



North Carolina Department of Health and Human Services
Division of Health Service Regulation

Pat McCrory
Governor

Aldona Z. Wos, M.D.
Ambassador (Ret.)
Secretary DHHS

Drexdal Pratt
Division Director

April 9, 2015

Jeffrey Shovelin, Director of Corporate Planning
Post Office Box 6028
Greenville, North Carolina 27835-6028

No Review

Facility or Business: Vidant Medical Center
Project Description: Replace Nuclear Medicine Equipment
County: Pitt
FID #: 933410

Dear Mr. Shovelin:


The Healthcare Planning and Certificate of Need Section, Division of Health Service Regulation (Agency) received your letter of March 24, 2015 regarding the above referenced proposal. Based on the CON law **in effect on the date of this response to your request**, the proposal described in your correspondence is not governed by, and therefore, does not currently require a certificate of need. However, please note that if the CON law is subsequently amended such that the above referenced proposal would require a certificate of need, this determination does not authorize you to proceed to develop the above referenced proposal when the new law becomes effective.

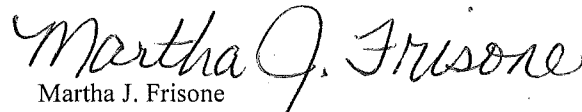
Moreover, you need to contact the Agency's Construction, Radiation Protection and the Acute and Home Care Licensing and Certification Sections to determine if they have any requirements for development of the proposed project.

It should be noted that this determination is binding only for the facts represented in your correspondence. Consequently, if changes are made in the project or in the facts provided in your correspondence referenced above, a new determination as to whether a certificate of need is required would need to be made by this office. Changes in a project include, but are not limited to: (1) increases in the capital cost; (2) acquisition of medical equipment not included in the original cost estimate; (3) modifications in the design of the project; (4) change in location; and (5) any increase in the number of square feet to be constructed.

Please contact this office if you have any questions. Also, in all future correspondence you should reference the Facility ID # (FID) if the facility is licensed.

Sincerely,


Jane Rhoe-Jones
Project Analyst


Martha J. Frisone
Assistant Chief, Certificate of Need

cc: Acute and Home Care Licensing and Certification, DHHS
Radiation Protection, DHHS
Construction Section, DHHS
Assistant Chief, Healthcare Planning

Healthcare Planning and Certificate of Need Section

www.ncdhhs.gov

Telephone: 919-855-3873 • Fax: 919-733-8139

Location: Edgerton Building • 809 Ruggles Drive • Raleigh, NC 27603

Mailing Address: 2704 Mail Service Center • Raleigh, NC 27699-2704

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VIDANT HEALTH™

Jane

March 24, 2015

Ms. Jane Rhoe-Jones
Certificate of Need Section
Division of Health Service Regulation
NC Department of Health and Human Services
2704 Mail Service Center
Raleigh, NC 27699-2704



RE: Request for "No Review" for Replacement Nuclear Medicine Equipment at Vidant Medical Center

Dear Ms. Rhoe-Jones:

Vidant Medical Center (VMC) plans to replace an existing nuclear medicine camera with new equipment. VMC believes that the proposed equipment replacement is not subject to review under North Carolina's Certificate of Need (CON) laws.

The proposed project includes the replacement of a Philips BrightView XCT nuclear medicine camera with a GE Discovery 630 nuclear medicine camera (see Appendix A for vendor quotes and Appendix B for equipment comparison table and brochures). VMC will locate the replacement camera in the same location as the existing equipment (see Appendix C for current and proposed floor plans). The reason for this replacement is due to age and the need for upgraded technology to provide optimal care. The total capital costs for the proposed replacement is estimated to be \$361,585 (see Appendix D for the capital cost sheet). These costs include all expenses associated with the equipment and renovations. The project will be funded through accumulated reserves. After the new equipment is operational, the existing equipment will be permanently removed from the facility and will no longer be exempt from CON law (see Appendix E for required documentation of equipment removal).

VMC's proposed project meets the definition of replacement equipment found in G.S. 131E-176(22a). The total capital expenditure for the equipment is less than \$2,000,000 and the equipment being purchased is for the sole purpose of replacing comparable medical equipment. Since VMC's proposal meets the definition of "replacement equipment", G.S. 131E-184(a)(7) exempts this project from review. Therefore, VMC requests approval of a no review status for the proposed project.

If you require additional information or clarification, please contact me at (252)-847-3631.

Jeffrey Shovelin
Director of Corporate Planning
Vidant Health

Appendix A
Vendor Quote



GE Healthcare

Date: 10-31-2014
Quote #: PR4-C29727
Version #: 4

Vidant Medical Center
2100 Stantonsburg Rd
Greenville NC 27834-2818

Attn: Pitt County Memorial Hospital

Customer Number : 1-2311HJ
Quotation Expiration Date: 11-30-2014

The terms of the Master Purchasing Agreement, Strategic Alliance Agreement or GPO Agreement referenced below as the Governing Agreement shall govern this Quotation. No additional or different terms shall apply unless agreed to in writing by authorized representatives of both parties.

Governing Agreement:	Novation
Terms of Delivery:	FOB Destination
Billing Terms:	80% on Delivery/ 20% on Acceptance or First Patient Use
Payment Terms:	NET 30
Total Quote Net Selling Price:	\$263,984.40

INDICATE FORM OF PAYMENT:

If "GE HFS Loan" or "GE HFS Lease" is NOT selected at the time of signature, then you may NOT elect to seek financing with GE Healthcare Financial Services (GE HFS) to fund this arrangement after shipment.

- Cash/Third Party Loan
- GE HFS Lease
- GE HFS Loan
- Third Party Lease (please identify financing company) _____

By signing below, each party certifies that it has not made any handwritten modifications. Manual changes or mark-ups on this Agreement (except signatures in the signature blocks and an indication in the form of payment section below) will be void.

Each party has caused this agreement to be executed by its duly authorized representative as of the date set forth below.

CUSTOMER

Authorized-Customer Signature Date

Print Name Print Title

Purchase Order Number (if applicable)

GE HEALTHCARE

Thomas Harris 11-11-2014

Signature Date

Product Sales Specialist
Email: Thomas.Harris@med.ge.com
Phone: +1 910 540 2007



GE Healthcare

Date: 10-31-2014
 Quote #: PR4-C29727
 Version #: 4

Total Quote Selling Price	\$263,984.40
Trade-In and Other Credits	\$0.00

Total Quote Net Selling Price	\$263,984.40

To Accept this Quotation

Please sign and return this Quotation together with your Purchase Order To:

Thomas Harris
 Mobile: +1 910 540 2007
 Email: Thomas.Harris@med.ge.com

Payment Instructions

Please **Remit** Payment for invoices associated with this quotation to:

GE Healthcare
P.O. Box 96483
Chicago, IL 60693

To Accept This Quotation

- Please sign the quote and any included attachments (where requested).
- If requested, please indicate, your form of payment.
- If you include the purchase order, please make sure it references the following information
 - The correct Quote number and version number above
 - The correct Remit To information as indicated in "**Payment Instructions**" above
 - The correct SHIP TO site name and address
 - The correct BILL TO site name and address
 - The correct Total Quote Net Selling Price as indicated above



GE Healthcare

Date: 10-31-2014
Quote #: PR4-C29727
Version #: 4

10-31-2014

GPO Agreement Reference Information

Customer: Pitt County Memorial Hospital
Contract Number: XR14,22,53,11013,11031,11041,11051,2011
Start Date:
End Date: 11/30/2016

Billing Terms: 80% on Delivery/ 20% on Acceptance or First Patient Use
Payment Terms: NET 30
Shipping Terms: FOB Destination

This product offering is made per the terms and conditions of Novation/GE Healthcare GPO Agreement # XR11013 (CT), XR11031 (PET-CT), XR11041 (Nuc Med), XR0053 (MR), XR11023 (CV), XR11051 (R and F), XR0014-2011 (Gen Rad, DR, Mammo).

For access to the applicable Novation Agreement and Contract Summary, please login to the Novation Marketplace website. If you require assistance or are experiencing issues please contact one of the following for support:

Novation Customer Service (888) 7-NOVATE NOVCustomerService@novationco.com

Web Site Technical Support (800) 327-8116 NovationTechSupport@novationco.com



GE Healthcare

Date: 10-31-2014
Quote #: PR4-C29727
Version #: 4

Item No.	Qty	Catalog No.	Description
	1		D630 Acquisition System Discovery NM 630
1	1	H3100RC	D630 NM 3/8" & QUOT; & QUOT; A Discovery NM 630 Nuclear Imaging System - Acquisition Only The Discovery NM 630 Acquisition System is a premium, all-purpose, dual detector free-geometry nuclear imaging system, featuring advanced, all-digital Elite NXT detector technology, a slim gantry, cantilevered patient table, and acquisition station. Elite NXT slim detectors are designed for all-purpose nuclear imaging with excellent image quality originating from two highly stable, slim, large rectangular field-of-view digital detectors, featuring five corrections performed on each detected event in real time, even at high count rates. The key features include: <ul style="list-style-type: none"> • 3/8" (9.5 mm) NaI crystal thickness • 59 high quantum efficiency circular PMTs, each coupled with one analog to digital converter • Extra Large Rectangular UFOV with no cut-off corners: 21.25" x 15.75" (54 x 40 cm) • Energy range: 40 - 620 keV • Contoured detector housing for optimal cardiac and brain SPECT imaging Discovery NM630 features a wide 70 cm bore and slim gantry with free-geometry, enabling cardiac SPECT (90), general SPECT (180), whole body and planar imaging in various geometries to facilitate imaging a wide patient population. The gantry design includes several features for maximum clinical versatility and enhanced operational flexibility: <ul style="list-style-type: none"> • Externally mounted detectors for ease of positioning in all major clinical studies, including those for stretcher, standing and seated patients • Upright and horizontal detector orientations • Rapid gantry orientation transitions between procedures • Real-time, infrared-based Automatic Body Contouring (ABC) for enhanced scanning efficiency and resolution in 90 & 180 SPECT, and whole body scanning procedures • User-definable pre-programmed home positions for the gantry orientation and



Item No.	Qty	Catalog No.	Description
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patient table

- Gantry display unit with real-time status display and an intuitive, icon-based 20-function handset accessible from either side of the gantry
- Fast, semi-automatic dual collimator exchange

The Discovery NM 630 utilizes an ergonomic dual axis patient table, with a cantilevered telescoping design to be used for planar, whole body and SPECT applications. The low-attenuation carbon fiber table top supports a maximum patient weight of 227 kg (500 lb.) and has a maximum scan range of 200 cm (79"). A minimum table height of 59 cm (23") facilitates patient loading and unloading from a wheelchair or stretcher. Other key features include:

- Automated positioning via protocol selection
- Manual emergency patient egress
- Included patient bed mattress with straps
- Easy swivel of table away from gantry around pivot point at rear of table to enable collimator changes and facilitate imaging of patients who are seated or on hospital bed/stretcher
- Optional integrated EKG trigger
- Optional table accessories including a head holder, table extender, arm support, leg support and additional table pads/straps

The Discovery NM 630 acquisition station is based on a Linux operating system with user interface similar to the Xeleris. The acquisition station performs exam scheduling, protocol editing, scan acquisition, QC acquisition along with routing analysis, and networking.

