

Freedom of Movement
User Friendliness
Patient Safety

Contouring

Intelligent
Anti-Collision

Location &
3D Imaging

body angel

anti-collision and location system

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Body Angel, the FOGALE exclusive and outstanding anti collision and location technology increases patient safety and surgery efficiency.*

This concept is based upon FOGALE high performance sensors and allows real time, non contact 3D Detection, Location and Imaging of the patient.

* Fogale patent

Non contact detection of the patient or objects with proximity sensors

The system relies on the principle of capacitive technology. It consists in several sensors, or measurement electrodes gathered into the antenna and connected to the electronics. The unique Fogale electronics allows to manage a huge number of sensors with never reached resolution and speed.

Compact and fast Electronics

Powered by a single voltage, the board communicates directly with an external information processing system such as CPU by a serial link.

Invisible electrodes and easy to integrate System

The capacitive technology allows an infinity of achievement possibilities for the sensors: plane, cubic, cylindrical, flexible, in every materials (insulating and conducting), deposited on a part, on a printed circuit almost nothing is impossible. The geometries, the materials and the techniques employed to produce a capacitive sensor are as varied as the considered applications. In contrast with other technologies, the capacitive sensors can measure a distance to a body through a multitude of materials featuring plastics, glass (translucent or not), Moreover the Fogale sensors are completely transparent for X-rays. The great diversity of the shapes and the lightness of the capacitive sensors allow to integrate this technology in many machines without modifying neither the design nor the external aspect.

Benefits

Antenna

- Capacitive technology
- Easy integration
- X-ray transparent

Staff

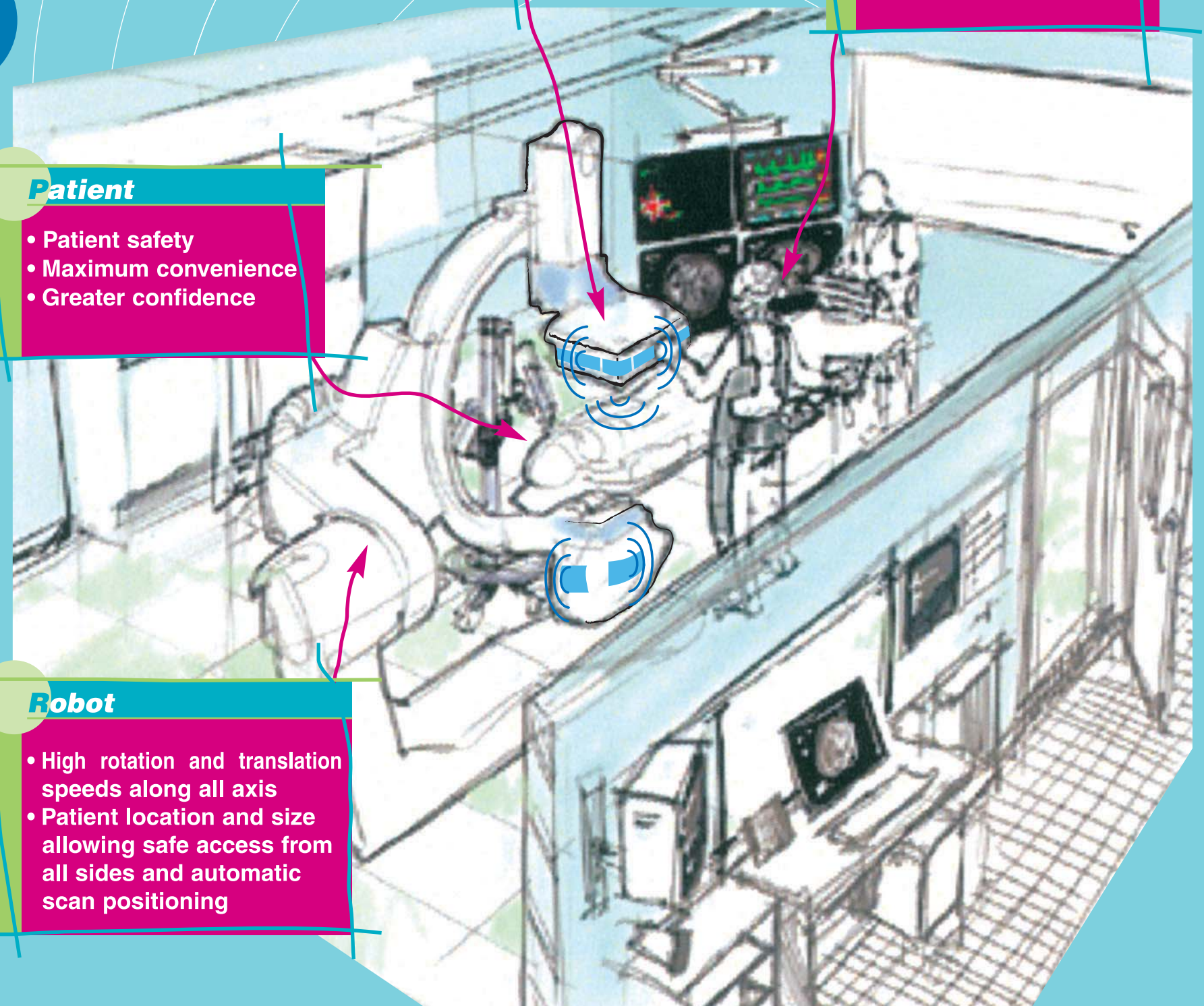
- Staff safety
- Easy and safe scan movements

Patient

- Patient safety
- Maximum convenience
- Greater confidence

Robot

- High rotation and translation speeds along all axis
- Patient location and size allowing safe access from all sides and automatic scan positioning



FOGALE Nanotech, worldwide known
as the reference in the field of high
accuracy dimensional metrology
based upon optical, capacitive,
inductive and ultrasound technologies,
provides standard,
specific and integrated solutions.



**Expertise and
Performance**

Our ability to support your business starts with our worldwide support, providing the service you deserve, wherever your business is located.

Our team of experts will help you for the setting-up of new systems and will provide a whole range of after sales assistance (on-site calibration, training, technical assistance, system up-grade).

Our extensive line of high accuracy dimensional metrology sensors and systems, our experience and know-how, our after sales support as well as our commitment will be the guarantee for your entire satisfaction.

For more information about our products, visit our website at

www.fogale.com



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