



# Symbia SPECT

Symbia Evo Excel and Symbia Evo

[siemens.com/SymbiaSPECT](https://www.siemens.com/SymbiaSPECT)



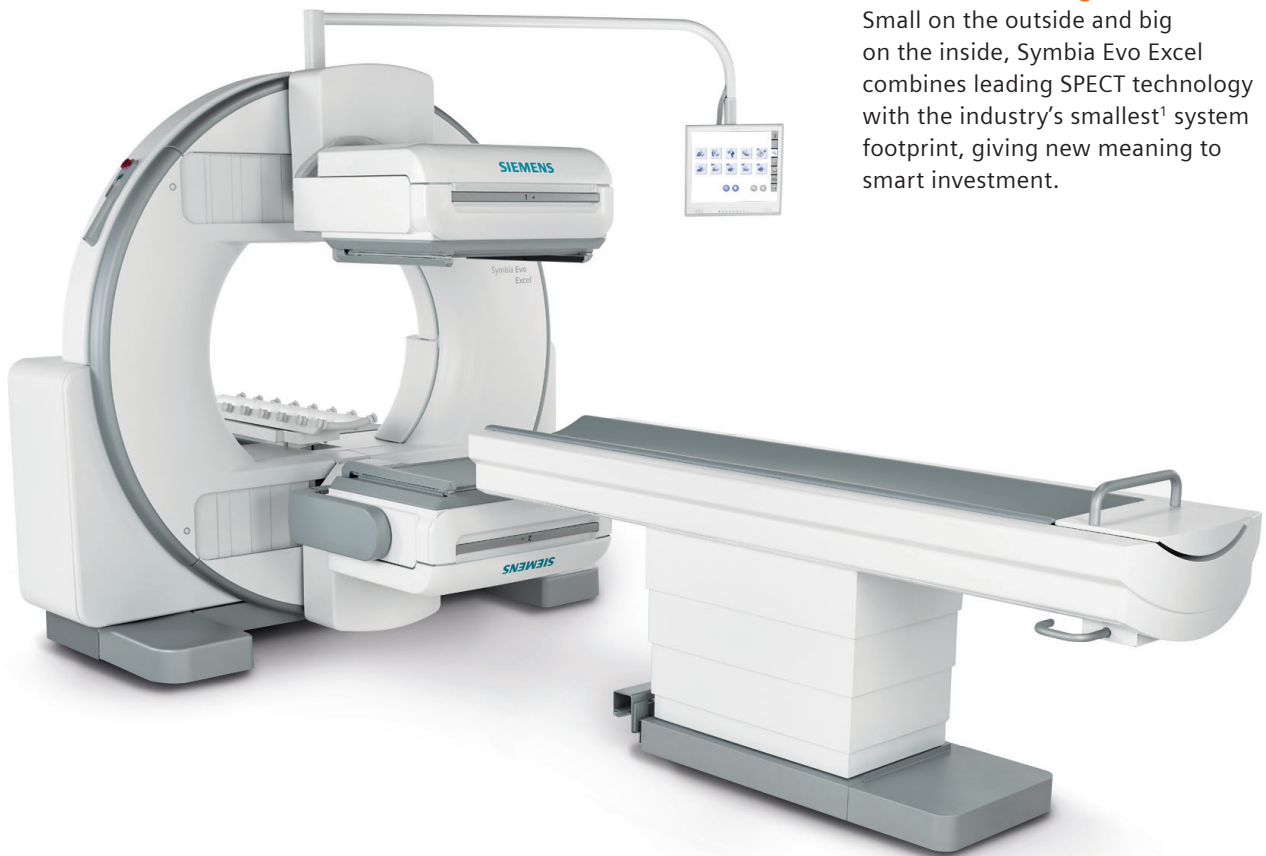
# Symbia SPECT portfolio

Our Symbia™ SPECT portfolio is designed to maximize the value molecular imaging can bring to your institution. Symbia Evo™ Excel and Symbia Evo promote sustainable growth by enhancing your ability to serve an increasingly diverse patient population, modernize amid budget constraints, and increase system utilization.