Acquisition Station Hardware:

- High performance Intel based HP Z400 computer
- Intel Xeon Quad Core Processor
- 4 GB RAM (2 x 2 GB)
- 500 GB hard drive
- Flat panel display operating at 1280 x 1024 in true color

Operation is via interactive, graphical GE common user interface with the following features:



Item No.	Qty	Catalog No.	Description
			<ul style="list-style-type: none"> • Simultaneous acquisition and energy spectrum histogram (PHA) display with up to 64 independent windows per detector to ensure acquisition into correct energy window for given isotopes). • Acquisition termination by preset time, preset count or manual stop and the ability to resume paused acquisitions for whole body, SPECT, and gated SPECT • Pre-defined or user-configurable protocols for rapid recall and setup • Ignite accelerated workflow technology to streamline the workflow in 3 steps: patient selection from work list, set up patient and utilize auto-home positioning, and click once for acquisition initiation, automatic transfer and processing of results on Xeleris workstation (not included) • Universal imaging system connectivity via DICOM 3.0 (per DICOM conformance statement) and Interfile 3.3 TCP/IP based protocols • HIS/RIS integrated workflow including DICOM Modality Work List • Ability to connect to broadband/high speed network. This virtual private network (VPN) connection to GE is a single point of access using 3DES encryption for faster data transfer with increased system uptime and productivity. <p>Data acquisitions may be performed using single or multiple isotopes in any of the following imaging modes: Static, Dynamic, Multi-Gated, Whole Body Scanning, SPECT and Gated SPECT.</p>
2	1	H2506TB	<p>GE NM 600 Series LEHR Collimators (2) with Cart</p> <p>Discovery NM LEHR Collimators with Cart</p> <p>D670 Low Energy High Resolution Collimators Includes: o Two LEHR Collimators o Collimators Mounted on a Dedicated Collimator Cart</p>
3	1	H2506TC	<p>GE NM 600 Series MEGP Collimators (2) with Cart</p> <p>Discovery NM MEGP Collimators with Cart</p> <p>D670 Medium Energy General Purpose Collimators</p> <p>Includes: o Two MEGP Collimators</p> <p>o Collimators Mounted on a Dedicated Collimator Cart</p>
4	1	H2506TE	<p>GE NM 600 Series HEGP Collimators (2) with Cart</p> <p>D670 High Energy General Purpose Collimators Includes: - Two HEGP Collimators Collimators Mounted on a Dedicated Collimator Cart</p>



GE Healthcare

Date: 10-31-2014
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Item No.	Qty	Catalog No.	Description
5	1	H2506TF	<p>GE NM 600 Series PINHOLE Collimator (1) W/CART</p> <p>A set of 1 pinhole collimator with 3 inserts with collimator cart for Discovery NM 670</p>
6	1	H3100PE	<p>D670/630 & B615 QC Point Source Holder</p> <p>An L-shaped metal plate attachable to the wall with an opening for a syringe in order to acquire point source-based flood acquisition at a few meters distance from vertically positioned detector for QA purposes.</p>
7	1	H3100PF	<p>D670/630 & B615 QC Flood Source Holder Kit</p> <p>Quality Control Flood Source Holder Kit A large plate mounted at a small distance above the NM detector on which the flood source is positioned in order to perform acquisition of flood studies for QA/QC purposes.</p>
8	1	H3602SL	<p>QA COR Source Holder</p> <p>Center of rotation source holder for Quality assurance , easily attached to Infinia or Ventri table.</p>
9	1	H3100YY	<p>O640 FIXTURES 4 UPS 480V</p> <p>A set of cables designed to support the connection of the system to a 480V UPS for O640 power regulation purposes.</p>
10	1	H3100PG	<p>PALLET EXTENDER</p> <p>NM 600 Series Patient Pallet Extender The patient pallet extender for NM 600 Series products can be used to extend the table top for multi-FOV SPECT, SPECT/CT and whole body studies.</p> <p>Length is 600mm; Width is 391mm; 300mm extension</p> <p>Note - The use of the extender requires more space between the camera and the back wall of the scan room. Consult with GE Healthcare project manager for minimum room size requirements.</p>
11	1	H2506KR	<p>NORAV ECG GATING</p> <p>NORAV ECG GATING FOR D630</p> <p>A compact ECG gating device for Discovery 630 gated cardiac studies , embedded in the Patient table in order to simplify operation.</p>
12	1	H2508JW	<p>Mobile Computer Cart w/ PC Holder</p> <p>The acquisition cart is an ergonomically designed, flexible, mobile yet stable device.</p>



Item No.	Qty	Catalog No.	Description
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The cart is designed to carry a display monitor, a Keyboard, a mouse and a PC-tower on board. Modular design enables easy customization by flexible positioning of the keyboard support tray , the monitor support bracket height ,the screen angle and the mouse support tray orientation (left/right) per user preferences and needs.

13 1 E4502JJ

6 KVA UPS for Nuclear Medicine
6 KVA UPS for Nuclear Medicine

FEATURES/BENEFITS

- The use of uninterruptible power enables the system imaging to be completed after the loss of supply power, and allows for saving of valuable data and orderly system shutdown
- The Online Double Conversion UPS eliminates all power anomalies such as noise, transients, overvoltage and undervoltage, which could damage the imaging system's sensitive computer components
- Improves imaging system reliability, reduces service costs, and increases system uptime
- Cell Saver Technology provides conditioned power even during severe brownout conditions without depleting battery resources
- System monitoring via: LanSafe III / FailSafe III software, (2) RS-232 Ports
- PowerPass Module further enhances reliability through Maintenance Bypass Switch which performs maintenance or upgrade your UPS without powering down your critical systems

SPECIFICATIONS

- Dimensions (H x W x D): 33.6" x 9.9" x 15.8"
- Weight: 218 lbs.
- Input Voltage: 200 - 240 VAC
- Output Voltage: 120/240, 120/208 VAC
- Frequency: 45-65 Hz

COMPATIBILITY

- Maxxus NM

NOTES:

- Customer is responsible for rigging and arranging for installation with a certified electrician
- ITEM IS NON-RETURNABLE AND NON-REFUNDABLE



GE Healthcare

Date: 10-31-2014
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Version #: 4

Item No.	Qty	Catalog No.	Description
14	1	E8500NA	<p>Butterfly Armrest</p> <p>Butterfly (R-Made) Armrest</p> <p>Designed to support a patient's arms during cardiac SPECT and other imaging procedures. Armrest offers new solution to motion artifact caused by the discomfort and pain of prolonged upper extremity hyperextension and abduction. Fast and easy to use, can be mounted and removed in one piece, and is tightly secured by adjustable mounting straps. Polyethylene construction is durable, nonbreakable, and easily learned. Measures 18 in. L x 14 in. W x 8 in. H; weighs 2.5 lb. Recommended for use with GE Optima Systems. Warranty Code H</p>
15	1	E8500NC	<p>Patient Leg Rest for Nuclear, PET/CT, MRI</p> <p>Patient Leg Rest for Nuclear, PET/CT, MRI</p> <p>Contoured Leg Rest prevents low back stress and pain that occurs during supine imaging and treatment, measures 7 in. H x 17 in. D x 13 in. W. Designed to accommodate virtually all patients. Compatible with most Nuclear Imaging systems and can also be used in MRI, CT and PET applications. Constructed with a comfortable, full support polyfoam with a seamless coated finish. Warranty Code: H</p>

Quote Summary:

Total Quote Net Selling Price **\$263,984.40**

(Quoted prices do not reflect state and local taxes if applicable. Total Net Selling Price Includes Trade In allowance, if applicable.)

Appendix B

Equipment Comparison Table and Brochures

Equipment Comparison

Type of Equipment (List Each Component)	EXISTING EQUIPMENT	REPLACEMENT EQUIPMENT
<p>Manufacturer of Equipment</p> <p>Tesla Rating for MRIs</p> <p>Model Number</p> <p>Serial Number</p> <p>Provider's Method of Identifying Equipment</p> <p>Specify if Mobile or Fixed</p> <p>Mobile Trailer Serial Number/VIN #</p> <p>Mobile Tractor Serial Number/VIN #</p> <p>Date of Acquisition of Each Component</p> <p>Does Provider Hold Title to Equipment or have a Capital Lease?</p> <p>Specify if Equipment Was/Is New or Used When Acquired</p> <p>Total Capital Cost of Project (including construction, etc.)</p> <p>Total Cost of Equipment</p> <p>Fair Market Value of Equipment</p> <p>Net Purchase Price of Equipment</p> <p>Locations Where Operated</p> <p>Number Days in Use to be Used in N.C. Per Year</p> <p>Percent of Change in Patient Charges (by Procedure)</p> <p>Percent of Change in Per Procedure Operation Expenses (by Procedure)</p> <p>Type of Procedures Currently Performed on Existing Equipment</p> <p>Type of Procedures New Equipment's Capable of Performing</p>	<p>2011 Philips BrightView XCT Camera Acquisition Computers (2)</p> <p>Philips EBW Processing Station Patient Table</p> <p>LEHR Collimators (2) with cart</p> <p>MEGP Collimators (2) with cart</p> <p>HEGP Collimators (2) with cart</p> <p>PINHOLE Collimator (1) with cart</p> <p>IVY ECG Gating</p> <p>Mobile Computer Cart with PC holder</p> <p>UPS for Nuclear Medicine</p> <p>Philips</p> <p>na</p> <p>BrightView XCT # 6000225</p> <p>System ID# 882482</p> <p>fixed</p> <p>na</p> <p>na</p> <p>November 2010</p> <p>Capital lease PH013712</p> <p>New</p> <p>\$297,824*</p> <p>\$708,726</p> <p>\$774,900 **</p> <p>Vidant Medical Center</p> <p>260 to 365 days</p> <p>0</p> <p>0</p> <p>General Nuclear Medicine Studies</p> <p>na</p>	<p>GE Discovery NM 630 Acquisition Computer</p> <p>Patient Table</p> <p>LEHR Collimators (2) with cart</p> <p>MEGP Collimators (2) with cart</p> <p>HEGP Collimators (2) with cart</p> <p>PINHOLE Collimator (1) with cart</p> <p>NORVAC ECG Gating for D630</p> <p>Mobile Computer Cart with PC holder</p> <p>UPS for Nuclear Medicine</p> <p>Armrest</p> <p>Leg Rest</p> <p>GE</p> <p>na</p> <p>NM 630</p> <p>TBD</p> <p>NM630 – System ID# TBD</p> <p>fixed</p> <p>na</p> <p>na</p> <p>2015</p> <p>Hold title</p> <p>New</p> <p>\$263,984.40</p> <p>Vidant Medical Center</p> <p>260 to 365 days</p> <p>0</p> <p>0</p> <p>na</p> <p>General and Cardiac Nuclear Medicine Studies</p>

• * Sum of capital excluding leased equipment.

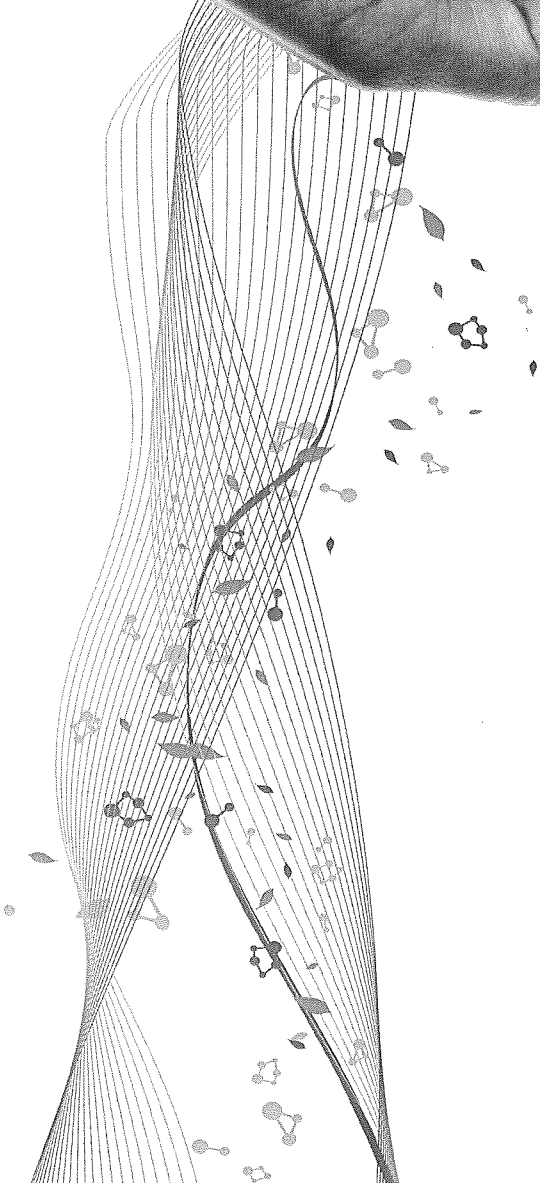
• ** Sum of lease payments plus purchase option at the end of the initial ter.

GE Healthcare

Discovery NM630

Innovation to expand your care.





