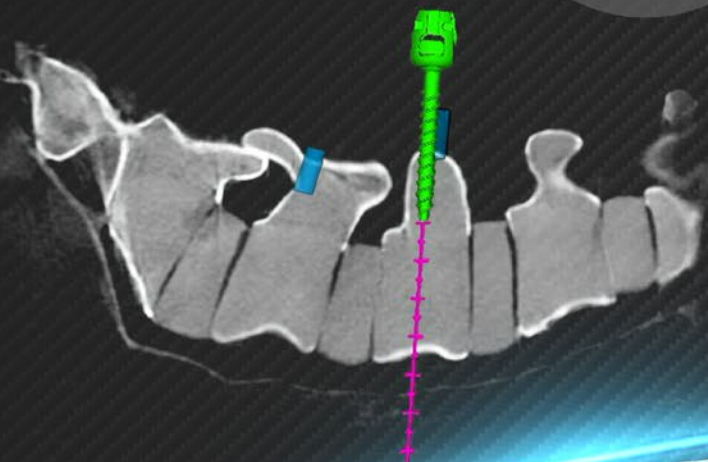


 Screw 40 mm | 5 mm

$\Delta xy:$  3 mm

$\Delta \text{Depth:}$  -17 mm

$\Delta \text{Angle:}$  3°

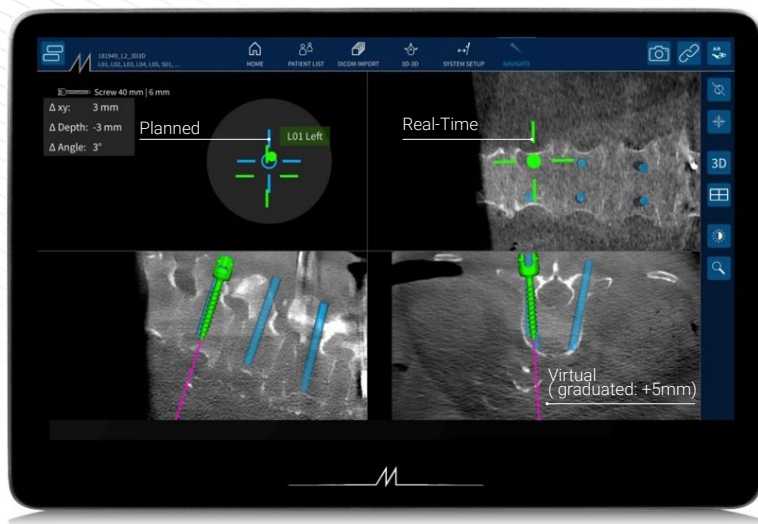




# A D V A N C E D   P L A N N I N G

NextAR, designed around you and your patient, is the latest addition to **Medacta's personalized portfolio**. With one software and one hardware that embrace open, mini-open and percutaneous procedures, NextAR gives the possibility to select among two approaches: **3D DIRECT** and **3D-3D**. NextAR Spine spans from degenerative to deformity treatments, including trauma and tumor applications.

## 3D-3D



### PREDICTABLE | SMART | PRECISE

You can **plan** in advance the **ideal placement** of your implants, exploiting a proprietary algorithm, developed by Medacta's engineers based on a 3D model of low-dose CT scan.

## 3D DIRECT



### READY TO USE | PRECISE | ONE CLICK PLANNING

Intraoperatively, you can save the desired trajectories in **ONE click** providing a reliable guided technique.