## Symbia Evo Excel

**Small is the new big.**

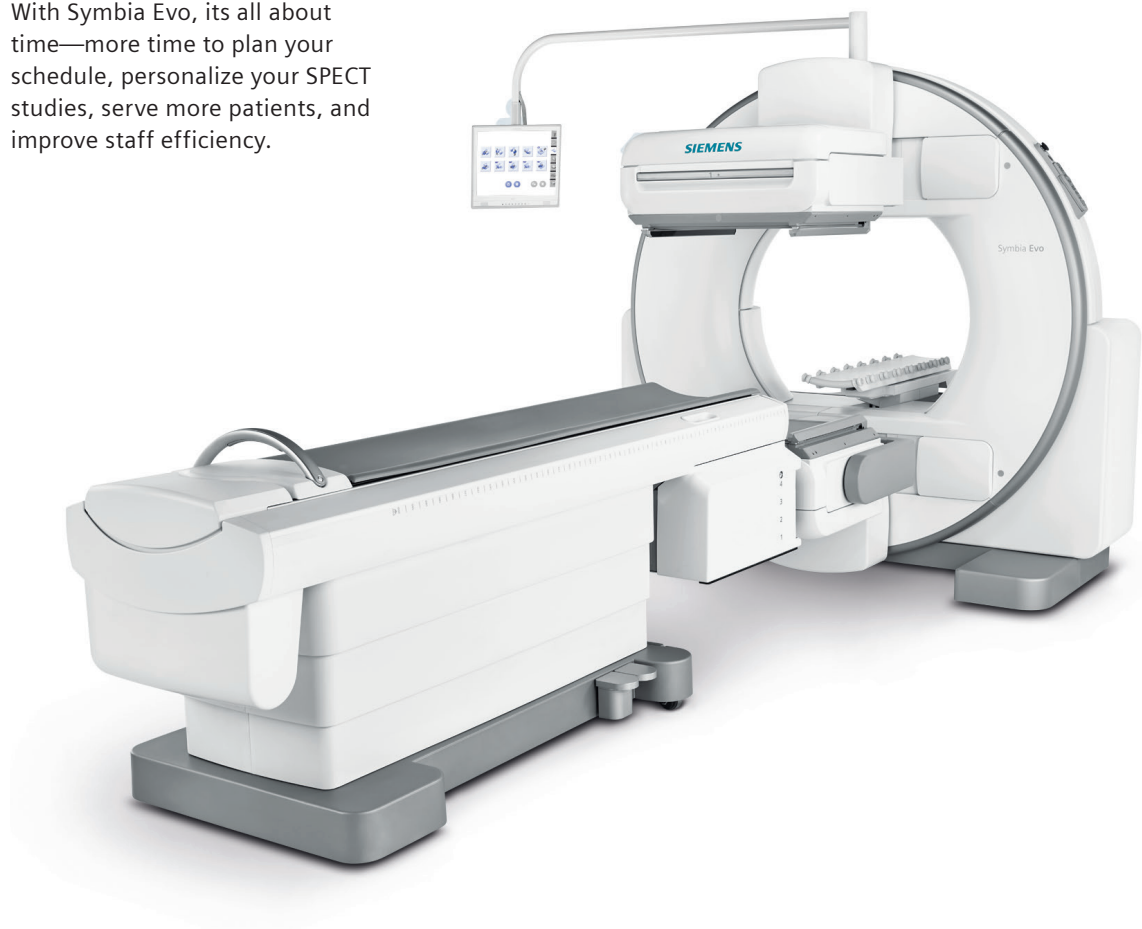
Small on the outside and big on the inside, Symbia Evo Excel combines leading SPECT technology with the industry's smallest<sup>1</sup> system footprint, giving new meaning to smart investment.



## Symbia Evo

**It's about time.**

With Symbia Evo, it's all about time—more time to plan your schedule, personalize your SPECT studies, serve more patients, and improve staff efficiency.



## Read with confidence

Reliable and reproducible clinical information is vital to support sound physician decision-making. The low sensitivity and sub-par reconstruction techniques of traditional SPECT systems can limit the amount of clinical information available to physicians.

Equipped with leading high-definition detector technology, Symbia Evo Excel and Symbia Evo offer the highest<sup>1</sup> collimator sensitivity and the best<sup>1</sup> NEMA-reconstructed resolution.