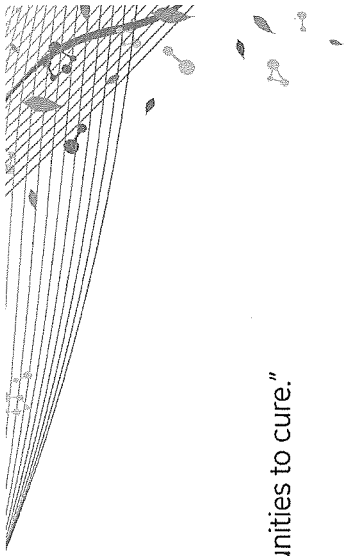
Focus on what matters most.

Your reason for being is the health of countless patients who come to you for care. This is why GE Healthcare strives to make our advanced imaging technology more accessible. It is why our products are designed to help you deliver not only an accurate diagnosis, but do it with comfort and peace-of-mind for your patients. It is why GE Healthcare created the Discovery[®] NM630.

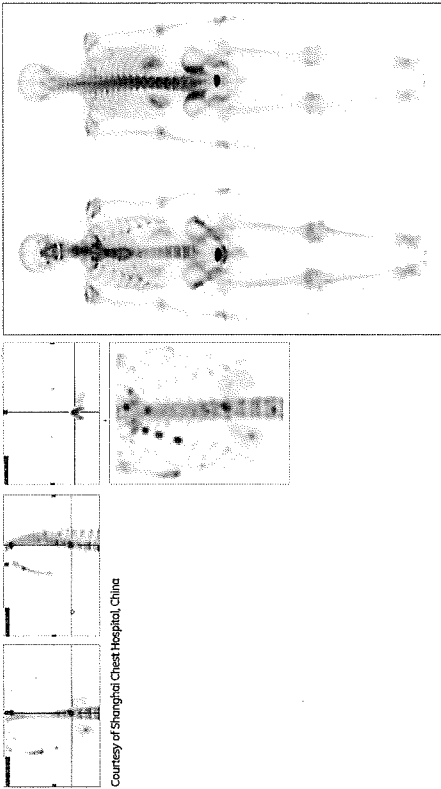
Combining intuitive interfaces and ease of operation with superb image quality, the Discovery NM630 gives healthcare providers the outstanding capability to deliver excellent care to their patients. With doses as low as half those of standard NM scanning protocols. With the potential for significantly less time on the table. And without compromising on image quality.

The Discovery NM630 can even be upgraded to a Discovery NM/CT 670 by adding CT capabilities for true hybrid imaging, helping to protect your investment while expanding your diagnostic horizons.

"I was looking for answers but dreading the process. I was so relieved to find it would be quick and with minimal discomfort."



"The greater my ability to see,
the better my opportunities to cure."



Courtesy of Shanghai Chest Hospital, China

Advanced technology that can help you provide excellent care.

By leveraging decades of experience in molecular imaging, the Discovery NM630 can help you provide exceptional levels of care.

Outstanding Image Quality: A step forward in detector design, the Elite NXT detector enables exceptional image quality. Ultra-thin design and auto-body contouring minimize the distance between the patient and the detectors for excellent resolution while SPECT-optimized collimators and the exceptionally high count rate enable extremely precise event detection.

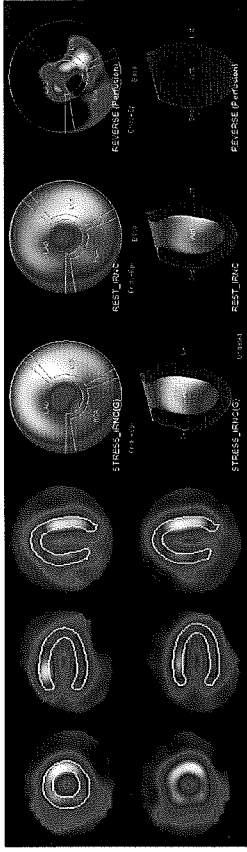
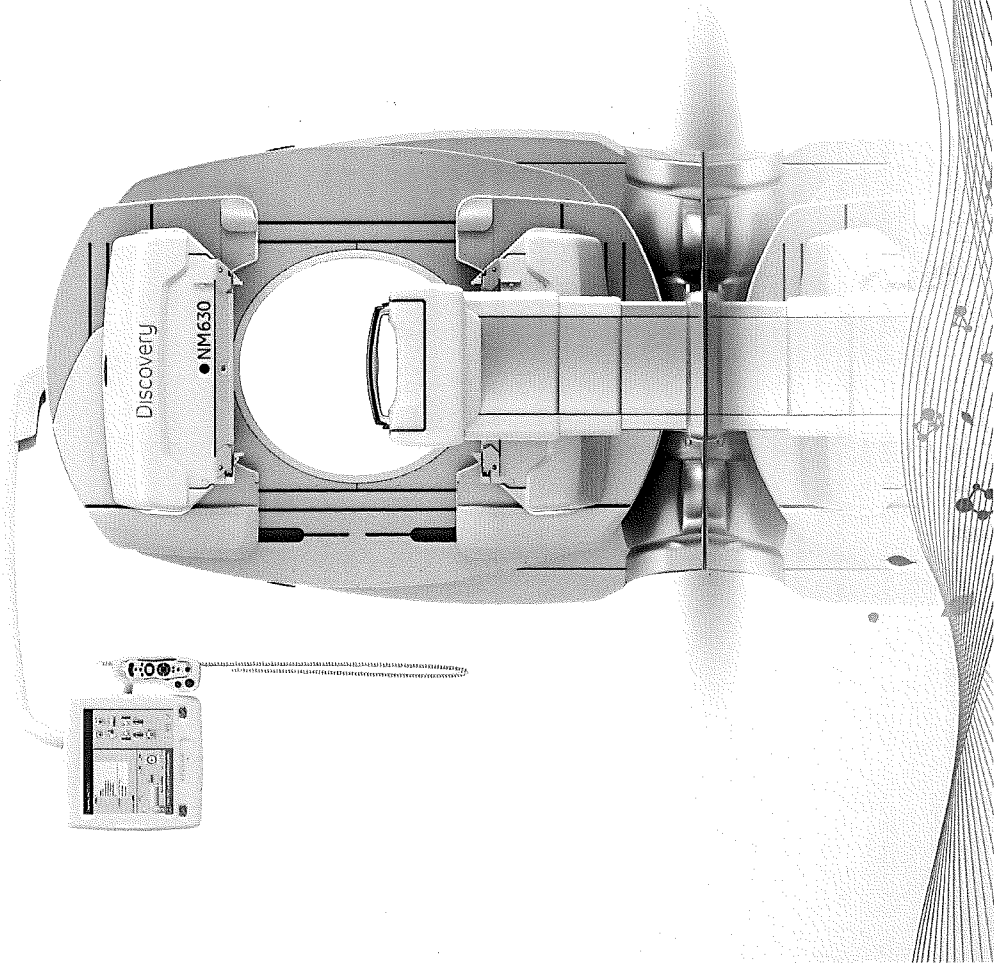
Dose Management: Exclusive Evolution* technology changes the relationship between time, dosage and image quality by allowing you to reduce time or injected patient dose up to 50% in most scanning procedures while maintaining excellent image quality.

Increased Productivity: Half-time imaging meets fast and flexible robotic gantry motions and ignite streamlined workflow to enable a whole-body and SPECT bone protocol in 15 minutes.

Advanced Applications: Advanced Xeleris* workstation integrates new and existing nuclear medicine equipment, including legacy GE and non-GE devices. Designed to provide consistent results and enhanced workflow, Xeleris keeps you connected to your images and applications from PACS and PCs within your institution and remotely.

Lasting Value: You can be confident in your investment. The Discovery NM630 can be upgraded on location to a Discovery NM/CT 670 with the addition of a diagnostic CT capability that can expand your services to include hybrid imaging as your practice requires and your care mission demands.

"I'm here to support my patients.
My scanner has to support them, too."



Position more patients for the best possible outcome.

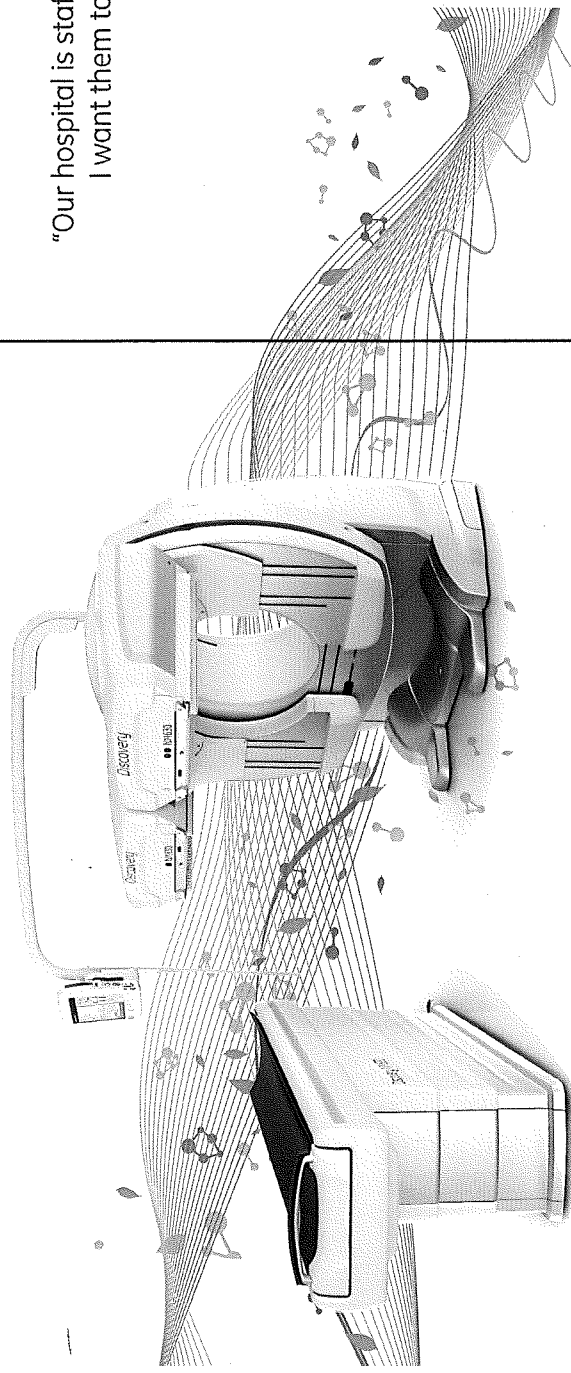
Your patients come in a myriad of shapes and sizes. The Discovery NM630 is engineered to help accommodate more patients than previous generation GE nuclear medicine systems. With its large bore and table capable of handling patients up to 500 pounds (227 kilograms), the Discovery NM630 is designed to maximize your scannable population.

To optimize image clarity and sharpness, real-time, infrared-guided automatic contouring enables consistent detector positioning close to the patient throughout the scan, regardless of body type. Robust gantry design and construction further enhance image quality by enabling high positioning accuracy, resulting in precise orbits and reproducible scans.

Set-up is fast courtesy of a handheld remote control that puts commonly used settings at your disposal with the touch of a button and minimal trips away from your patient. Extremely quick, automated transitions between detector positions with simultaneous multi-axis movement make scans quick and efficient.

Whether short or tall, heavy or thin, bed-ridden or ambulatory, the Discovery NM630 is designed to provide more patients with superb quality nuclear imaging. And to do it with outstanding efficiency and speed.

"Our hospital is staffed with incredibly gifted physicians.
I want them to have the technology that allows them
to do the greatest good."



The ability to see more. allows you to do more.

