



NC DEPARTMENT OF HEALTH AND HUMAN SERVICES

ROY COOPER • Governor
MANDY COHEN, MD, MPH • Secretary
MARK PAYNE • Director, Division of Health Service Regulation

February 21, 2019

Jeffrey Shovelin
Vidant Health
PO Box 6028
Greenville, NC 27835-6028

No Review

Record #: 2888
Facility Name: The Outer Banks Hospital, Inc
FID #: 980550
Business Name: The Outer Banks Hospital, Inc
Business #: 1822
Project Description: Acquire a CT scanner
County: Dare

Dear Mr. Shovelin:

The Healthcare Planning and Certificate of Need Section, Division of Health Service Regulation (Agency) received your correspondence 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 that correspondence is not governed by, and therefore, does not currently require a certificate of need. 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.

You may need to contact the Agency's Construction Section, Radiation Protection Section and Acute and Home Care Licensure and Certification Section to determine if they have any requirements for development of the proposed project.

This determination is binding only for the facts represented in your correspondence. If changes are made in the project or in the facts provided in the correspondence referenced above, a new determination as to whether a certificate of need is required would need to be made by this office.

Please do not hesitate to contact this office if you have any questions.

Sincerely,

Jane Rhoe-Jones
Project Analyst

Martha J. Frisone, Chief
Healthcare Planning and Certificate of Need Section

cc: Acute and Home Care Licensure and Certification Section, DHSR
Radiation Protection Section, DHSR
Melinda Boyette, Administrative Assistant, Healthcare Planning, DHSR

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES • DIVISION OF HEALTH SERVICE REGULATION
HEALTHCARE PLANNING AND CERTIFICATE OF NEED SECTION

LOCATION: 809 Ruggles Drive, Edgerton Building, Raleigh, NC 27603
MAILING ADDRESS: 809 Ruggles Drive, 2704 Mail Service Center, Raleigh, NC 27699-2704
www.ncdhhs.gov/dhsr • TEL: 919-855-3873

rhoe-jones, jane e

From: Shovelin, Jeffrey <JShoveli@vidanthealth.com>
Sent: Tuesday, January 29, 2019 11:25 AM
To: rhoe-jones, jane e
Subject: RE: [External] Heads Up on Letters Sent Today

Follow Up Flag: Follow up
Due By: Monday, February 04, 2019 1:00 PM
Flag Status: Flagged

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report_spam@nc.gov

Thank you!!!!

From: rhoe-jones, jane e [mailto:jane.rhoe-jones@dhhs.nc.gov]
Sent: Tuesday, January 29, 2019 11:25 AM
To: Shovelin, Jeffrey <JShoveli@vidanthealth.com>
Subject: RE: [External] Heads Up on Letters Sent Today

CAUTION: This email message originated from outside of Vidant Health.

Hi Jeff,
I will get to the letters as soon as possible (hopefully by the end of next week).

Jane

From: Shovelin, Jeffrey [mailto:JShoveli@vidanthealth.com]
Sent: Wednesday, January 23, 2019 10:48 AM
To: rhoe-jones, jane e <jane.rhoe-jones@dhhs.nc.gov>
Subject: [External] Heads Up on Letters Sent Today

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to report_spam@nc.gov

Jane,

I hope all is going well with you.

I just want to give you a heads up on two letters that are being FedExed today and should arrive tomorrow. Even though there are two separate letters, they are somewhat connected. The Outer Banks Hospital has run into an issue while trying to relocate their existing CT simulator to complete their linear accelerator replacement project. The machine is essentially a paper weight because there was a major hardware and disk drive failure experienced just prior to relocation. The unit is so old, they no longer make or support these parts. To address this issue, I am sending you two letters. The first is a material compliance letter to relocate the hospital's existing CT from the hospital to the radiation treatment center. This letter probably needs to be reviewed/approved first before the second, an exempt from CON letter for adding a new CT scanner to the hospital, can be reviewed/approved. Since we can't seem to anything the easy

way, I am just giving you a heads up. The letters should be self-explanatory, but feel free to contact me if you have questions, concerns or need additional information.

If possible, could these letters be reviewed at pretty quickly? They system failure of the CT simulator was unexpected and leaves OBH using the hospital's CT scanner for simulation services. Not the ideal location. The quicker they can solve the issue, the better it will be for their cancer patients. Anything you could do would be very much appreciated, but I understand if your current workload prevents it.

