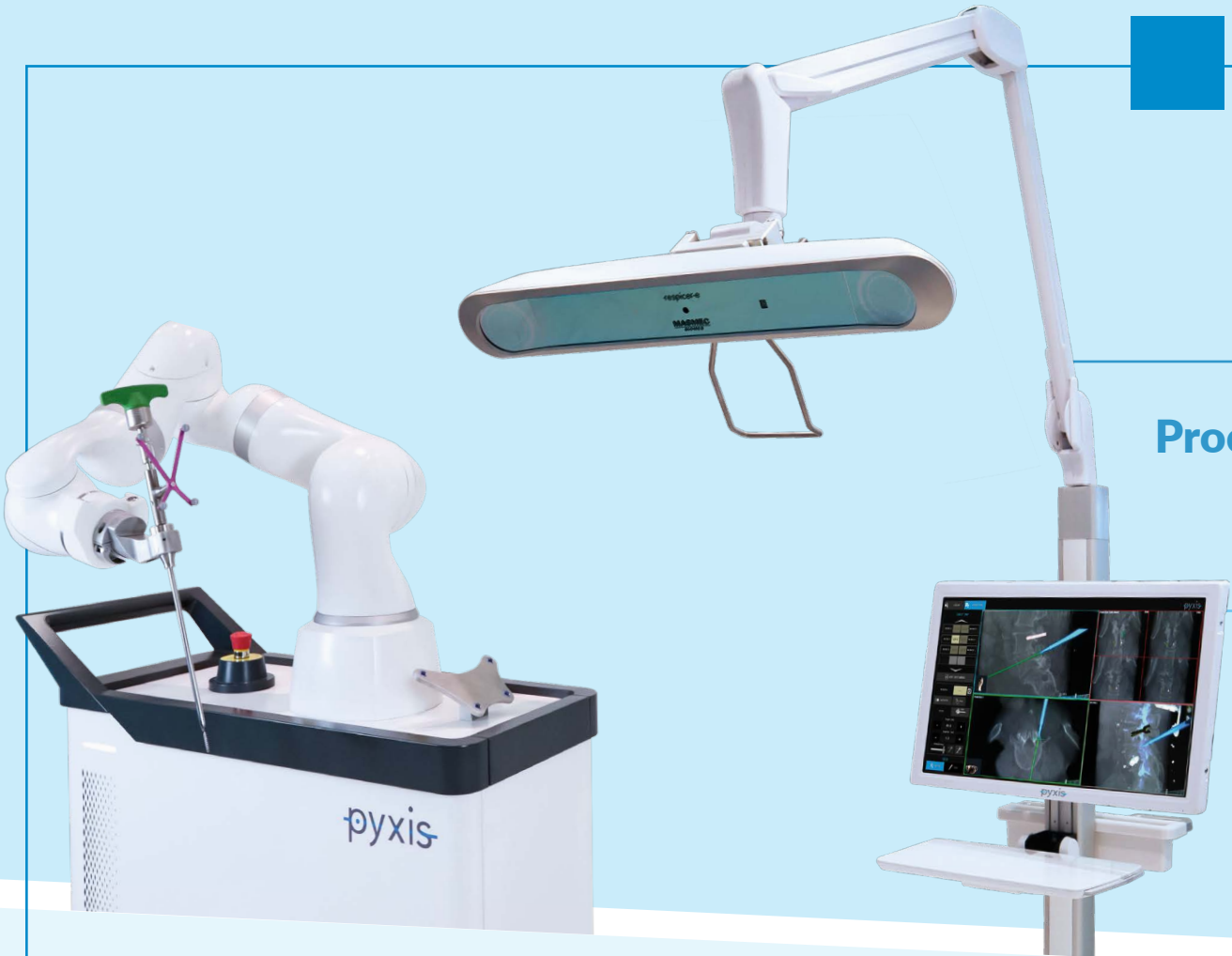# pyxis

ROBOTIC SURGICAL PLATFORM

MASMEC
BIOMED

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70026 Modugno (BA) – Italy
www.masmecbiomed.com