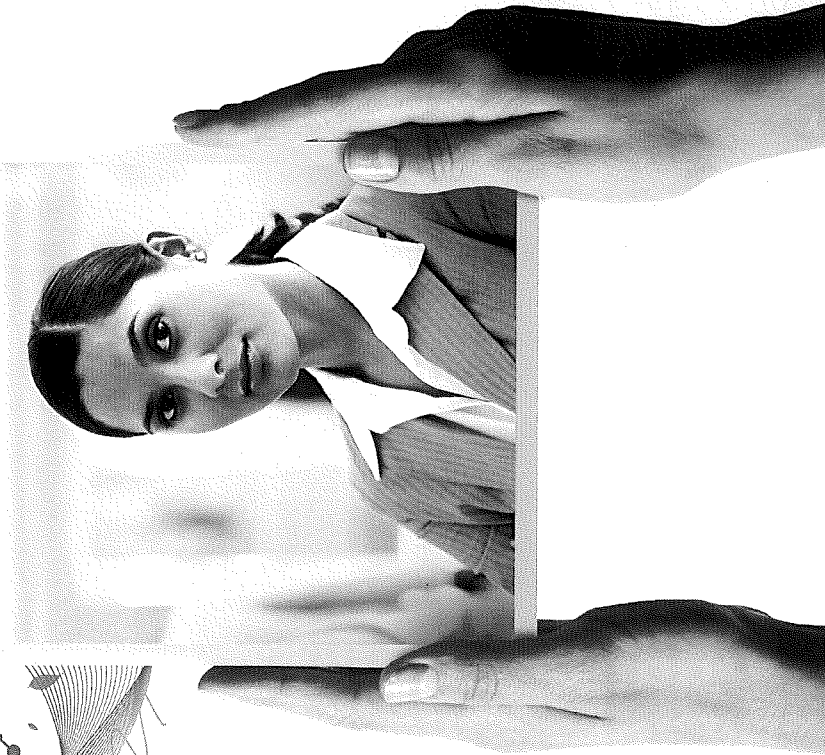
The more precise the information healthcare providers can get about a patient's condition, the more effectively that patient can be treated. It is for this reason the Discovery NM630 incorporates advanced Elite NXT detectors.

Elite NXT detectors are designed to offer outstanding SPECT resolution and exceptional contrast for superb image quality, all to help you diagnose disease earlier and more accurately. Image quality is enhanced with SPECT-optimized collimators and ultra-high count rate (460k/Counts per second) for extremely precise lesion detection.

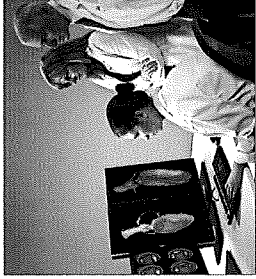
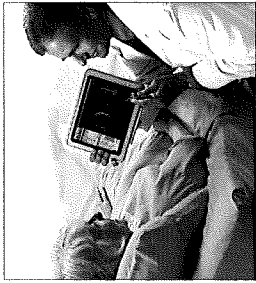
An innovative design replacing four circuit boards with a single digital acquisition board results in reduced noise and a 9.5% energy resolution for improved image contrast. Spot view resolution is improved by the ultra-thin pressure-sensitive detector covers which reduce the distance between patient and collimator to less than 4mm.

And finally, auto-body contouring minimizes the distance between patient and detector, resulting in excellent spatial resolution in both SPECT and whole-body planar imaging.

All of which can help you diagnose and treat disease effectively and more compassionately.



"When information and opinions get shared,
it leads to better outcomes for my patients."



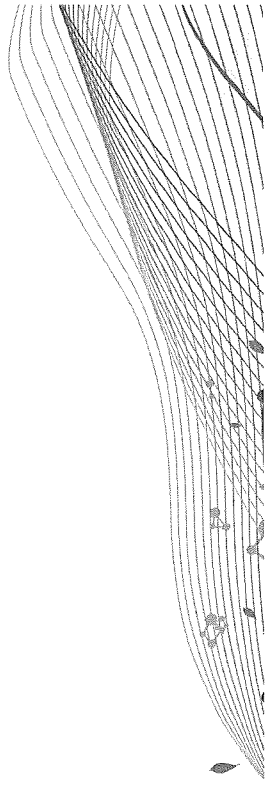
The tools to transform data into precise diagnoses.

Scans are data, and that data must be interpreted. The Xeleris workstation, when used with the Discovery NM630, provides a comprehensive data management solution for your molecular imaging needs.

Xeleris delivers innovative productivity tools, built-in connectivity, exceptional processing speed and advanced versatility. By giving you complete access to information when and where you need it through PACS as well as remote PCs, it helps you share ideas and potentially make better decisions. And that leads to better care.

Plus, the comprehensive suite of tools available with Xeleris are there for you in countless MI scenarios. Whether you work with a single scanner or integrate the data from many, tools such as Evolution which can reduce patient dose up to 50% while maintaining image quality, Volumetric MI and Aladdin's customizable programming are ready to grow with you as your needs grow. All with the potential capability to increase patient throughput significantly, which can translate into more patients per day.

In short, Xeleris ensures that you can make efficient use of the data you acquire today while providing a portal to the Molecular Imaging department of tomorrow.



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The quotations contained in this brochure are based upon statements
from customers and relate to customer experiences.

About GE Healthcare

GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Our broad expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement, and performance solutions services helps our customers to deliver better care to more people around the world at a lower cost. In addition, we partner with healthcare leaders, striving to leverage the global policy change necessary to implement a successful shift to sustainable healthcare systems.

Our “healthymagination” vision for the future invites the world to join us on our journey as we continuously develop innovations focused on reducing costs, increasing access, and improving quality around the world. Headquartered in the United Kingdom, GE Healthcare is a unit of General Electric Company (NYSE: GE). Worldwide, GE Healthcare employees are committed to serving healthcare professionals and their patients in more than 100 countries. For more information about GE Healthcare, visit our website at www.gehealthcare.com

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imagination at work



Fits you like no other

Philips BrightView XCT SPECT/CT system

PHILIPS
sense and simplicity

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Designed entirely for

The new BrightView XCT system combines a deeper understanding of what works for you and your patients with advanced intelligence in technology and services, simplifying workflow to help improve clinical results and lower lifecycle costs.



BrightView through and through

BrightView XCT starts with a SPECT system as compact as it is intelligent, combining proprietary CloseUp image resolution technologies with a compact footprint.

nuclear medicine

We've united SPECT and CT in innovative ways to take full advantage of both, without compromising either. Enjoy the potential for fewer artifacts and higher resolution-to-dose ratios. Clinical advantages include registration confidence because, in many cases, the table doesn't move between SPECT and CT studies.

BrightView XCT offers you an edge in productivity

SPECT/CT without compromise

BrightView XCT provides the benefits of CT without the obstacles. CoPlanar FP, a co-planar design coupled with proprietary flat-detector X-ray CT technology, allows BrightView to keep the patient at the center of focus with concentric SPECT and CT. This gives you the best of both worlds: high-quality images and workflow designed around you.

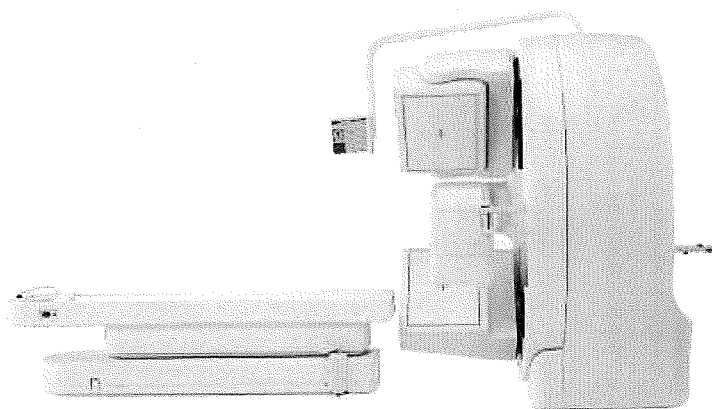
Workflow tailored to you

The new NM Application Suite helps to streamline your workflow by saving you time reviewing and analyzing studies. It provides ready access to a comprehensive portfolio of clinical applications and advanced visualization tools that are intuitive and easy to use.

Advantages throughout your entire system ownership

We offer comprehensive training, remote services and support, and technology updates to keep you current throughout the life of your system.

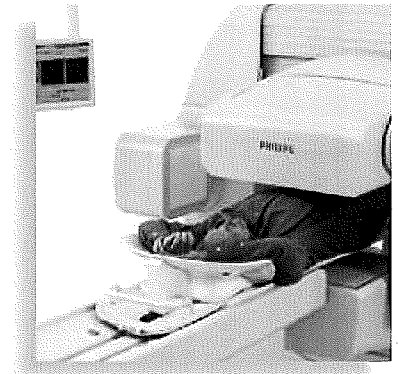
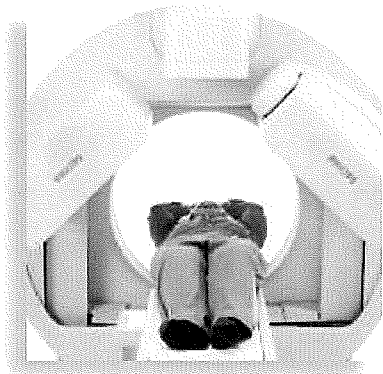
Now you really can have it all.



A new world

Through a range of clinical studies, you'll find that BrightView XCT takes you places you haven't been able to go until now.

A unique combination of design and technology offers the potential for fewer artifacts and higher resolution-to-dose ratios. Remarkable CT resolution at low dose levels allows you to add high quality localization and attenuation correction without the typical challenges. Acquisition of data in volume through true isotropic voxels provides high quality images regardless of viewing angle.



Low-dose localization

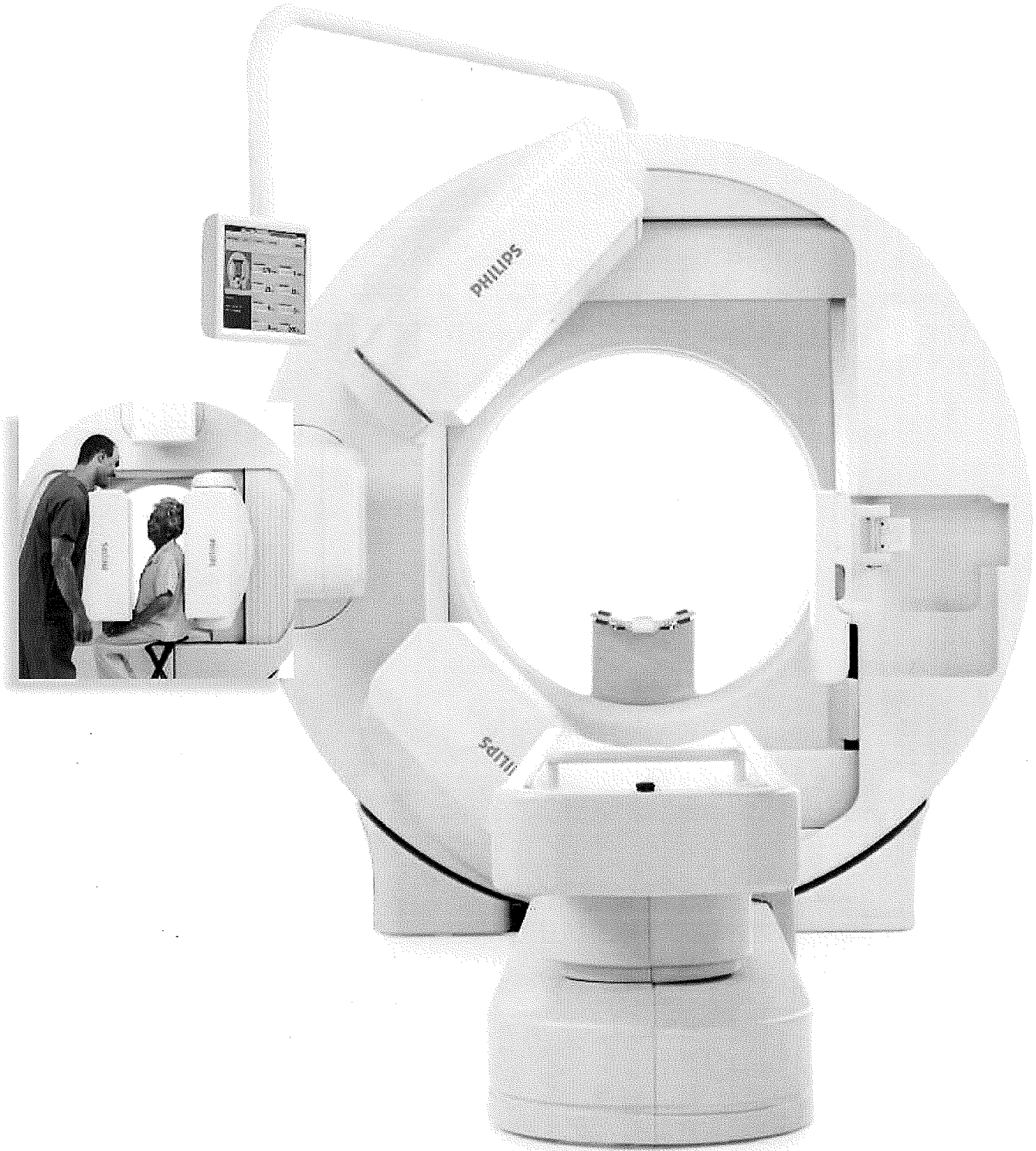
BrightView XCT offers remarkable CT resolution at low dose levels.