Thank you!

Email correspondence to and from this address is subject to the North Carolina Public Records Law and may be disclosed to third parties by an authorized State official. Unauthorized disclosure of juvenile, health, legally privileged, or otherwise confidential information, including confidential information relating to an ongoing State procurement effort, is prohibited by law. If you have received this email in error, please notify the sender immediately and delete all records of this email.



January 22, 2019

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” / The Outer Banks Hospital, Inc. / Acquire an Additional (2nd) Diagnostic CT Scanner / Dare County / FID #170277

Dear Ms. Rhoe-Jones:

The Outer Banks Hospital, Inc. (OBH) is planning to purchase a new GE Revolution EVO diagnostic CT scanner. The proposed new CT scanner would represent an additional incremental increase of 1 CT scanner to OBH’s current inventory of 1, bringing the hospital’s inventory to 2.

Background:

OBH was awarded a Certificate of Need (CON) on September 27, 2017 to replace an existing linear accelerator and relocate it to a new radiation therapy center (RTC) across the street from the existing hospital. The project was originally proposed to also include the relocation of an existing CT simulator. However, prior to the relocation process, the CT simulator located at the former radiation therapy center had a hardware and disk drive malfunction, rendering the equipment inoperable. The CT simulator was produced in 1997 and parts for the equipment are no longer being manufactured. GE service representatives were unsuccessful in locating the needed components during repair efforts. Therefore, the existing CT simulator will no longer be relocated to the new RTC.

To address this issue and remain materially compliant with the representations made in the CON, OBH is now planning to relocate an existing diagnostic GE 64-Slice LightSpeed VCT CT scanner from the main hospital and place it in the new RTC building located across the street from the hospital. OBH intends to operate the CT scanner as both a diagnostic CT for non-radiation therapy patients as it currently is today, as well as provide the needed CT simulator functions to support radiation oncology services.

Proposed Project:

As a result of this relocation, OBH will have vacated space in the main hospital already designed to accommodate a CT scanner. OBH intends to backfill the vacated space with a new GE

Revolution EVO diagnostic CT scanner. The proposed new CT scanner would represent an additional incremental increase of 1 CT scanner to OBH's current inventory of 1, bringing the hospital's inventory to 2. The total cost to add the new CT scanner is estimated at \$722,441. This includes the cost of equipment and all other associated capital costs. The proposed project is anticipated to be completed by July 2019. A detailed capital cost sheet, site plan, floor plan, equipment quote/specs, and equipment brochure are attached to this letter.

OBH considered several options before deciding the proposed project was the best option.

- Option 1: OBH considered simply replacing the inoperable CT simulator with a new unit and leave the existing CT scanner as is. This option was determined not to be the lowest cost solution. The existing CT scanner in the hospital was originally installed in 2009. This scanner is budgeted for replacement in 2020. This option would require a capital purchase of a new CT simulator this year and a capital purchase of a replacement CT scanner next year. In addition, a replacement CT simulator would not be materially compliant with the original CON and would have also caused the project to exceed 115% of the proposed capital costs.
- Option 2: OBH considered replacing the existing CT scanner with a new CT scanner, relocating the existing CT scanner to the RTC to operate as a CT simulator, and take the inoperable CT simulator out of service. While this option requires less capital than Option 1 and would solve the CT simulator issue, this option was not seen as the best use of equipment capabilities. Currently, OBH has only 1 CT scanner. When the CT scanner is not available due to mechanical issues or routine maintenance, OBH has to rent a costly mobile CT scanner. In addition to the cost, the mobile CT presents patient transport inefficiencies as well as technology limitations. While the existing CT scanner only has 1-2 more years of useful life as the hospital's and County's only diagnostic CT machine, it can have several more years of useful life functioning primarily as a CT simulator, as well as a backup diagnostic CT when needed. OBH would be wasting the additional technical capabilities the existing CT scanner has simply using it as a CT simulator.
- Option 3 (Proposed Project): Relocate the existing CT scanner to the RTC and operate it primarily as a CT simulator as well as a backup diagnostic CT scanner and add a new (2nd) CT scanner in the vacated space in the hospital. This option was determined to be the best solution. It requires the least capital, solves OBH's inoperable CT simulator issue, eliminates OBH's need to incur costly mobile CT rental costs, and allows OBH to have a permanent backup diagnostic CT scanner.

