SIMULATION
SOLUTIONS



Please note that some solutions shown are not yet commercially available.

THE MISSING PIECE OF THE UPRIGHT PARADIGM

Early treatments, dating back to the 1940s, were administered with patients in an upright position, reflecting the natural state of the body. This approach was logical. However, the late diagnosis of many patients, often leaving them too ill to stand, posed significant challenges.

Today, medical centers worldwide are returning to the more natural position and incorporating upright treatments into their clinical practices. A crucial factor in this paradigm has always been imaging – the missing piece. That is, **until now**.

SOLUTIONS THAT GROW WITH YOU

As upright treatment volumes increase, our simulation solutions expand with your department.

By adding dedicated simulation and imaging devices, you can keep your treatment room focused on patient care, maximising throughput and clinical efficiency.



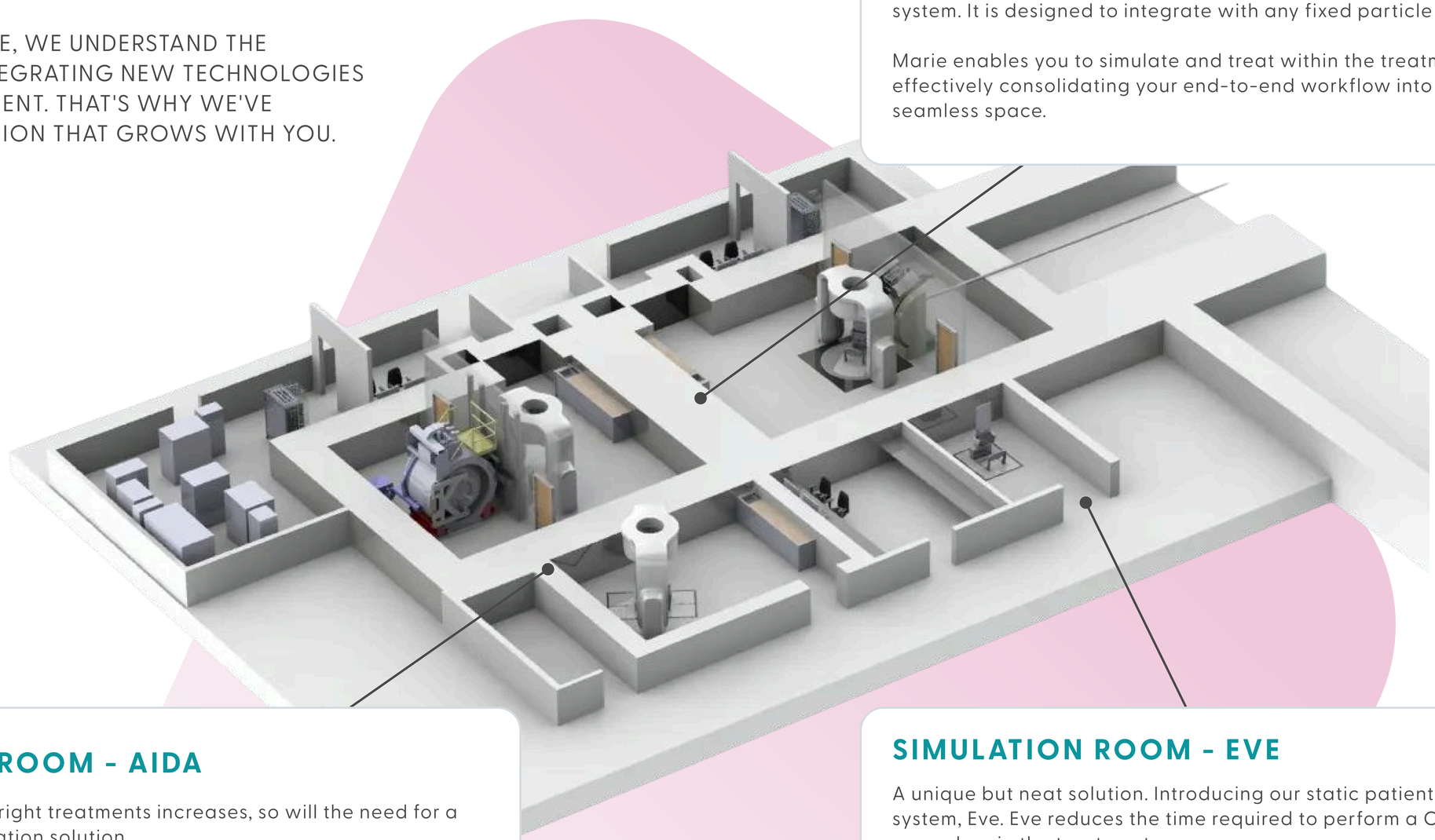
SOLUTIONS THAT GROW YOUR UPRIGHT DEPARTMENT

AT LEO CANCER CARE, WE UNDERSTAND THE CHALLENGES OF INTEGRATING NEW TECHNOLOGIES INTO YOUR DEPARTMENT. THAT'S WHY WE'VE DEVELOPED A SOLUTION THAT GROWS WITH YOU.

TREATMENT ROOM

Marie is our beam-agnostic particle therapy solution featuring an upright fan-beam CT scanner and upright patient-positioning system. It is designed to integrate with any fixed particle beam.

Marie enables you to simulate and treat within the treatment room effectively consolidating your end-to-end workflow into one seamless space.



SIMULATION ROOM - AIDA

As the demand for upright treatments increases, so will the need for a stand-alone CT simulation solution.

Aida is our upright fan-beam CT scanner. Placed in a dedicated imaging and simulation space, separate from the treatment room, it improves workflow and increases patient throughput.

SIMULATION ROOM - EVE

A unique but neat solution. Introducing our static patient positioning system, Eve. Eve reduces the time required to perform a CT planning procedure in the treatment room.

By enabling users to create treatment devices outside of the treatment room, it drastically cuts down the time needed for CT planning, ensuring a more efficient workflow and increased throughput

MEET EVE-SIM