- Aids better visualization that is especially valuable during oncology studies and bone imaging
- Allows SPECT/CT studies to be planned using the SPECT p-scope, rather than requiring a CT surview
- Provides 140 mm of axial coverage in a single 12-second breath hold

Trusted attenuation correction

Until now, attenuation in cardiac studies has been a challenge. Welcome to attenuation correction designed to inspire greater confidence.

- Allows the table to remain stationary in many cases, eliminating complexities inherent in table indexing
- Acquires the entire heart volume in just one rotation
- Permits patients to breathe normally during SPECT and CT acquisitions



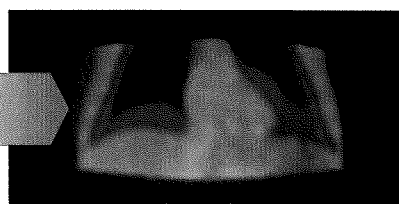
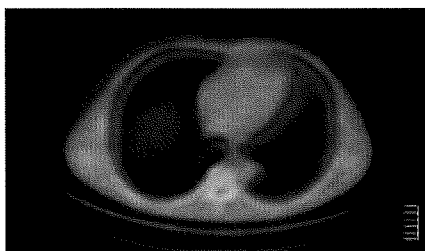
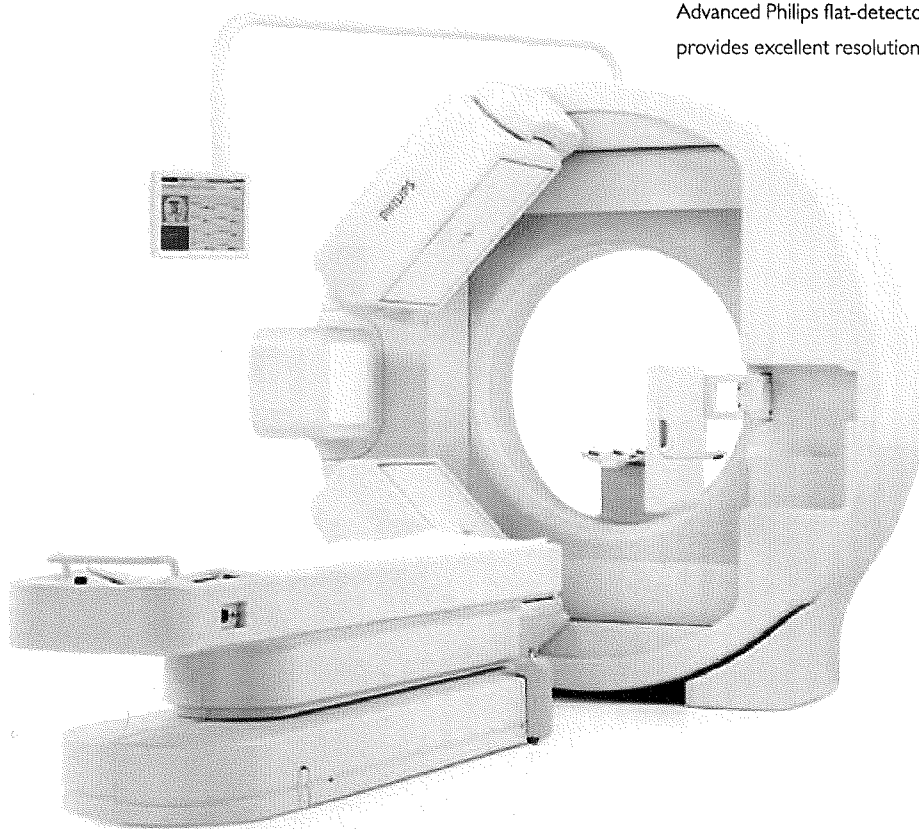
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Breathe easier

BrightView XCT offers improved registration confidence between SPECT data and attenuation maps because the table doesn't index between studies, in most cases. The entire heart volume is acquired in just one rotation. And patients can breathe normally throughout both the SPECT and CT acquisition steps for greater patient comfort and better diaphragm alignment.



Advanced Philips flat-detector X-ray CT detector design provides excellent resolution at low CT dose levels.



Note the differences in physiologic states between tidal respiration (gray map) and breath hold (thermal map)



BrightView XCT improves registration confidence between emission and transmission maps because the table remains stationary in many cases.

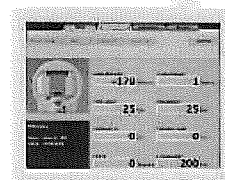
Always revolves around you

The heart of BrightView XCT is CoPlanar FP, the unique integration of BrightView SPECT in a co-planar design with advanced Philips flat-detector X-ray CT technology. Confidence in registration is improved over conventional systems because, in many cases, the table does not move between SPECT and CT studies.



In-room CT control option
allows you to be closer to the patient.

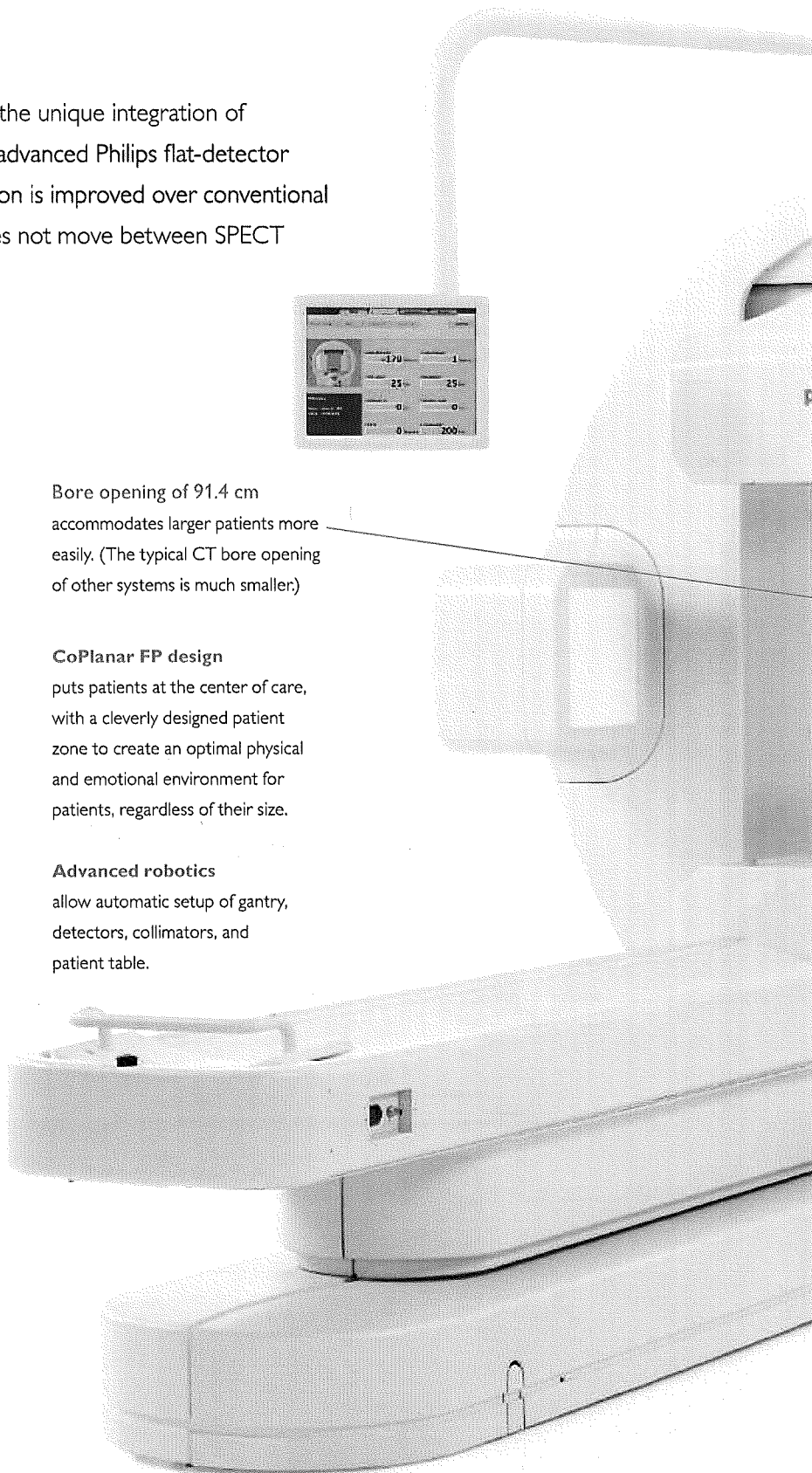
CloseUp SPECT technologies
feature BodyGuard automatic contouring to elegantly move SPECT detectors closer to the patient and ZeroGap planar imaging to allow minimum detector-to-detector distance of 0 cm for closer positioning.

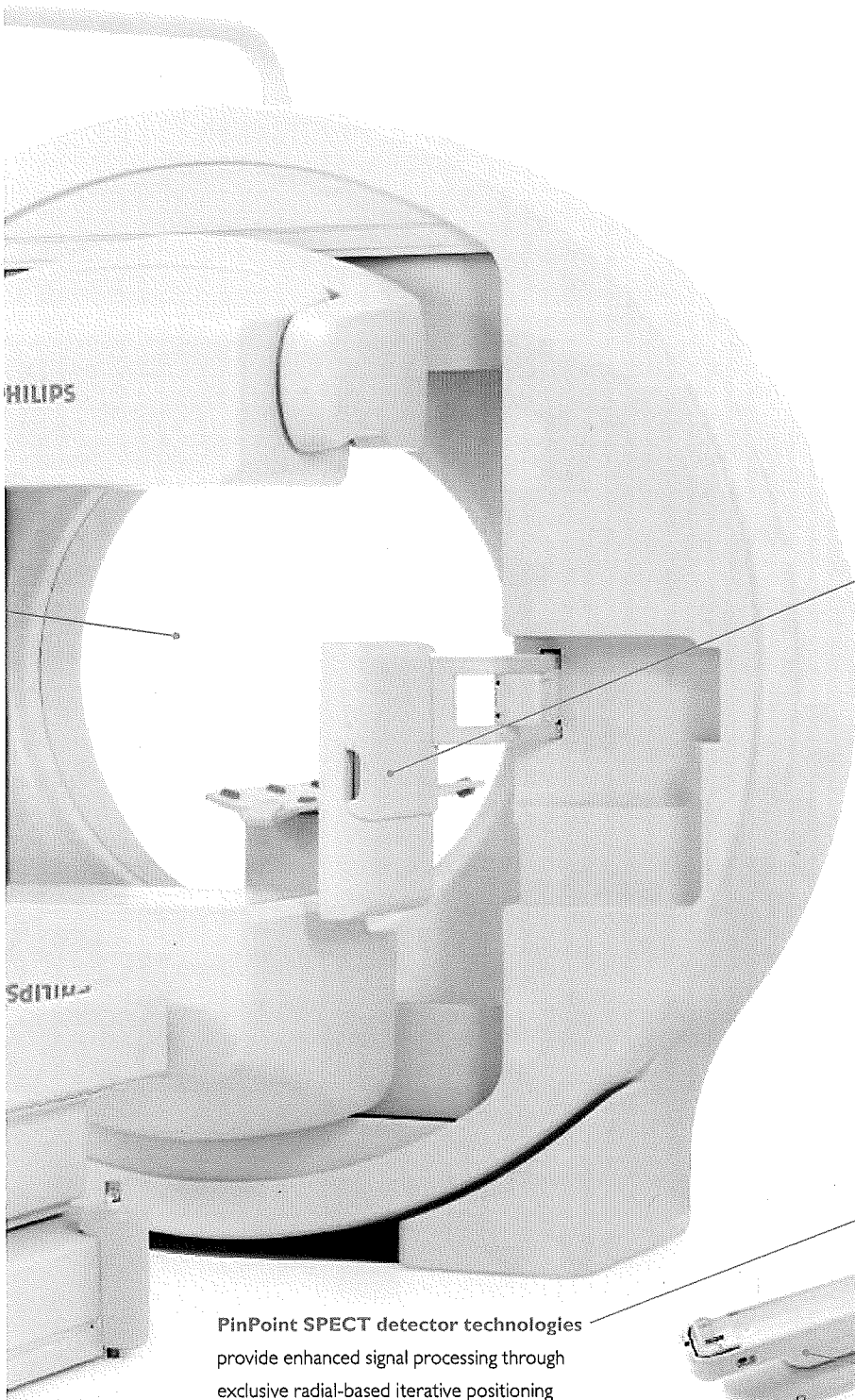


Bore opening of 91.4 cm
accommodates larger patients more easily. (The typical CT bore opening of other systems is much smaller)

CoPlanar FP design
puts patients at the center of care, with a cleverly designed patient zone to create an optimal physical and emotional environment for patients, regardless of their size.