# 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.



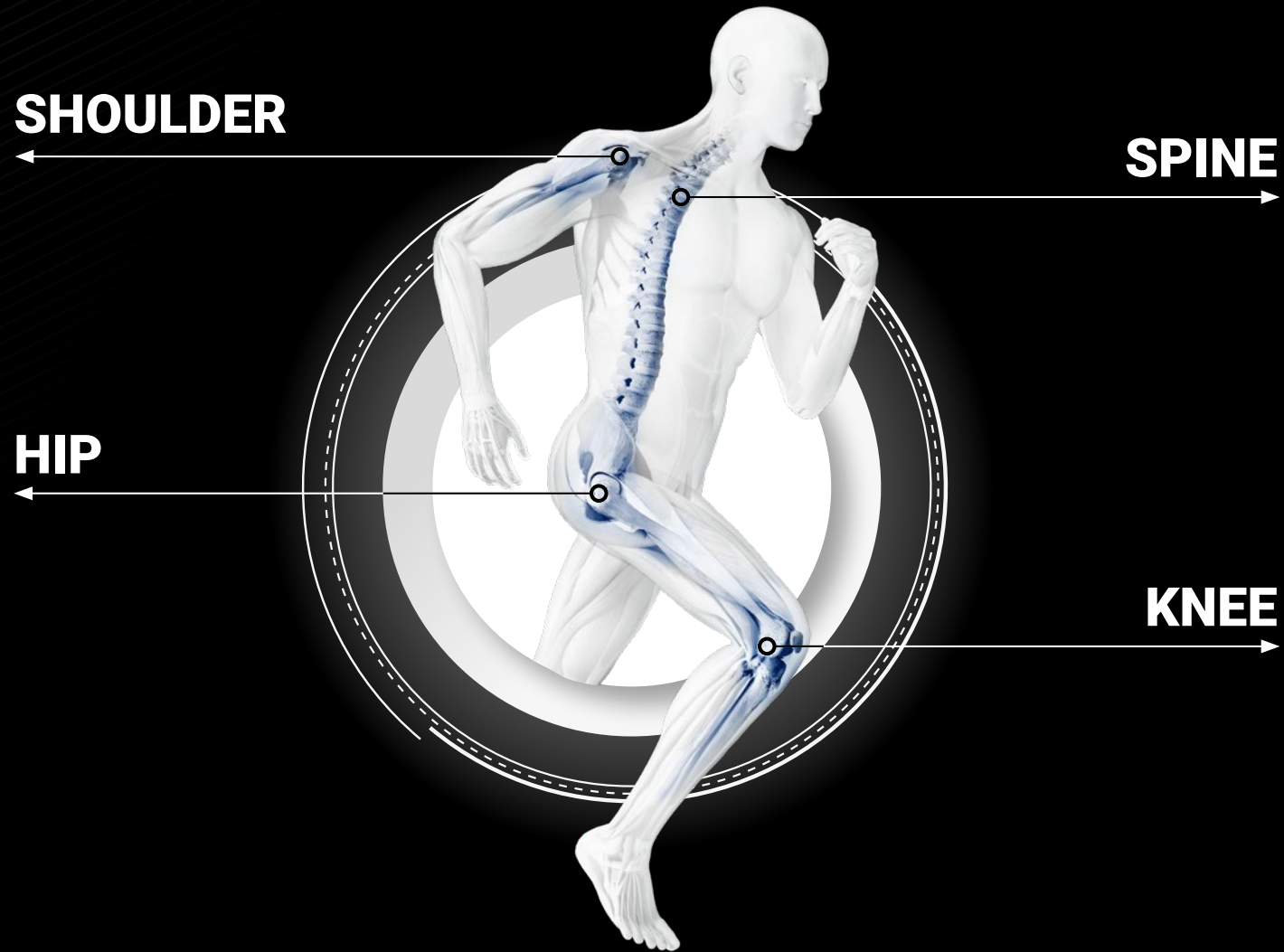
**Low capital investment  
& cost per case**



**Perfectly suited to ASC as  
well as hospital usage**



**A single platform** for all your procedures





Strada Regina - 6874 Castel San Pietro - Switzerland

Phone +41 91 696 60 60 - Fax +41 91 696 60 66

**[www.medacta.com](http://www.medacta.com) - [info@medacta.ch](mailto:info@medacta.ch)**

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