



# Omni Legend

## ANSWERS AT THE SPEED OF SIGHT

As a nuclear medicine physician, you need a PET/CT platform that delivers state-of-the-art images without slowing down your team. Introducing Omni Legend. As the first system built on our all-digital platform, Omni Legend was designed to deliver exceptional images while also making vast improvements to the entire scanning process. The platform's all-new detector design and innovative deep learning technology\* make it an industry-leading platform that will empower your team with exemplary diagnostic confidence now and in the future.





## IMAGE QUALITY

### Omni Digital Detector

The all-new detector harnesses the power of dBGO with a small crystal size capable of producing high-resolution images to deliver the highest sensitivity per cm in the market.<sup>1</sup> Plus, the detector assembly is engineered for upgrades that allow for an axial field-of-view scalable up to 128 cm.

### Precision DL\* software

Precision DL\* is engineered with a sophisticated deep neural network trained on thousands of images made with multiple reconstruction methods to achieve better contrast-to-noise ratio and contrast recovery.

### Q.Clear and MotionFree

To ensure reliable results, Omni Legend includes Q.Clear image reconstruction (BSREM) and MotionFree, our deviceless respiratory motion correction technology.

#### ♥ WHY YOU WILL LOVE IT

The high sensitivity of the detector and large field-of-view can enable you to complete ultra-fast routine whole-body imaging in four minutes (image shown is from a four-minute scan<sup>\*\*</sup>)

With Precision DL\*, you get better small, low-contrast lesion detectability than found on our conventional Time-of-Flight scanner<sup>2</sup>

You can feel confident in the accuracy of your results with Q.Clear and MotionFree



#### CAPABILITIES

### Flexible platform design

Omni Legend allows you to dial up or down for speed, dose and image quality. The scalable platform can be optimized for both current and emerging tracers as well as for procedures beyond oncology such as cardiac and neuro imaging.

#### ♥ WHY YOU WILL LOVE IT

You can customize scans for each patient

You will have the capability to image the diagnostics portion of theranostics



#### WORKFLOW

### Auto Positioning

The innovative Auto Positioning feature creates a hands-free positioning experience for technologists and streamlines patient setup.

#### ♥ WHY YOU WILL LOVE IT

Your technologists can work more efficiently and focus on the comfort of your patients



#### PATIENT EXPERIENCE

### Improved patient comfort

In order to create a calming mood, the system includes LED ambient lighting and a graphic pattern on the upper area of the bore that may alleviate patient stress.

#### ♥ WHY YOU WILL LOVE IT

Reduced movement in nervous patients can lead to clearer images

<sup>\*</sup>Omni Legend and Precision DL are CE marked. Omni Legend is 510(k)-cleared by the U.S. FDA. Precision DL is 510(k) pending with the U.S. FDA. Not available for sale in the United States. Any clinical image shown that was processed with Precision DL was obtained from an investigational device, limited by U.S. law to investigational use.

<sup>\*\*</sup>Sample clinical scan. Required scan time may vary per case.

<sup>1</sup>Data on file.

<sup>2</sup>Omni Legend 32 cm with Precision DL\* increases small, low-contrast lesion detectability by 42% on average as compared to a premium digital ToF PET/CT at matched scan time and injected dose.