



2

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**

4





20mm 6mm

LOS Right

3 mm

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.

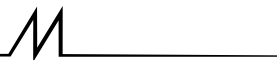
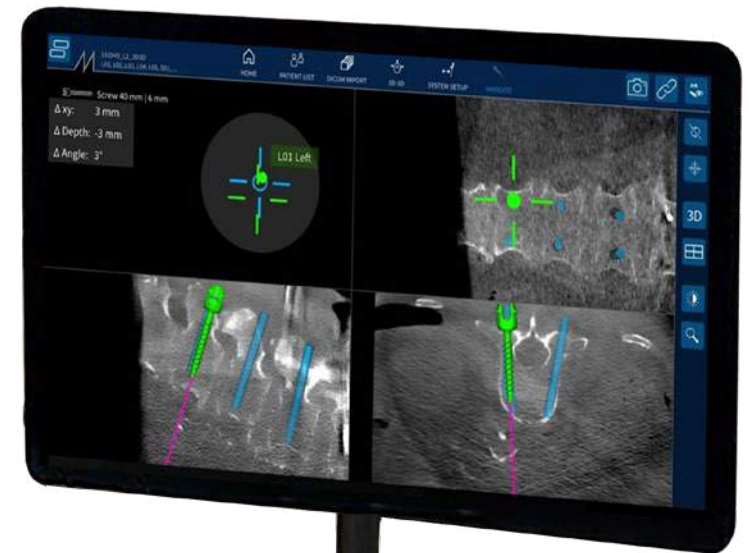
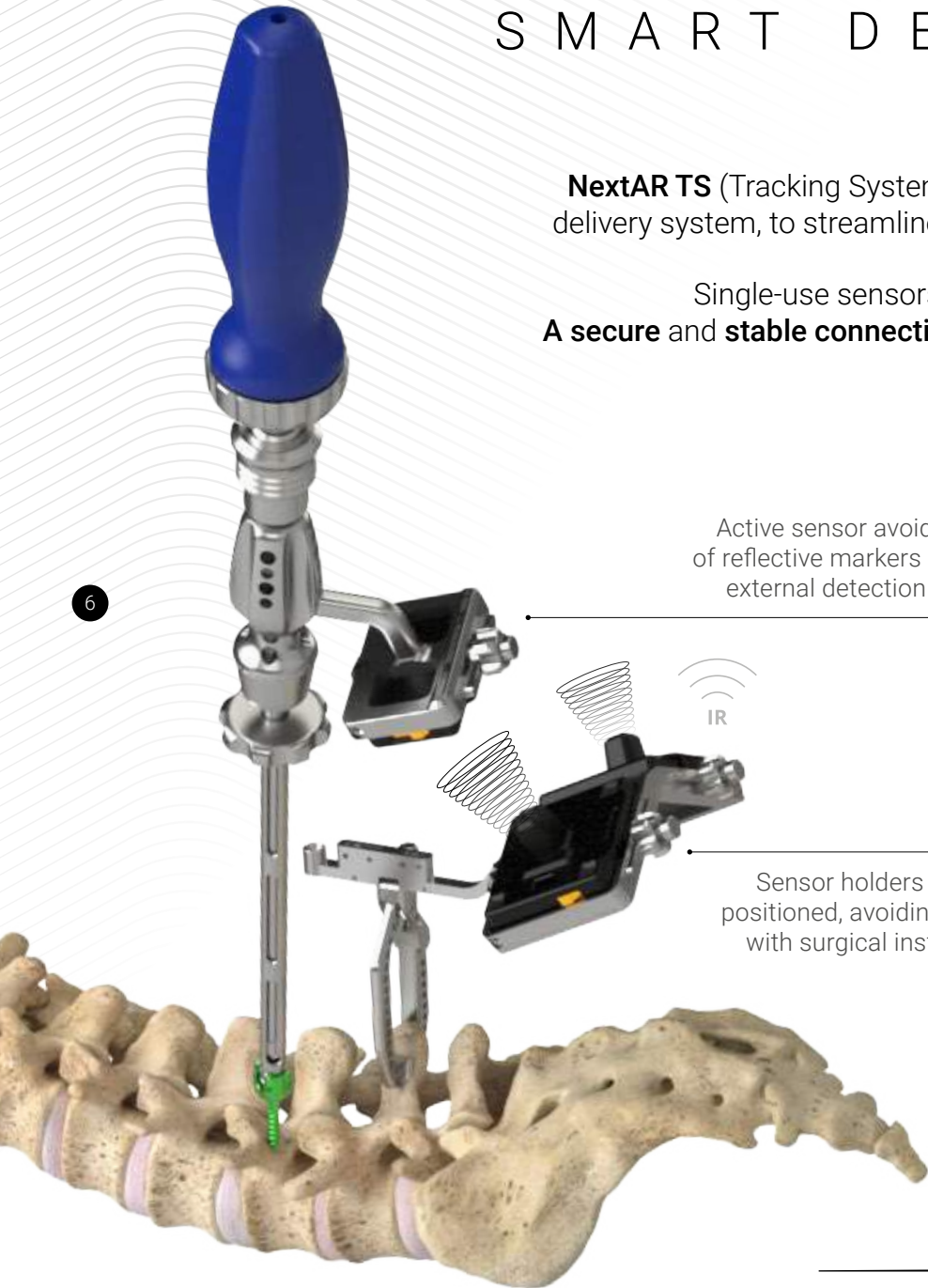
Single-use sensors mounted close to the treated levels.