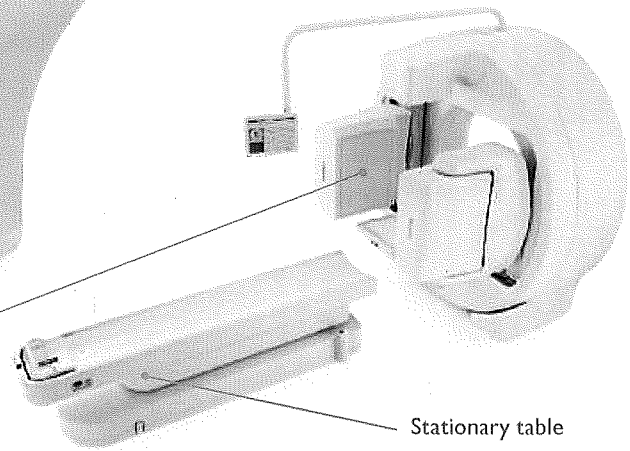
Advanced robotics
allow automatic setup of gantry, detectors, collimators, and patient table.





Proprietary flat X-ray CT detector offers high resolution CT images, allowing for true isotropic voxels and providing high quality images regardless of viewing angle.

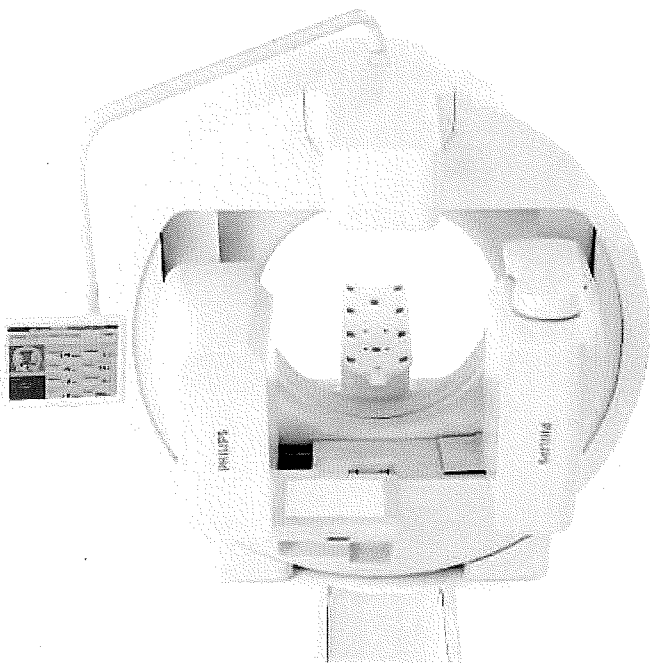
PinPoint SPECT detector technologies provide enhanced signal processing through exclusive radial-based iterative positioning algorithms, and enhanced uniformity and spatial registration through single-uniformity correction for multiple-energy imaging.



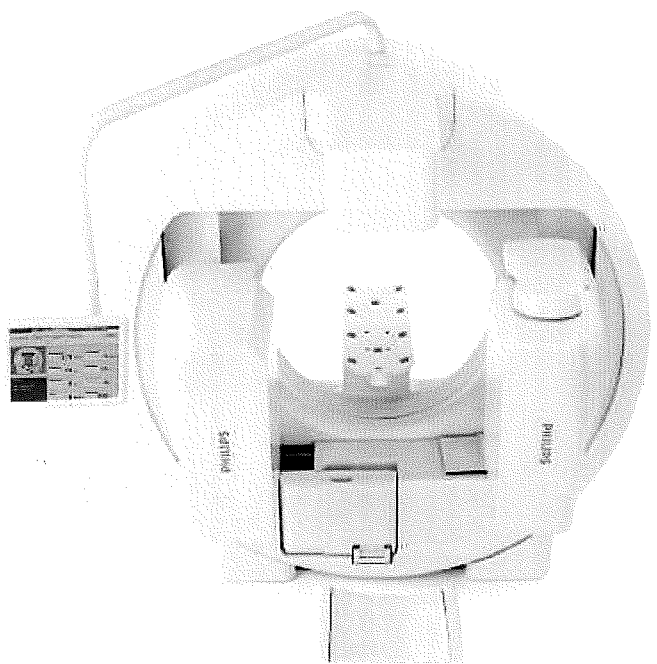
Stationary table remains fixed in many cases, eliminating registration artifacts caused by table indexing.

Intelligent design

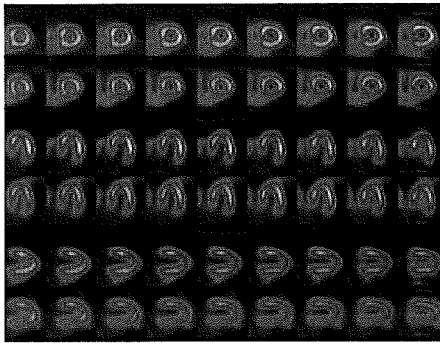
For technology to really serve you, it needs to be both smart and accessible. Philips BrightView has always been about technology that revolves around you and your needs, day to day. And now, with BrightView XCT, the flat CT detector is designed to fold flush to the system when not in use.



Flat CT detector when in use

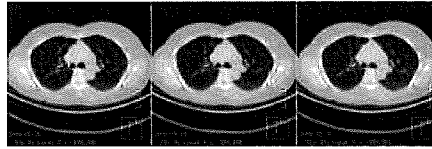


Flat CT detector folds flush when not in use



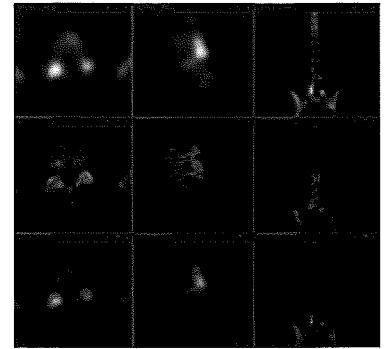
Cardiac attenuation correction

Attenuation corrected images (top row) compared to uncorrected images with inferior wall attenuation (bottom row)
Single 60-second tidal respiration
5 mA, 1.2 mGy



Lung CT

Example of CT image quality with 1 mm thick slices
Two sequential 12-second breath holds
20 mA, 6.8 mGy



Bone localization

Bilateral facet disease
Three sequential 12-second breath holds
20 mA, 6.8 mGy



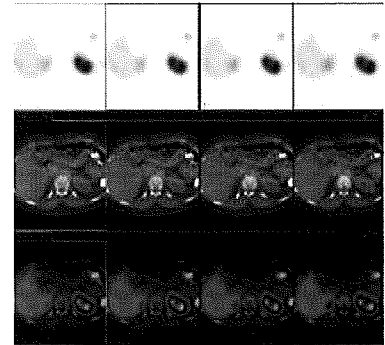
In-111 White cell localization

Example of high quality, low dose CT in patient with metal hip replacement
Three sequential 12-second breath holds
20 mA, 6.8 mGy



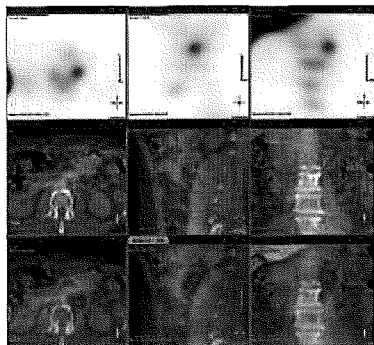
Bone localization

Excellent mapping of bone agent in osteosarcoma with high resolution CT (0.33 mm isotropic voxels)
Single 24-second CT acquisition
80 mA, 15 mGy



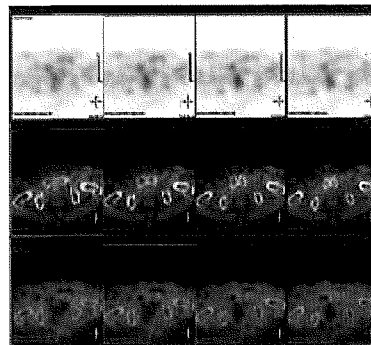
Octreotide localization

Good delineation of small abdominal structures on CT (adrenal gland)
Three sequential 12-second breath holds
20 mA, 6.8 mGy



ProstaScint localization

ProstaScint uptake in a periaortic lymph node
Three sequential 12-second breath holds
20 mA, 6.8 mGy



ProstaScint localization

Low grade ProstaScint uptake in prostate gland
Three sequential 12-second breath holds
20 mA, 6.8 mGy



Bone localization

Degenerative changes in the ankle.
Good trabecular bone detail on high resolution CT (0.33 mm isotropic voxels)
Single 24-second CT acquisition
80 mA, 15 mGy

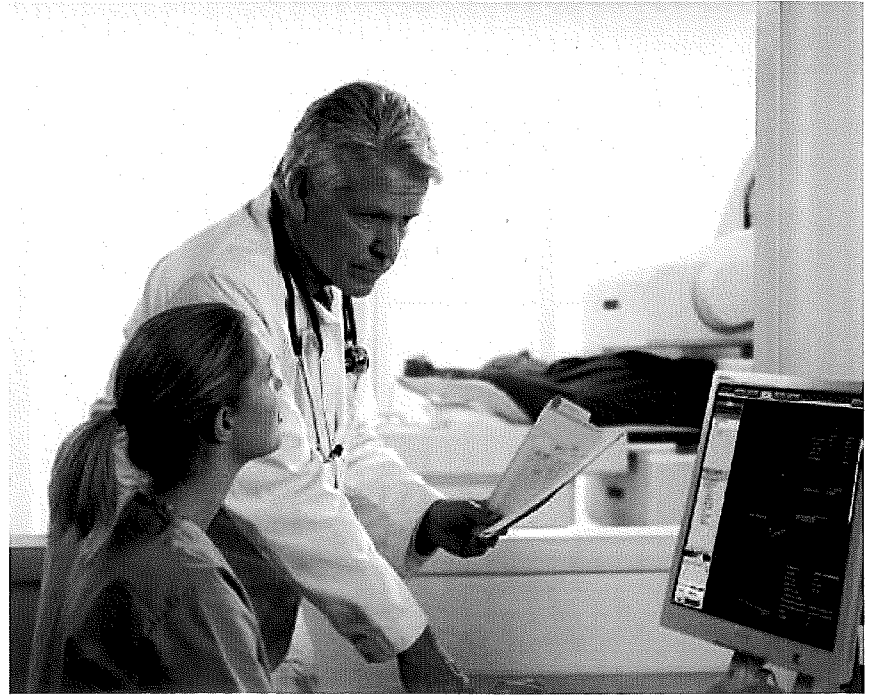
Images courtesy of Radiological Associates of Sacramento, California

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Workflow tailored to you

Philips lets you spend more time diagnosing, and less time opening and closing specific applications. With BrightView XCT, you can access software analysis tools with no interruption to the flow of your diagnostic evaluation.