With industry-leading<sup>1</sup> image quality, Symbia Evo and Symbia Evo Excel deliver accurate and reproducible clinical information to support your diagnostic confidence, potentially leading to improved clinical outcomes and reduced readmission rates.

**Improve lesion detection and characterization with up to 24%<sup>1</sup> higher NEMA-reconstructed resolution.**







Reduce the need for additional studies with outstanding image quality and industry-leading<sup>1</sup> NEMA sensitivity of 202 cpm/ $\mu$ Ci.

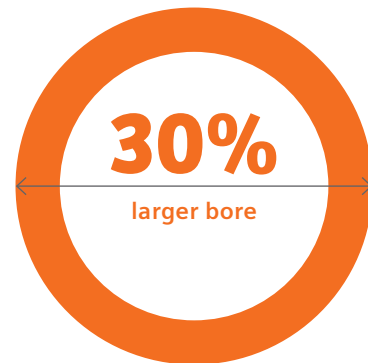
# Image every<sup>2</sup> patient

Delivering high-quality care means being able to scan every<sup>2</sup> patient regardless of their size or condition.<sup>2</sup> Most SPECT systems today are limited in their ability to image large patients and often are not flexible enough to accommodate critically ill patients who are unable to move.

With exceptional detector flexibility, Symbia Evo Excel and Symbia Evo support gurney and hospital bed imaging. The patient beds support up to 227 kg (500 lb), while the lowest bed position offers easy access to patients with limited mobility.

Increase your scannable population and improve patient comfort with a 30%<sup>3</sup> larger bore; a high-capacity, low-height patient bed; and gurney and hospital bed imaging capabilities.

**Improve the comfort and satisfaction of large or claustrophobic patients with a 30%<sup>3</sup> larger bore and shorter tunnel length.**







Accommodate all patients up to 227 kg (500 lb)  
with Symbia's high-capacity bed.

# Optimize your investment with Symbia Evo Excel

Modernization is essential when managing the pressing demands of today's healthcare environment. With conventional SPECT systems, this often requires substantial time and cost, which includes renovation of existing infrastructure and additional unplanned spending.

Engineered to manage key life-cycle costs, Symbia Evo Excel is the most<sup>1</sup> cost-effective solution in its class. The system design addresses space requirements, as well as maintenance and serviceability, making it an investment that works for you.

With the smallest<sup>1</sup> room size in its class, up to 29%<sup>1</sup> smaller than conventional SPECT systems, Symbia Evo Excel significantly reduces costs associated with room remodeling and expansion. Lower up-front costs mean a faster return on investment, while lower life-cycle costs equate to a lower total cost of ownership.

**Minimize downtime and maximize workflow with a smooth transition to your new system, including installation in five days or less.**







With the smallest<sup>1</sup> room size in its class, Symbia Evo Excel fits into virtually any nuclear medicine exam room, often eliminating costly room renovation and expansion.

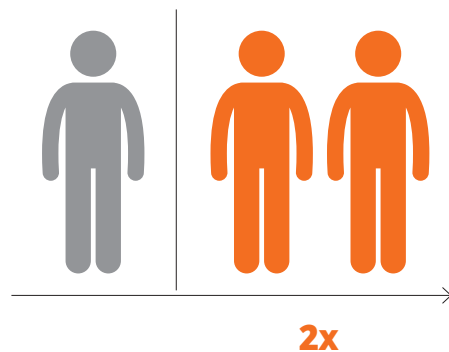
# Double your throughput with Symbia Evo

The long exam times and routine manual tasks of conventional SPECT systems often limit workflow efficiency, consuming time and resources that could be directed toward more valuable patient-oriented activities.

Symbia Evo automates your routine tasks with exclusive features, such as Automatic Quality Control and Automatic Collimator Changer. Cardiac throughput can also be significantly improved with IQ•SPECT's™ four-minute acquisition.

With a focus on increasing your productivity, Symbia Evo offers you the ability to save up to 50%<sup>1</sup> more time and the potential to double patient throughput.