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.

6

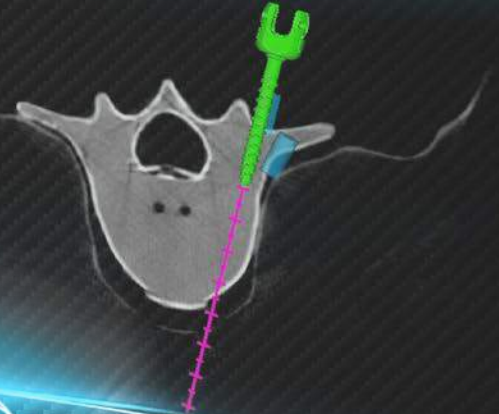
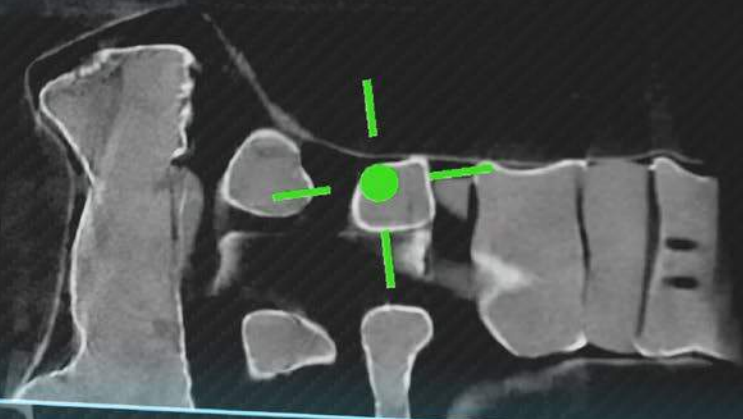
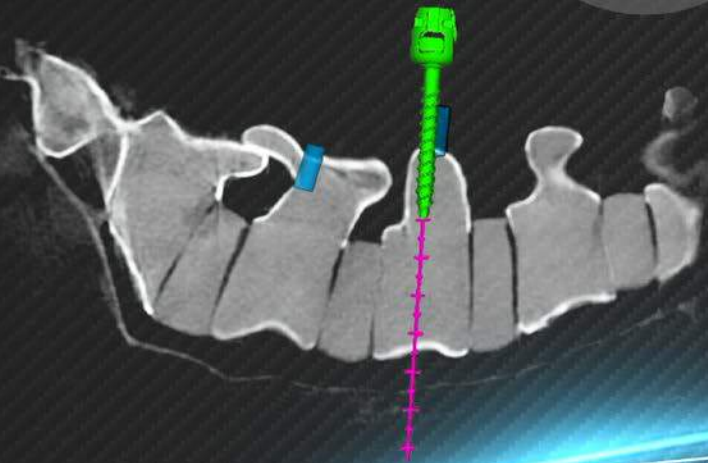


 Screw 40 mm | 5 mm

$\Delta xy:$ 3 mm

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

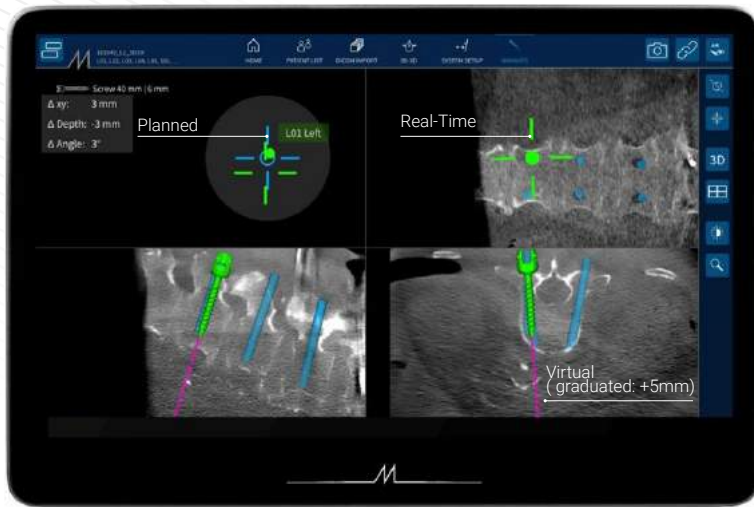
$\Delta \text{Angle:}$ 3°



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.