The NM Application Suite, which is loaded on the Extended Brilliance Workspace, helps to streamline your workflow and save you time reviewing and analyzing studies. You can access a comprehensive portfolio of clinical applications and advanced visualization tools that are intuitive and easy to use.



To manipulate an image, simply click on the application, perform the function, and continue seamlessly with the evaluation. It's a workstation that's more in tune with your thinking than ever before.



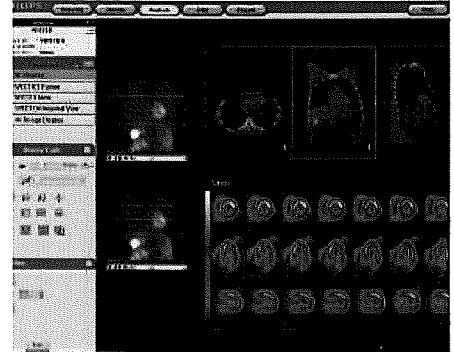
NM Application Suite

This high performance solution allows you to make a play list of protocols as you go, dynamically accessing tools when and where needed. Consists of Planar, SPECT, and QA Suites.



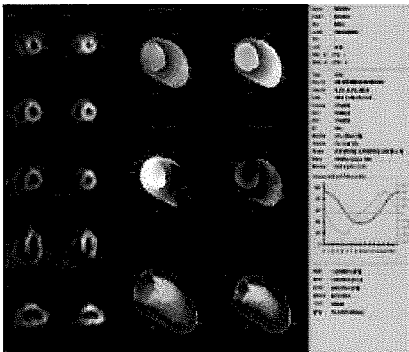
Planar Suite

Renal, lung, bone/whole body, MUGA, gastric, liver, gallbladder, esophageal, thyroid/parathyroid, and salivary applications are fully integrated with viewing, image manipulation, and curve math tools.



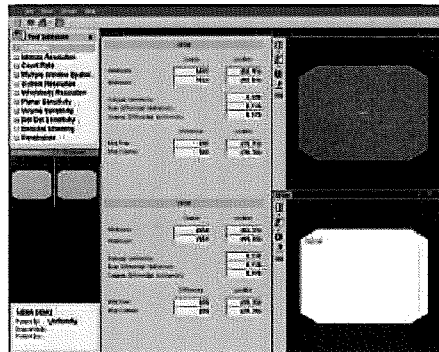
SPECT Suite

Seamlessly integrates AutoSPECT reconstruction and reorientation software, Astonish reconstruction algorithms, and multimodality registration and fusion. Automates the workflow from setup to review in a single mouse click.



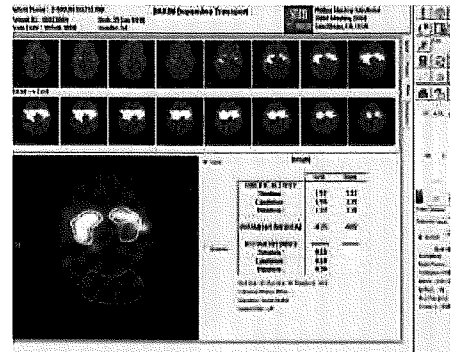
Cardiac Quantification

Comprehensive cardiac review and quantification suite of applications allow instant access to many data files, while facilitating workflow for study interpretation with exclusive integration of Quantitative Perfusion SPECT, Quantitative Gated SPECT, and Quantitative Blood Pool Analysis.



QA suite

Provides comprehensive tools for NEMA tests and daily and periodic quality assurance.

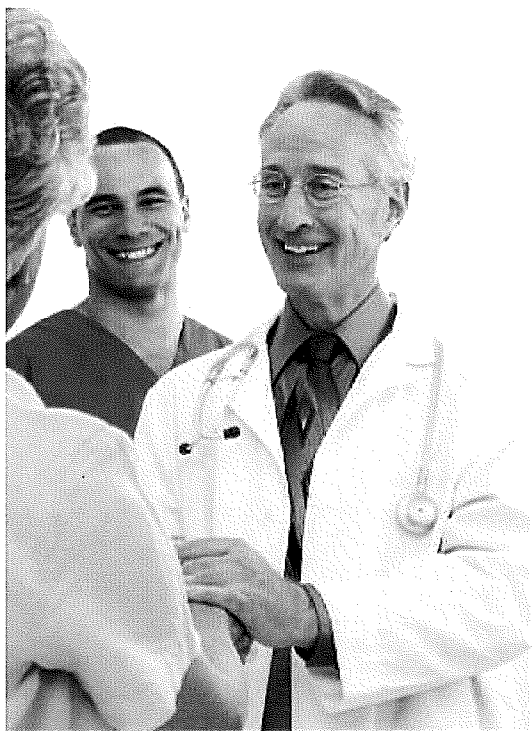


JETPack

Offers organ-specific applications to meet clearly defined needs worldwide.

With you all the way

BrightView XCT offers you advantages throughout your entire system ownership. Look forward to extensive capabilities in a compact package, with service and support that give you advantages throughout the life of your system.



Services – A full lifecycle solution

The success of your organization depends on people. Philips Services are designed with that in mind—creating healing environments, developing your staff, enhancing your organization's performance, and increasing patient satisfaction.

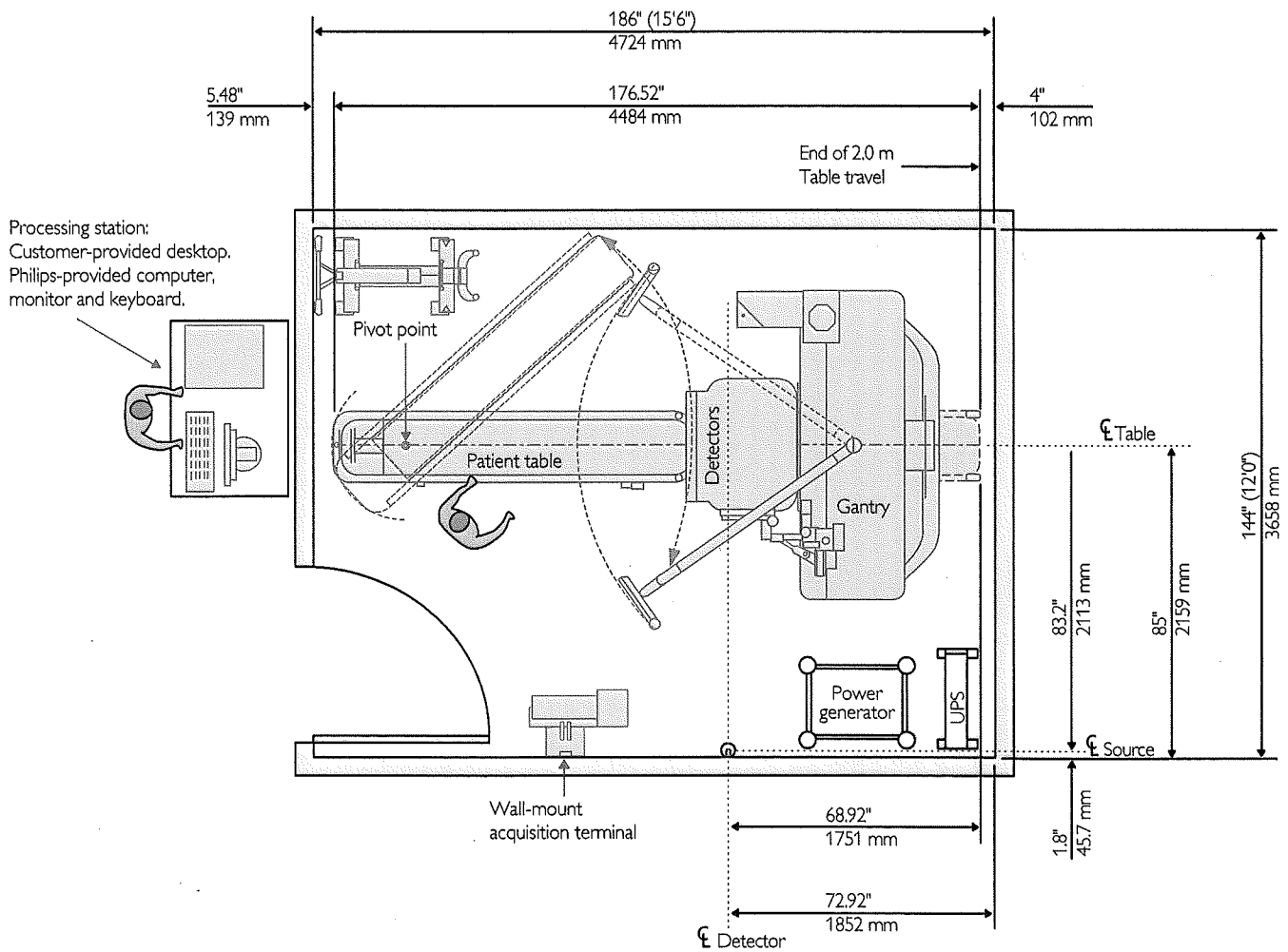
Depend on us. The resources, training, and support we offer enable you to focus on what's most important—your patients.

Find out more about how BrightView XCT fits you like no other

Please contact your Philips representative or visit us at www.philips.com/brightviewxct

Respects your space

Now you can add CT without adding real estate. Surprisingly compact and easy to install, BrightView XCT fits into a room as small as 15'6" x 12' (4.72 x 366 M) with minimal shielding and, in most cases, no need to specially reinforce flooring.



**Philips Healthcare is part of
Royal Philips Electronics**

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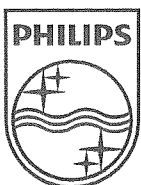
Global Information Center