Eve-Sim is our static upright patient positioning system for use outside the treatment room. Patients can experience and practice their treatment setup in a low-stress environment, helping them feel more comfortable and confident.
It also allows staff to train, test, and refine workflows without affecting clinical operations, enabling teams to optimize precision and efficiency before entering the treatment room.

FEATURES AND BENEFITS

- ENABLES USERS TO CREATE IMMOBILISATION SOLUTIONS REDUCING TIME NEEDED FOR CT PLANNING IN THE TREATMENT ROOM
- DELIVERS THE OPPORTUNITY FOR DEDICATED PATIENT EDUCATION
- PROVIDES A PLATFORM FOR STAFF TRAINING AND RESEARCH

*Not currently available, pending regulatory clearance in some markets

PATIENT POSITIONING SYSTEM

Backrest Angles: ±15° from vertical
Seat Column Height: 47.5 cm
Seat Pan Angle: From 0° to 60°
Shin and Heel Support: 5 cm/s



MEET AIDA®

Named after Florence Ada Stoney, the UK's first female radiologist, Aida integrates upright positioning with and CT imaging. The result is a purpose-built upright simulation solution that enhances and expands your department's capabilities.

FEATURES AND BENEFITS

- DEDICATED UPRIGHT CT SIMULATION SOLUTION
- GIVING BACK CRUCIAL TIME IN THE TREATMENT ROOM
- ALLOWS FOR TRAINING AND TESTING
- IMPROVED PATIENT AND CLINICIAN EXPERIENCE

*Not currently available, pending regulatory clearance in some markets

CT SCANNER

Bore Size: 84 cm
Field of View: 62.3 cm
Imaging Energies: 120 kV
Gantry Tilt Angle: +15°
Travel Range: 160 cm
Slice Thickness: 1, 2, 3, 4 mm
Number of rows: 32

PATIENT POSITIONING SYSTEM

Backrest Angles: ±15° from vertical
Seat Column Height: 47.5 cm
Seat Pan Angle: From 0° to 60°
Shin and Heel Support: 5 cm/s



Please note: The Aida product is made up of the main components of the Marie solution to enable imaging outside of the treatment room. Some solutions shown are not yet commercially available pending regulatory clearance in some markets.

LEO

CANCER CARE



// I've been interested in upright treatments for quite a while now, probably eight or nine years and became convinced through that work that it is not just an alternative way to treat patients but it's a better way to treat patients. //

Laurence E. Court Ph.D

// The idea of vertical positioning is likely the way forward in terms of cost-effectiveness and workflow efficiencies. //

Tony Lomax Ph.D



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