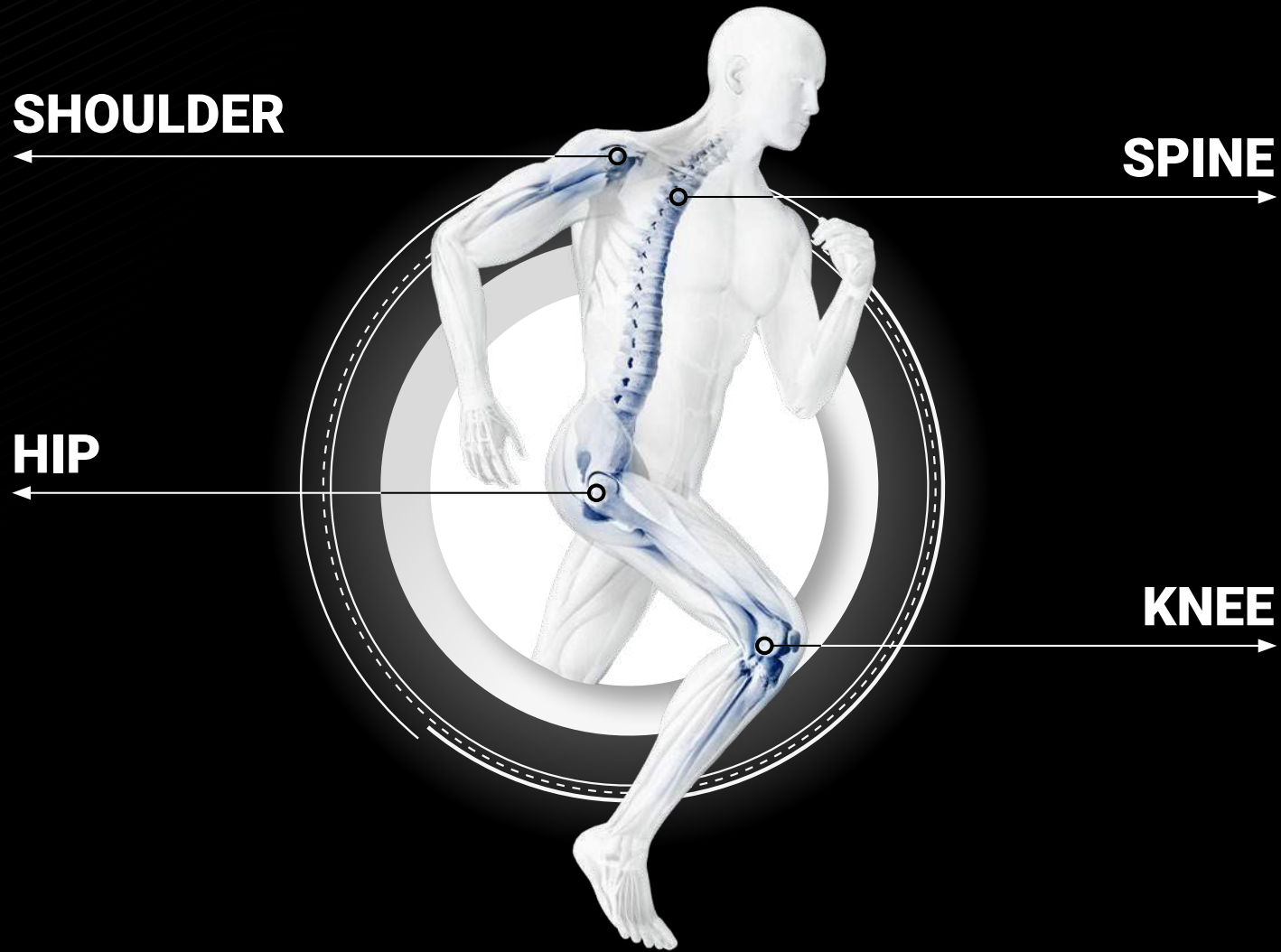
**Low capital investment
& cost per case**



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



A single platform for all your procedures



10





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