P.O. Box 1286

5602 BG Eindhoven

The Netherlands

Please visit www.philips.com/brightviewxct



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Appendix C

Current and Proposed Drawings



VIDANT HEALTH

FACILITIES - PROPERTIES
210 STANTONSBURG ROAD
GREENVILLE, NC 27634
(252) 847-6877 PHONE
(252) 847-2874 FAX

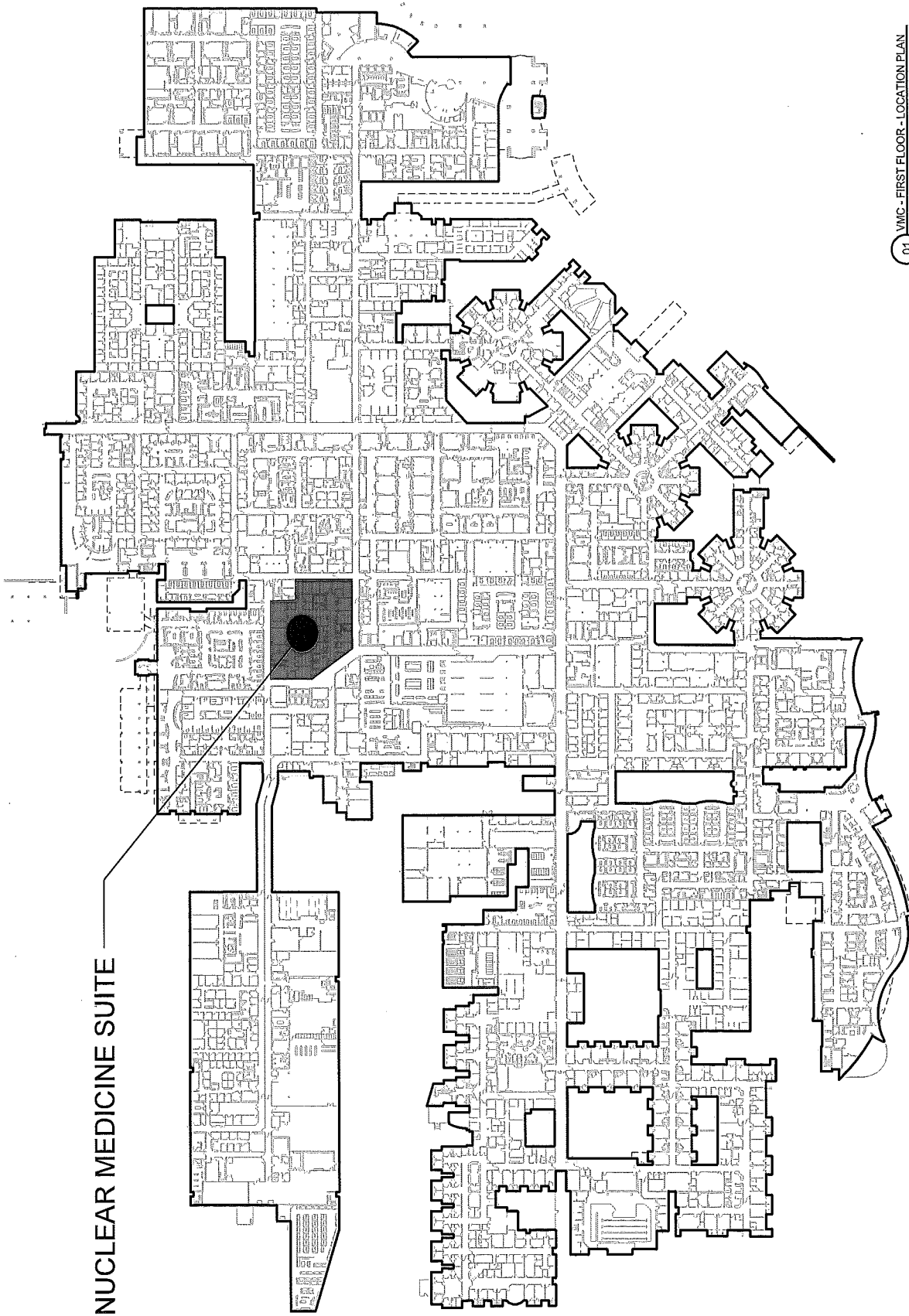
VIDANT MEDICAL CENTER
GREENVILLE, NORTH CAROLINA
NUCLEAR MEDICINE
ROOM #5

REVISIONS	MARK	DATE	DESCRIPTION

PROJECT NO. 000-000-000
DATE 07/19/2015
DRAWN BY F & P
SHEET NO. 01 OF 02

A.101

RECORD DRAWING



NUCLEAR MEDICINE SUITE

01 VMC - FIRST FLOOR - LOCATION PLAN
N.T.S.



VIDANT HEALTH

FACILITIES - PROPERTIES
2100 STANTONSPARC ROAD
GREENVILLE, NC 27634
(252) 847-6597 PHONE
(252) 847-2804 FAX

VIDANT MEDICAL CENTER
GREENVILLE, NORTH CAROLINA
NUCLEAR MEDICINE
ROOM #5

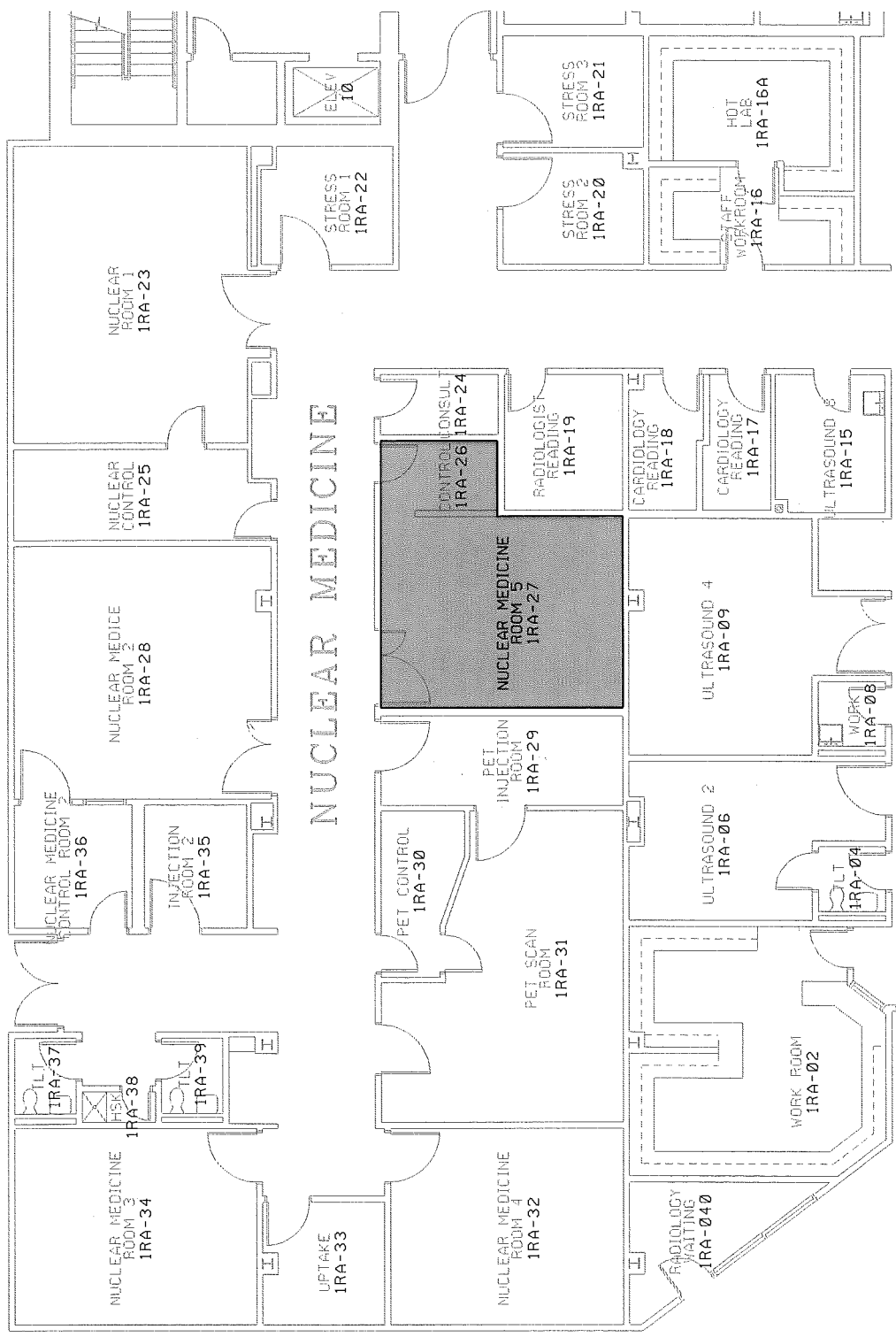
REVISIONS	DATE	DESCRIPTION

PROJECT NO.	000-000-000
DATE	09/20/05
DRAWN BY	F.P.P.

SHEET NO. 02 OF 02

A.102

RECORD DRAWING



01 NUCLEAR MEDICINE - RM. #5
N.T.S.

Appendix D

Capital Cost Sheet

CAPITAL COST SUMMARY

Site Costs

(1) Full purchase price of land		\$	0	
	Acres 0			Price per Acre \$ _____
(2) Closing costs		\$	0	
(3) Site Inspection and Survey		\$	0	
(4) Legal fees and subsoil investigation		\$	0	
(5) Site Preparation Costs [Include]				
	Soil Borings			
	Clearing and Grading			
	Roads and Parking			
	Sidewalks			
	Water and Sewer			
	Excavation and Backfill			
	Termite Treatment			
	Sub-Total Site Preparation Costs	\$	0	
(6) Other (Specify)		\$	0	
(7) Sub-Total Site Costs				\$ 0
Construction Contract				
(8) Cost of Materials [Include]				
	General Requirements			
	Concrete/Masonry			
	Woods/Doors & Windows/Finishes			
	Thermal & Moisture Protection			
	Equipment/Specialty Items			
	Mechanical/Electrical			
	Sub-Total Cost of Materials	\$	49,560	
(9) Cost of Labor		\$	33,040	
(10) Other				
(11) Sub-Total Construction Contract				\$ 82,600
Miscellaneous Project Costs				
(12) Building Purchase		\$	0	
(13) Fixed Equipment Purchase/Lease		\$	263,985	
(14) Movable Equipment Purchase/Lease		\$	0	
(15) Furniture		\$	0	
(16) Landscaping		\$	0	
(17) Consultant Fees				
	Architect and Engineering Fees	\$	15,000	
	Legal Fees			
	Market Analysis			
	CON Preparation			
	Sub-Total Consultant Fees	\$	15,000	
(18) Financing Costs (e.g. Bond, Loan, etc.)		\$	0	
(19) Interest During Construction		\$	0	
(20) Other (Specify)		\$	0	
(21) Sub-Total Miscellaneous				\$ 278,985
(22) Total Project Capital Cost (Sum A-C above)				\$ 361,585

Appendix E

Existing Equipment Removal Letter

PHILIPS

Steven Branch RT-R, CV
Radiology Services Manager
2100 Stantonsburg Rd.
Greenville, North Carolina 27834
January 17, 2014

Dear Steven:

This letter is to confirm the existing Brightview XCT system at Pitt County Memorial Hospital will be removed on May 15, 2015 by Philips Healthcare. This system will be permanently removed from the state of North Carolina and will no longer be exempt from requirements of the North Carolina Certificate of Need law. This system will not be used in North Carolina without first obtaining a new certificate of need.

Thanks

Mike Vitagliano

Michael Vitagliano
Director, Global Trade-in and Asset Management
Philips Medical Refurbished Systems

595 Miner Road, Cleveland, Ohio 44143

Tel: 440 483-5931 E-mail: michael.vitagliano@philips.com

Appendix F

Response to Required Questions

Responses to the Required Questions

1. **A comparison of the existing and replacement equipment, using the format in the attached table. Note: If the manufacturer's model and serial numbers for the existing equipment are not provided, the exemption request will not be processed until the numbers are provided.**

See Appendix B for the equipment comparison table

2. **A description of the basic technology and functions of the existing and replacement equipment, including diagnostic and treatment purposes for which the equipment is used or capable of being used.**

Nuclear medicine is a branch of medical imaging that uses small amounts of radioactive material to diagnose and determine the severity of or treat a variety of diseases, including many types of cancers, heart disease, gastrointestinal, endocrine, neurological disorders and other abnormalities within the body. Because nuclear medicine procedures are able to pinpoint molecular activity within the body, they offer the potential to identify disease in its earliest stages as well as a patient's immediate response to therapeutic interventions.

3. **Brochures or letters from the vendor describing the capabilities of the existing equipment and the replacement equipment.**

See Appendix B for vendor brochures for both the existing and replacement equipment

4. **A copy of the purchase order for the existing equipment, including all components and original purchase price.**

The original purchase order could not be located. The total cost of the existing equipment was \$1,072,724, which included \$297,824 in renovation costs, \$668,681 in lease payments, and \$106,219 exercised purchase option at end of lease.

5. **A copy of the title, if any, for the existing equipment or the capital lease for the existing equipment.**

No title exists for the existing equipment. VMC originally leased the equipment, but exercised its purchase option at the end of the lease. VMC currently wholly owns the existing equipment.

6. **If the replacement equipment is to be leased, a copy of the proposed capital lease that transfers substantially all the benefits and risks inherent in the ownership of the equipment to the lessee of the equipment, in accordance with criteria in Generally Accepted Accounting Principles (GAAP).**

Not Applicable. The replacement equipment will be purchased.

7. **If the replacement equipment is to be purchased, a copy of the proposed purchase order or quotation, including the amount of the purchase price before discounts and trade-in allowance.**

See Appendix A for a copy of the quote and specifications of the replacement equipment

8. **A letter from the person taking possession of the existing equipment that acknowledges the existing equipment will be permanently removed from North Carolina, will no longer be exempt from requirements of the North Carolina Certificate of Need law, and will not be used in North Carolina without first obtaining a new certificate of need.**

See Appendix E for a letter from the person taking possession of the existing equipment that acknowledges the existing equipment will be permanently removed from North Carolina, will no longer be exempt from requirements of the North Carolina Certificate of Need law, and will not be used in North Carolina without first obtaining a new certificate of need.

9. **Documentation that the existing equipment is currently in use and has not been taken out of service.**

To date, the equipment is still in service and is used to perform approximately 3.2 scans per day.