**Optimize operational efficiency and increase utilization for the potential to double your patient throughput.**

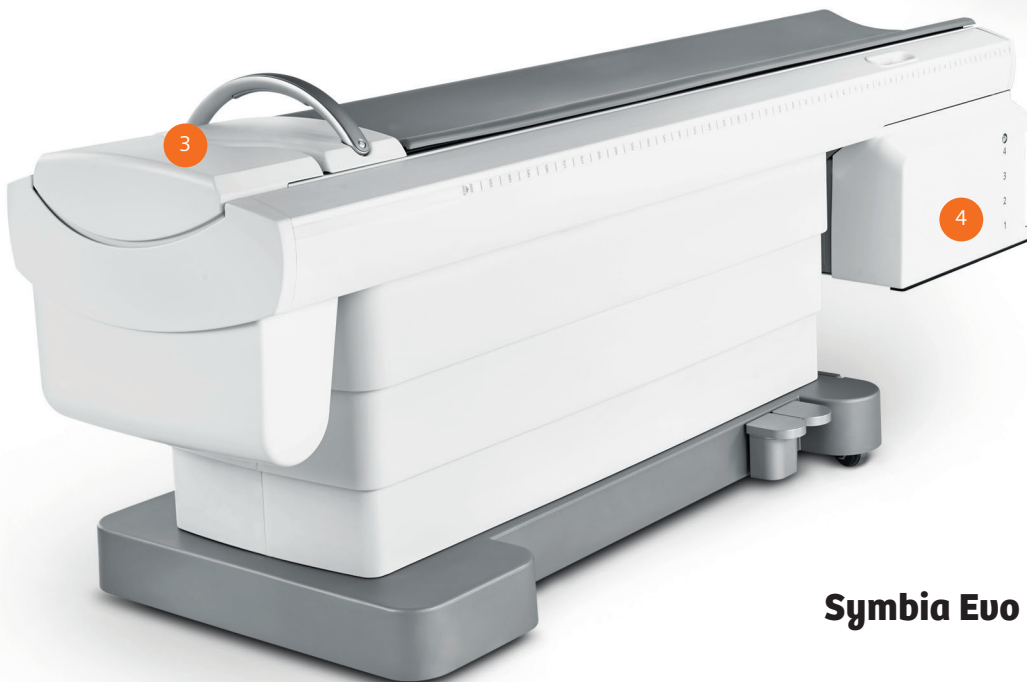




Eliminate manual tasks that consume valuable time and resources.