Exempt from CON Review:

OBH believes the proposed project is not subject to review under North Carolina's Certificate of Need laws. Pursuant to N.C.G.S. 131E-176(14o), the proposed project does not meet the definition of "major medical equipment" as defined below.

"Major medical equipment" means a single unit or single system of components with related functions which is used to provide medical and other health services and which costs more than seven hundred fifty thousand dollars (\$750,000). In determining whether the major medical equipment costs more than seven hundred fifty thousand dollars (\$750,000), the costs of the equipment, studies, surveys, designs, plans, working drawings, specifications, construction, installation, and other activities essential to acquiring and making operational the major medical equipment shall be included. The capital expenditure for the equipment shall be deemed to be the fair market value of the equipment or the cost of the equipment, whichever is greater. Major medical equipment does not include replacement equipment as defined in this section.

As the attached capital cost sheet details, the estimated cost to add the new (2nd) CT scanner is \$722,441. This includes all the costs of the equipment, studies, surveys, designs, plans, working drawings, specifications, construction, installation, and other activities essential to acquiring and making operational the CT scanner. In addition, OBH believes the proposed quote for the equipment represents the fair market value for the equipment based on other CT scanner projects Vidant Health has completed over the years. Since the total capital cost of the project is less than \$750,000, the proposed project does not meet the definition of major medical equipment. Because the proposed project does not meet the definition of major medical equipment, OBH requests a determination of exempt from CON review. If you need additional information or clarification, please do not hesitate to contact me at (252) 847-3631.