MASMEC
BIOMED

Moving spine surgery forward

Pyxis combines the precision of navigation with the stability of a robotic arm to support surgeons during spinal surgery.
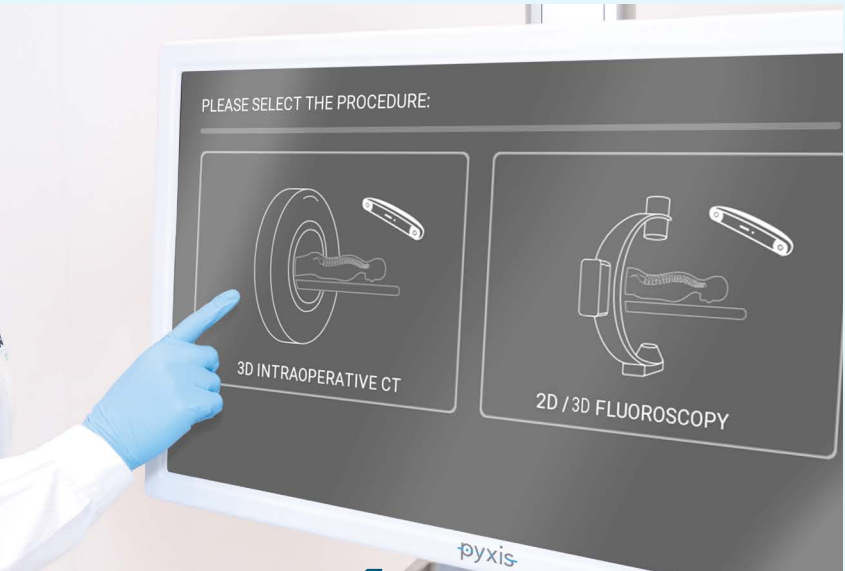
Alignment with planning

Procedure standardization

Control, accuracy, and efficiency

4 stages, one platform

IMAGING

PLANNING

ALIGNMENT

The robotic arm automatically aligns with the trajectories that the surgeon has planned in the navigation environment.
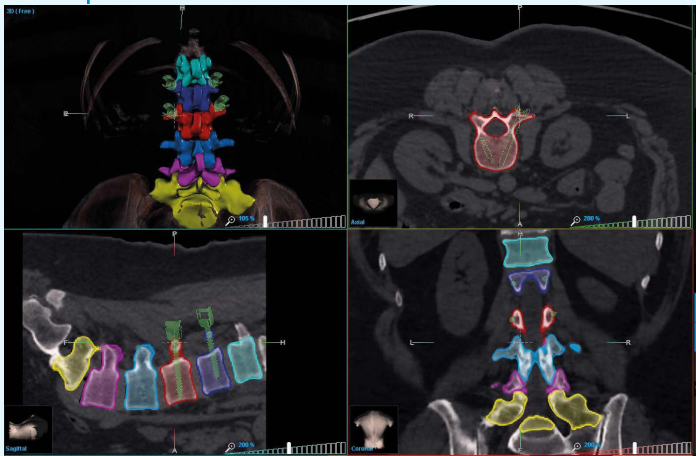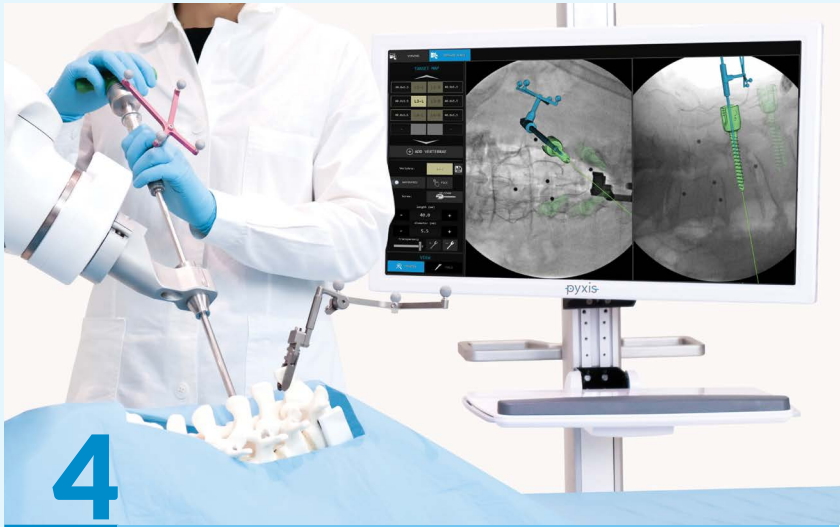
NAVIGATION

1 Pyxis is a flexible platform, which is compatible with all 2D and 3D radiological imaging systems.

2 The surgeon defines each patient's surgical plan pre-operatively, using a set of tools to visualise and segment areas of interest.

3

4 As the robot ensures stable positioning of instruments, the surgeon can focus on implant navigation and procedure.

They can monitor implants and instruments in real time with the navigation system.

PLEASE SELECT THE PROCEDURE:

3D INTRAOPERATIVE CT

2D / 3D FLUOROSCOPY

pyxis