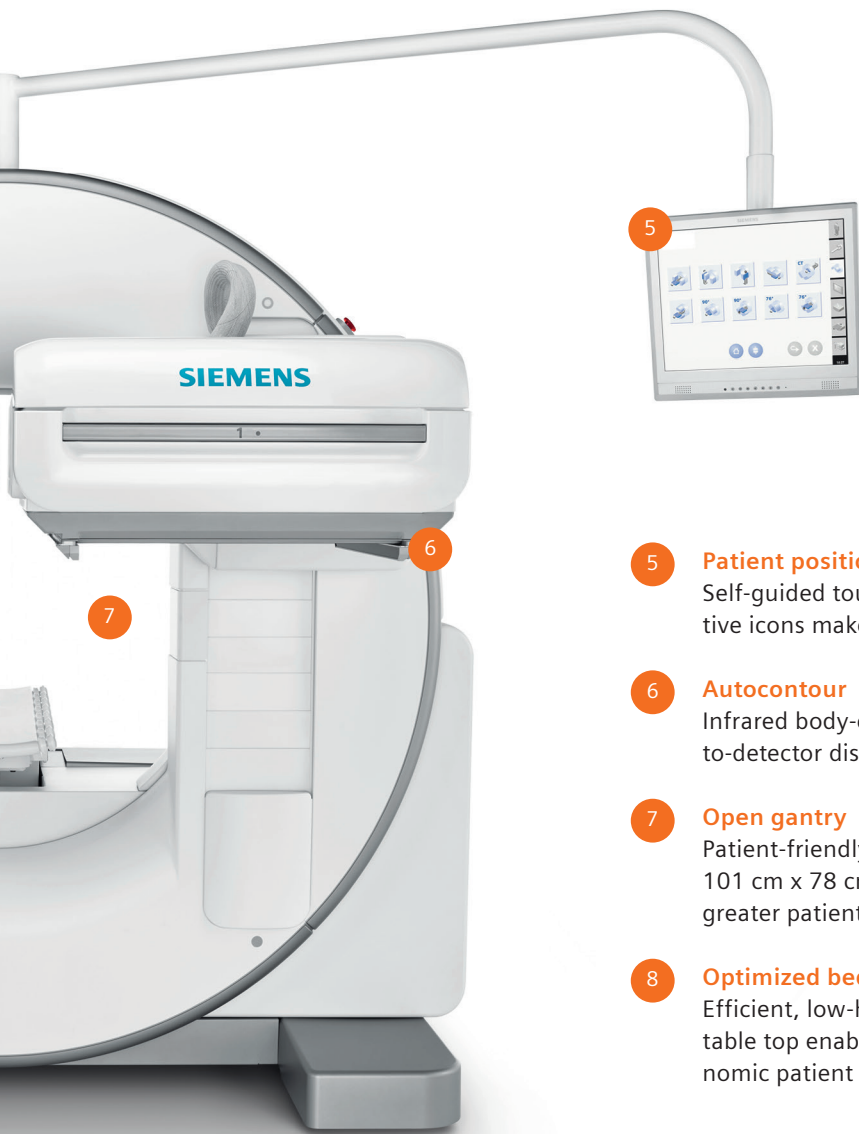
# Base system highlights

- 1 HD detectors**  
High-definition digital detectors that deliver the best<sup>1</sup> image quality and provide energy-independent performance
- 2 Detector tilt**  
Wide variety of detector configurations adjustable to any study and patient type
- 3 Internal electrocardiogram (ECG)**  
ECG integrated into the patient bed for fast setup and fewer cumbersome cables
- 4 Integrated collimator changer**  
Collimator storage underneath the patient bed eliminates the need for a collimator cart



**Symbia Evo**





- 5 Patient positioning monitor**  
Self-guided touch screen user interface with intuitive icons makes patient setup easier
- 6 Autocontour**  
Infrared body-contour system minimizes patient-to-detector distance for optimal image resolution
- 7 Open gantry**  
Patient-friendly integrated gantry design with 101 cm x 78 cm (40.2 in x 30.7 in) opening for greater patient comfort regardless of size
- 8 Optimized bed design**  
Efficient, low-height patient bed with movable table top enables easy access and use of ergonomic patient comfort accessories

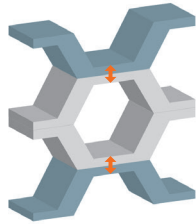


## Symbia Evo Excel

# Key features

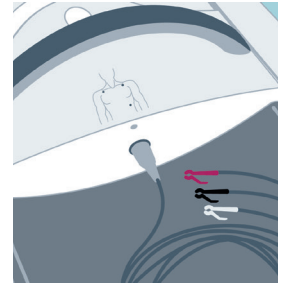
## AUTOFORM™

- Unique LEHR collimators
- 26%<sup>1</sup> higher sensitivity



## Integrated ECG

- Fast patient set-up
- No additional space/cables



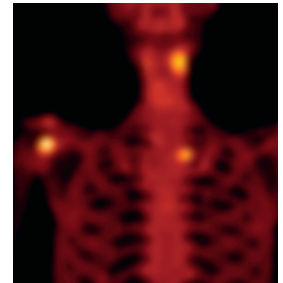
## Detector flexibility

- Gurney and hospital bed imaging
- Detector tilt
- 76° cardiac configuration



## Flash 3D

- 3D interactive reconstruction
- Cardiac half-time or half-dose imaging
- Highest<sup>1</sup> reconstructed resolution



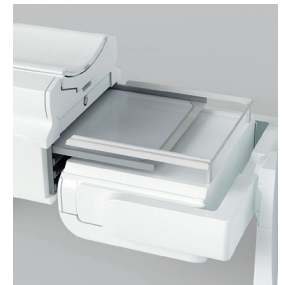
## AQC

- Automatic Quality Control
- Saves up to 1 hour each day



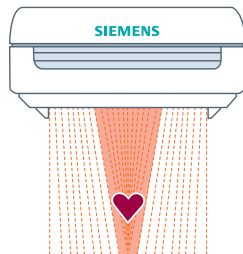
## ACC

- Automatic Collimator Changer
- 4 collimators integrated into system bed



## IQ•SPECT

- Ultra-fast cardiac imaging
- Up to 80%<sup>1</sup> lower injected dose or faster imaging



