



# Time-of-Flight technology within your reach

## Philips TruFlight Select PET/CT system

As the leader in Time-of-Flight (ToF) technology, Philips introduces another first. State-of-the-art ToF PET technology is now standard across the family of PET/CT systems. Never before has ToF been so accessible. ToF is an inherent feature in every Philips PET/CT system. The TruFlight Select PET/CT provides customers with enhanced image quality and speed. Diagnostic CT capabilities allow the system to be used not only for PET/CT scans, but also for standalone CT scans, thereby serving a dual purpose. Philips has optimized its systems technologically, clinically, and operationally to fit within your individual needs.

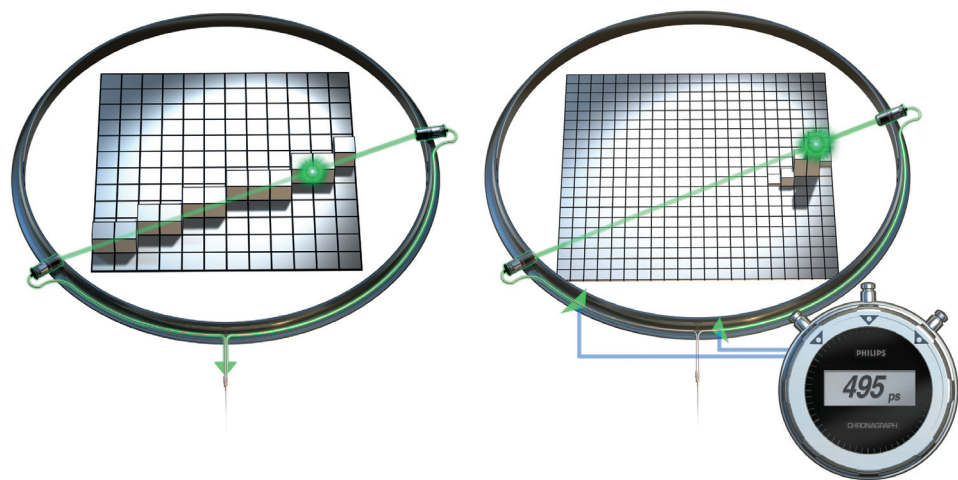
### Key advantages

- Cost-saving benefits from low system costs and the ability to utilize short lived isotopes
- Time-of-Flight provides exceptional image quality
- Enhanced speed, productivity and throughput with the Extended Brilliance Workspace for Nuclear Medicine

**PHILIPS**  
sense and simplicity

# High value investment

Philips was the first to commercially launch ToF technology and we have continued to perfect it over the years. Philips ToF provides outstanding image quality and solid results. Through our clinical leadership, we are able to provide it at exceptional prices.



In conventional PET imaging, it's only possible to know that a coincident event has taken place on the line of response, but not the actual location of the event.

Time-of-Flight technology uses the actual time difference between the detection of coincident events to more accurately identify the origin of the annihilation. Better identification leads to a quantifiable improvement in image quality.

## Enhances the patient experience

The Philips patented OpenView gantry design enhances the patient experience, especially for claustrophobic and pediatric patients, and provides patient access for clinicians.

## Provides optimized workflow

The TruFlight Select PET/CT offers streamlined operations including QC workflow, system startup and shutdown, and QC alignment. The Extended Brilliance Workspace for Nuclear Medicine (EBW NM) is an optional comprehensive portfolio of applications, providing PET, SPECT, and CT on the same platform for improved access, connectivity, filming, and reporting.

Advanced features		
State-of-the-art LYSO crystal and detector technologies	Superb system sensitivity	Improves image quality, fast scans with the right choice of crystal and detector technologies
High-definition PET reconstruction and image processing	4D ToF	Offers excellent image performance for PET applications in oncology and cardiology
190 cm scan length for both PET and CT	70 cm CT extended field of view	Optimizes image quality
		Allows for improved accuracy by managing patient motion
		Provides true whole-body imaging for almost all patients in one scan
		Enhances oncology procedures



TruFlight Select PET/CT features a 70 cm CT extended field of view for oncology procedures.



EBW NM provides an optional comprehensive portfolio of applications, providing PET, SPECT and CT on the same platform for improved access, connectivity, filming, and reporting.



Fusion Viewer provides fused visualization of PET/CT studies.



4D ToF offers prospective CT and PET gating as well as retrospective CT respiratory-correlated imaging to help manage patient motion for PET, CT, and interventional applications.

### Improve your options

The optional Emory Cardiac Toolbox (ECTb)\* or AutoQUANT provide perfusion and viability analysis for myocardial assessment, while NeuroQ\*\* software provides analysis and quantification of regional cerebral activity from PET  $^{18}\text{F}$ FDG images. Tumor Tracking (optional) simplifies cancer patient management by allowing the comparison, analysis, and tracking of tumor progression with up to six sequential PET/CT studies.

\* Emory Cardiac Toolbox, ECTb are registered trademarks of Emory University.

\*\* NeuroQ is a trademark of Syntermed, Inc.



# Support within your reach

Premium performance begins with smarter technology. It continues with daily dedication. Philips Remote Services help keep your system up and running, simply and smoothly.

We're designing in even more automated and proactive alerting so that our over-the-shoulder remote services professionals are consistently closer to your system, doing what needs to be done, often before a situation becomes a problem.



Please visit [www.philips.com/truflightselect](http://www.philips.com/truflightselect)



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