

# HPCS – Healthcare Product Comparison System

▷ HEALTHCARE PRODUCT COMPARISON SYSTEM (HPCS)



UNDERSTAND how the technology works  
LEARN what's on the market worldwide  
SELECT the models of your choice to analyze  
CREATE model-specific comparison charts  
EXPORT data into MS Excel spreadsheets  
create custom tender documents (RFQs)  
... in the blink of an eye.

Backed by the experience,  
independence and integrity  
of ECRI Institute

**ECRI**Institute  
The Discipline of Science. The Integrity of Independence.

- ▶ What is HPCS?
- ▶ How it will help you?

# HPCS



## Introduction

HPCS is a comprehensive online service where you can quickly and easily shortlist and choose medical capital equipment based on their specifications and other essential information about cost containment, life cycle costs, purchase considerations, standards & guidelines, supplier information and reported device problems. Make sure you consider the relevant models, save time and even generate request for tenders effortlessly.

# HPCS - Features



Highlight key specifications, use specification comparison charts and select appropriate suppliers. Over 12,000 devices in more than 500 categories can be compared on a custom comparison chart. The most comprehensive database of its type is easy to navigate and searchable by any term such as name, area or price. Database includes images, details and cutsheets.

# HPCS

ECRI Institute Members - HPCS

Scanning Systems, CT (35)

Currently viewing: Comparison: Scanning Systems, CT

Filters: Manufacturer: Region: Marketed: Price: FDA Cleared: Result: 35

**GE Healthcare USA**

 BrightSpeed Elite List Price: \$1,020,000 FDA Cleared: Yes Marketed: Worldwide	 BrightSpeed Elite Select List Price: \$831,000 FDA Cleared: Yes Marketed: Worldwide	 CT750 HD List Price: \$3,200,000 FDA Cleared: Yes Marketed: Worldwide	 LightSpeed VCT List Price: FDA Cleared: Yes Marketed: Worldwide
 LightSpeed VCT Select List Price: \$1,600,000 FDA Cleared: Yes Marketed: Worldwide	 No Image Supplied Optima CT500 W List Price: \$1,210,000 FDA Cleared: Yes Marketed: Worldwide	 No Image Supplied Optima CT600 List Price: \$1,440,000 FDA Cleared: Yes Marketed: Worldwide	

**Hitachi Medical Systems America Inc** Add

**Neurologica Corp** Add

**Neusoft Medical Systems Co Ltd** Add

**Philips Healthcare North America** Add

**Siemens healthcare inc** Add

**Tochima America Medical Systems Inc** Add

Comparison Selection (7) Compare Clear Selection

 GE Healthcare USA LightSpeed Elite Select	 GE Healthcare USA CT750 HD	 GE Healthcare USA LightSpeed VCT	 GE Healthcare USA LightSpeed VCT Select	 GE Healthcare USA No Image Supplied	 GE Healthcare USA No Image Supplied
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Here is an example of how you generate a report effortlessly by clicking and dragging. You can easily identify a device and its competitors and a table comparing specifications is generated. A comprehensive executive summary is included, allowing a better understanding of the value and purpose of the devices in question.

# What is inside an HPCS report?

- ▶ Purpose and principles of operation
- ▶ Reported problems
- ▶ Purchase considerations
- ▶ Stage of Development

Show ECRI Recommendations ▼

Manufacturer	ECRI INSTITUTE'S RECOMMENDED SPECIFICATIONS High-Range/Cardiac CT Scanners	GE Healthcare USA BrightSpeed Elite	Hitachi Medical Systems America Inc ECLOS16	Philips Healthcare North America Brilliance CT 64-Channel with Essence Technology	Siemens Healthcare Inc SOMATOM Definition AS	Toshiba America Medical Systems Inc Aquilion ONE
	<b>Highlight Key Specifications Rows Appear Blue</b>					
WHERE MARKETED		Worldwide	Asia, Europe, North America	Worldwide	Worldwide	Worldwide
FDA CLEARANCE		Yes	Yes	Yes	Yes	Yes
CE MARK (MDD)		Yes	Yes	Yes	Yes	Yes
TYPE	Multislice	Multislice	Multislice	Multislice	Multislice	Dynamic volume CT
Number of slices acquired simultaneously	64	16	16	64	20, 40, 64	16 cm volume
Number of channels		Not specified	24	64	Not specified	Not specified
DETECTOR						
Field of view (standard), cm		9.6-50	2-50	50	50	50
Field of view (extended), cm		9.6-50	NA	Not specified	78	Not specified
Total detector width, z-axis, mm	40	20	20	40	28.8	160
Reconstructed slice width options, mm	0.4-10	0.625, 1.25, 2.5, 3.75, 5, 7.5, 10	0.625, 1.25, 2.5, 3.75, 5, 10	0.625-10	0.6, 0.75, 1, 1.2, 1.5, 2, 3, 4, 5, 6, 9, 10	0.5, 1, 2, 3, 4, 5, 6, 8
Optional minimum slice width, mm	0.3	Slices standard	NA	Not specified	NA	Not specified

# HPCS - Benefits

- ▶ Decision making piece of mind
- ▶ Factual evidence
- ▶ Patient Outcomes
- ▶ Health and safety
- ▶ Easy of use / efficiency
- ▶ Cost

What is the cost of potentially missing out on the chance to evaluate or purchase a superior device? What is the cost in time, clinician satisfaction, cost of acquiring and owning a less suitable device that may not perform as well or about to be superseded? How are these decisions made – a tender based on the wrong decision could be compounding the costs.



# The Bigger Picture of what HPCS can do

- ▶ Long Term Strategy - technology, demand, legislation.
- ▶ Safety and risk management.
- ▶ Efficiency and compatibility with current equipment.
- ▶ Clinical Professionals and Procurement – playing to strengths.
- ▶ How are decisions being made?

# In Summary...

HPCS is an easily searchable online database, delivering comprehensive information and the insights you need to understand and compare medical equipment. Whether you're purchasing equipment now or planning for the future, HPCS gives you everything you need to set up the evaluation process.



**HPCS is available via an annual subscription.**

**You can nominate 5 users for licences to access the service with each subscription.**

**The service is accessed via our website so no software download is required. You will have a personal dashboard for requesting, monitoring and receiving your report requests.**

**Please contact us with any questions**

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