## e.Media

- Integrated entertainment solution
- Helps keep patients still and comfortable



# Standard and optional features

| Feature                       | Symbia Evo Excel | Symbia Evo |
|-------------------------------|------------------|------------|
| AUTOFORM collimators          | ●                | ●          |
| Detector flexibility          | ●                | ●          |
| Flash 3D                      | ○                | ●          |
| e.Media                       | ○                | ○          |
| Integrated ECG                | –                | ○          |
| Integrated Collimator Changer | –                | ○          |
| Automatic Collimator Changer  | –                | ○          |
| Automatic Quality Control     | –                | ○          |
| IQ•SPECT                      | –                | ○          |
| Pediatric pallet              | –                | ○          |
| Mammography pallet            | –                | ○          |
| Siemens ImageGuard™           | ○                | ●          |

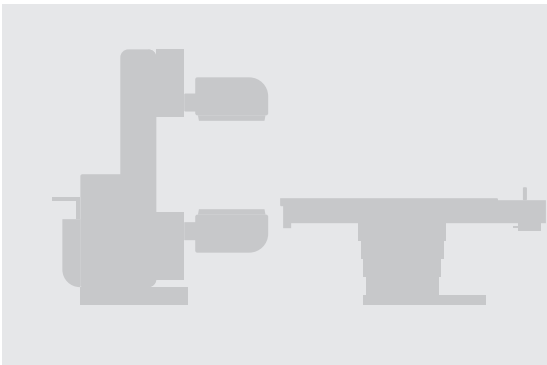
● Standard   ○ Optional   – N/A

# Symbia upgrade path

Clinical and technological requirements in nuclear medicine are evolving rapidly. To accommodate the ever-changing needs of healthcare facilities, physicians, and patients, our Symbia family of SPECT and SPECT/CT systems is fully scalable and can be tailored to meet your clinical, operational, and financial objectives.

## Symbia Evo Excel

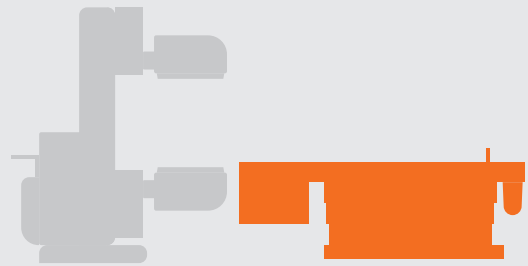
SPECT



- General-purpose SPECT
- Smallest<sup>1</sup> footprint in its class

## Symbia Evo

SPECT



- General-purpose SPECT
- Integrated Collimator Changer
- Automatic Collimator Changer
- Automatic Quality Control
- Integrated ECG
- Specialty pallets
- IQ•SPECT



## Symbia Intevo Excel

SPECT/CT



- General-purpose SPECT/CT
- 2-slice CT for attenuation correction
- Integrated Collimator Changer
- Automatic Collimator Changer
- Automatic Quality Control
- Integrated ECG
- Specialty pallets
- IQ•SPECT

## Symbia Intevo and Symbia Intevo Bold

SPECT/CT



- General-purpose SPECT/CT
- 2-, 6- and 16-slice all-purpose CT
- 32-slice reconstruction (Symbia Intevo Bold™ only)
- xSPECT Bone™
- xSPECT Quant™
- Calcium Scoring
- CT iterative reconstruction
- Metal artifact reduction (Symbia Intevo Bold only)
- Dual Energy CT (Symbia Intevo Bold only)
- Integrated Collimator Changer
- Automatic Collimator Changer
- Automatic Quality Control
- Integrated ECG
- Specialty pallets
- IQ•SPECT

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<sup>1</sup> Based on competitive literature available at time of publication. Data on file.

<sup>2</sup> Patients up to 227 kg (500 lb).

<sup>3</sup> Compared to previous systems.

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