Sincerely,

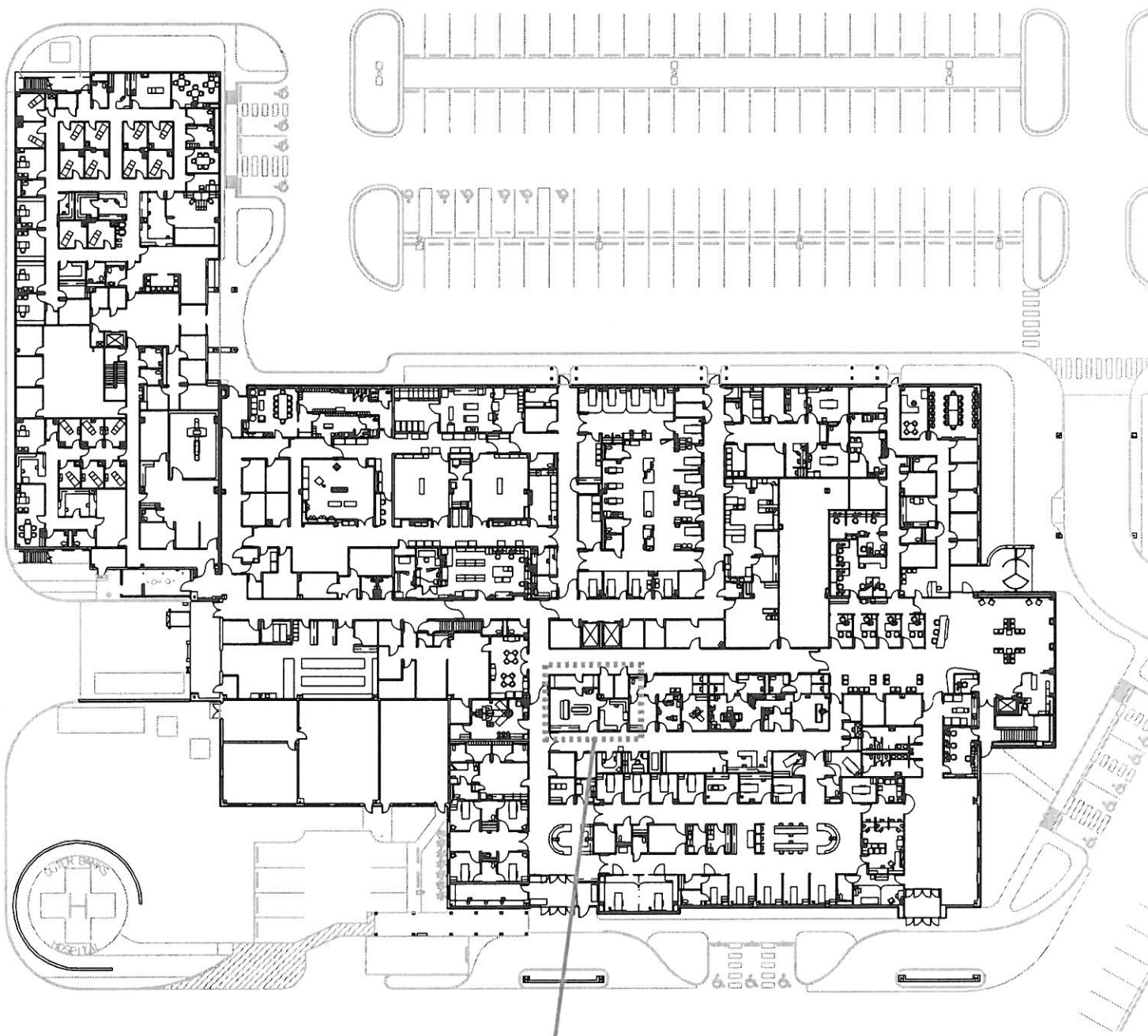


Jeffrey Shovelin
Administrator, Corporate Planning
Vidant Health
PO Box 6028
Greenville, NC 27835-6028
Phone: (252)-847-3631
Email: jshoveli@vidanthealth.com

Capital Cost Sheet

TOBH Additional CT Scanner

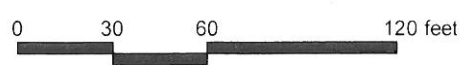
Category		Total Cost
Building Purchase Price	\$	-
Purchase Price of Land	\$	-
Closing Costs	\$	-
Site Preparation	\$	-
Construction/Renovation Contract(s)	\$	39,400
Landscaping	\$	-
Architect / Engineering Fees	\$	34,500
Medical Equipment	\$	618,291
<i>CT Scanner - Base (w/o \$2,000 trade in)</i>	\$	553,043
<i>Additional Options</i>	\$	65,248
Non Medical Equipment	\$	-
Furniture	\$	-
Consultant Fees (specify)	\$	-
Financing Costs	\$	-
Interest during Construction	\$	-
Other (DHSR Review Fee)	\$	3,250
Other (Rent - Mobile CT Unit During Install)	\$	27,000
Total Capital Cost	\$	722,441

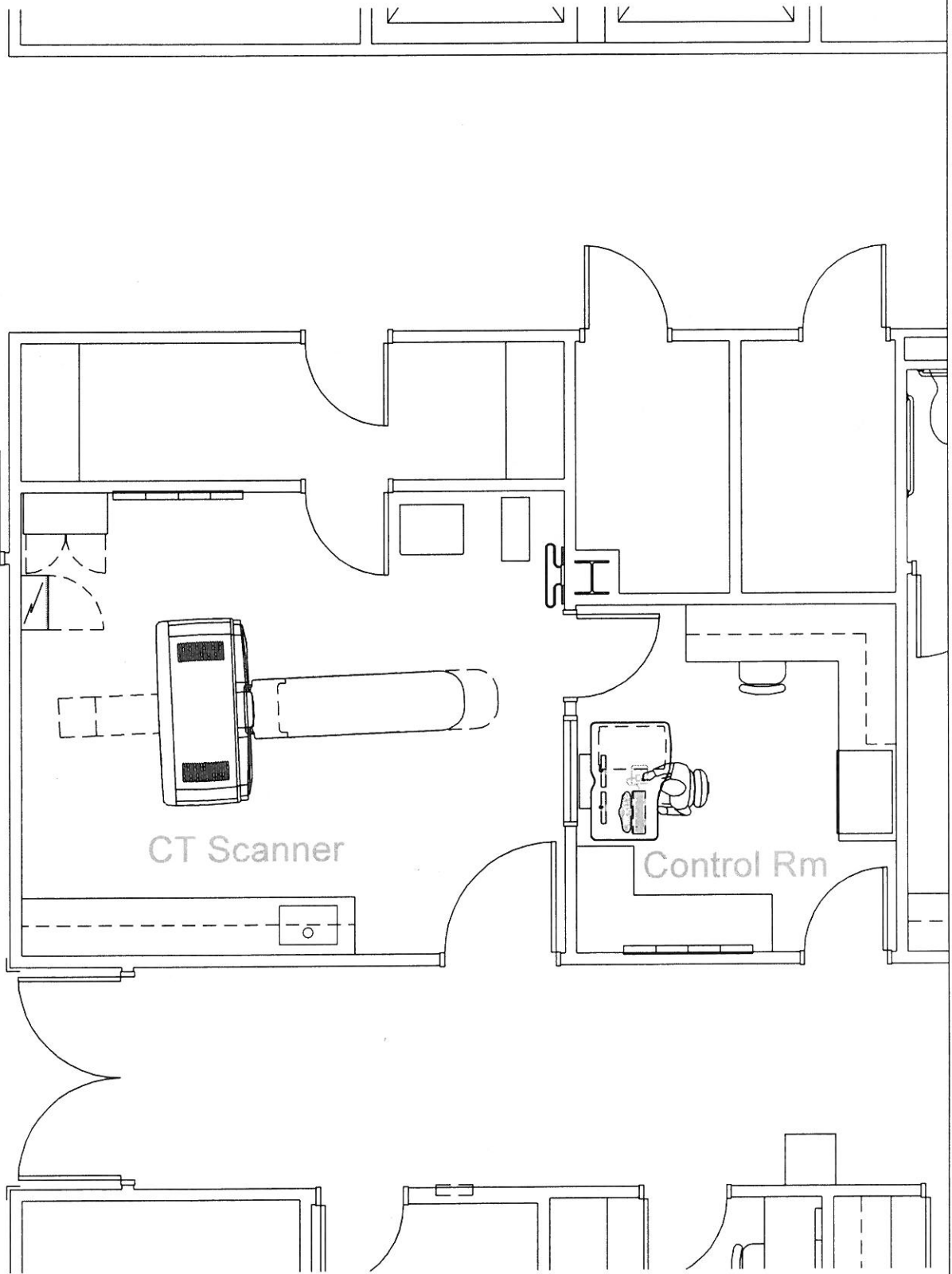


Replacement of existing CT equipment

The Outer Banks Hospital Floor Plan

January 15, 2019





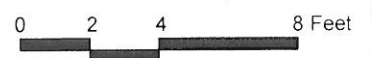
CT Scanner

Control Rm

Enlarged

The Outer Banks Hospital Floor Plan

January 15, 2019





December 28, 2018
 Quote Number: **2001820892.6**
 Customer ID: **1-24BE6T**
 Agreement Expiration Date: **3/28/2019**

Outer Banks Hospital Inc
 4800 S Croatan Hwy
 Nags Head, NC 27959-9704

This Agreement (as defined below) is by and between the Customer and the GE Healthcare business ("GE Healthcare"), each as identified below for the sale and purchase of the Products and/or Services identified in this Quotation, together with any applicable schedules referred to herein ("Quotation"). "Agreement" is this Quotation and either: (i) the Governing Agreement identified below; or (ii) if no Governing Agreement is identified, the GE Healthcare Terms and Conditions and Warranties that apply to the Products and/or Services identified in this Quotation. In the event of conflict, the Quotation supersedes.

GE Healthcare can withdraw this Quotation at any time before Customer: (i) signs and returns this Quotation or (ii) provides evidence of Quotation acceptance satisfactory to GE Healthcare ("Quotation Acceptance"). On Quotation Acceptance, this Agreement is the complete and final agreement of the parties relating to the Products and/or Services identified in this Quotation. There is no reliance on any terms other than those expressly stated or incorporated by reference in this Agreement and, except as permitted in this Agreement, no attempt to modify will be binding unless agreed to in writing by the parties. Modifications may result in additional fees and cannot be made without GE Healthcare's prior written consent.

Handwritten or electronic modifications on this Agreement (except an indication of the form of payment, Customer purchase order number and signatures on the signature blocks below) are void.

Governing Agreement:	Novation Vizient Supply LLC
Terms of Delivery	FOB DESTINATION
Billing Terms	80% delivery or Shipment / 20% Acceptance or Installation
Payment Terms	NET 30
Total Quote Net Selling Price	\$551,042.52
Sales and Use Tax Exemption	No Certificate on File

INDICATE FORM OF PAYMENT:

(If there is potential to finance with a lease transaction, by GE HEF otherwise, select lease)

- Cash*
- Lease
- GE HEF Loan
- If financing, please provide name of finance company: _____)

*Selecting "Cash" or not identifying GE HEF as the finance company declines the option for GE HEF financing.

The parties have caused this Agreement to be executed by their authorized representative as of the last signature date below.

Outer Banks Hospital Inc Legal Entity

Signature: _____

Print Name: _____

Title: _____

Date: _____

Purchase Order Number, if applicable

GE Healthcare Legal Entity Name

Signature: Nicholas Bengel

Title: Imaging Account Manager

Date: December 28, 2018

Line	Qty.	Catalog	
1	1.00	Y0000LC	Pricing Non-Disclosure Language

This CONFIDENTIAL offer may not be shared with any third parties, buying evaluation groups or anyone not directly employed by customer. This offer is being extended in relation to a national show-site agreement, research partnership, or other non-standard transaction. If required for publishing, GE will happily provide a list price quote.

Line	Qty.	Catalog	
2	1.00	S7880EX	Revolution EVO System - EX configuration

Today's healthcare environment is about creating new solutions to pressing needs. It's about understanding how one CT exam can improve patient outcomes while lowering the cost of providing care. Revolution EVO is designed with the purpose of operating in this new reality, while anticipating the challenges of tomorrow. It is designed to support the widest variety of patients and applications, from complex trauma or cardiac cases, to large patient backlogs in busy emergency departments that strain workflows and resources. The design of Revolution EVO is made for institutions that are unable to sacrifice advanced capabilities such as high resolution for daily productivity. It is well suited for those who need to provide the lowest dose possible. And it provides options to expand your referral physician base and the services you provide to your community.

Revolution EVO is designed for you.

Revolution EVO is the next generation volume CT with a compact design and advanced technologies enabling you to see fine anatomical details, providing a pathway to a quick, confident diagnosis and delivering improved image quality across the entire body. Diagnostic images at the right dose add up to great care. Our innovative iterative reconstruction technologies are designed to reduce noise levels, improve low-contrast detectability and reduce dose for all patients. Additional Smart Dose technologies like organ dose modulation and XR-29 capabilities help you monitor, measure and manage your dose delivery.

Often the only thing you can predict about your workday is how unpredictable it will be. Revolution EVO is designed to help you manage this unpredictability - quickly and compassionately. Revolution EVO Smart Flow technologies are designed to help you improve productivity by streamlining user workflow and access to information, enabling you to perform more studies in less time and manage your patient flow up to 40% more efficiently. Revolution EVO is designed to help you compete in your market by helping to manage the health of your patient population today with precision, efficiency and the right dose.

Clarity Imaging Chain

Completely redesigned and uniquely patented imaging chain design integrates the data acquisition system directly with the photo diode reducing the size of this integrated system by 75%, improving signal to noise by 44% and power consumption by 50% compared to previous systems. The Performix 40 Plus tube delivers exceptional performance. The new liquid bearing and dual focal spot design improves precision.

Clarity Imaging Chain provides the following:

- 40 mm of coverage
- Cable free between ASIC and Diode, and has a capability to reduce electric noise.
- Up to 90% less heat compared with previous GE technology
- Improved signal to noise up to 44% compared with previous GE technology
- Optimized collimator to reduce scatter dose, noise and artifacts.
- Performix40 Plus X-ray tube provides less focus movement.

ASiR

ASiR iterative reconstruction technology may enable reduction in pixel noise standard deviation (a measurement of image noise). The ASiR algorithm may allow for reduced mA in the acquisition of images, thereby reducing the dose required. ASiR iterative reconstruction technology also may enable improvement in low contrast detectability. In clinical practice, the use of ASiR may reduce CT patient dose depending on the clinical task, patient size, anatomical location and clinical practice. A consultation with a radiologist and physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task.

Smart Technologies

Smart Dose

Intelligent technology designed to help you acquire high-quality images using lower doses of radiation, contributing to more accurate diagnoses and lower exposures for patients. Includes dose management tools such as:

- Organ Dose Modulation (ODM): ODM provides a reduction of radiation dose via X-ray tube current modulation for sensitive tissues, such as breasts or eyes.
- Compliant with the NEMA XR 25, and XR 29 standards
- Adult and Pediatric reference protocols
- Dose Check - Patient pre-scanning monitoring and alerts. Receive notifications and alerts if your predetermined dose levels will be exceeded. You can correct and confirm the right settings before scanning to avoid unnecessary radiation dose to your patient. Dose check is based on standard XR 25-2010 published by The Association of Electrical and Medical Imaging Equipment Manufacturers (NEMA).
- Dose Reporting: CTDIvol, DLP, Dose Efficiency are displayed to the user during scan prescription and at the end of the exam. The CTDIvol, DLP, and Phantom size used to calculate dose is automatically saved once the user selects End Exam.
- DICOM Structured Dose Report generates a CT Dose Report, which can enable tracking of dose (CTDIvol and DLP) for the patient by the hospital radiation tracking system.
- 3D mA Modulation utilizing SmartmA and Auto mA: 3D mA Modulation allows you to personalize protocols and optimize dose for every patient – large and small. During the patient scan, in real-time, these automatic exposure controls, modulate dose in 3D helping you deliver consistent image quality because it automatically accounts for the changing dimensions of your patient's anatomy. 3D mA modulation acquisitions may reduce dose compared with fixed mA acquisitions. Auto mA modulation is designed to optimize the dose for the user prescribed noise index. Its effect on dose depends on the patient body habitus, and prescribed noise setting.
- Dynamic Z-axis tracking: Dynamic Z-axis tracking provides automatic and continuous correction of the x-ray beam shape to block unused x-ray at the beginning and end of a helical scan to reduce unnecessary radiation.
- DoseWatch Explorer Web based dose management solutions: Analyze, identify, and optimize patient dose. Track and monitor patients' cumulative radiation dose over time and take steps to prevent excessive radiation dose. DoseWatch Explore is an introductory dose management software application that provides you secure access, via any PC with internet access, to dose and protocol data from this system. An InSite connection to the system and completion of the registration process is required to use the DoseWatch Explore application. For US and Canadian Customers, this quotation includes access to the DoseWatch Explore application for a period concurrent with the system warranty.

Smart Flow

Designed to help you improve productivity and patient experience by streamlining your workflow and access to information. Smart Flow technologies:

- Silent design of Revolution EVO gantry allows significant reduction of audible noise compared with previous GE technology.
- Xtream display is a multi-purpose touch LCD screen on the Revolution EVO gantry. Xtream display can show the user basic patient

information as well as enable advanced capability of One Stop ED mode and instructional or distraction videos. The user can confirm patient information in the scan room and improving workflow with preset positioning (default patient positioning) on the gantry display.

- Fast, hands-free patient positioning: Default Patient Positioning provides user friendly positioning. After patient is positioned on the table, the operator touches the selects the anatomical reference on the Xstream display. The table is transferred to that anatomical reference simply by the foot pedal has been pressed by the user.
- One stop scanning mode: Revolution EVO's exceptional one stop scanning mode provides a streamlined workflow on the Xstream display. From the Xstream display at the gantry the user can: 1. select the patient from the worklist, 2. Select the appropriate protocol, 3. Confirm the firm the 1st within the selected protocol. All without having to leave the patients side.
- Image Check - Real-time reconstruction during the scan: With Image Check, up to 55 images are reconstructed and available per second. Reconstructing images in real time helps you focus solely on the well being and diagnosis of your patient.
- Instructional or Distraction videos are to assist the user in explaining the CT examination to patients. This is very useful when the user and patient do not speak the same language. Distraction videos are for young patient to help keep them distracted during exam prep and scanning. Additional the Movie Change feature allows you to upload your own video
- 10 PMR's, for trauma patients, when the extent of the injuries is unknown, you can prospectively prescribe up to 10 multiphase reconstructions and easily prioritize which one you need first.
- GE's protocol management is improved with the addition of a workflow improvement feature, which allows easy configuration of back to back axial or helical scans of the same anatomy at two different X-ray energies (kVp's). To further improve registration accuracy, patient immobilization may be utilized. The acquired dual energy data can be post-processed on the console or AW workstation using the Add/Sub function to gain additional clinical information.
- IQ Enhance pitch booster - Scan a chest in as fast as two seconds with 175 mm/sec acquisition speed to help shorten patient breath-holds while maintaining image quality. Requires 0.35 second rotation speed capability to achieve 175mm/sec.
- Adaptive Enhance Level Adjustment (AELA) may improve visual spatial resolution while maintaining pixel noise standard deviation and artifact.
- Direct MPR with Auto-Batch feature, affording automatic real-time direct reconstruction and transfer of fully corrected multi-planar images, also allows users to move from routine 2D review to prospective 3D image review of axial, sagittal, coronal, and oblique planes while enabling automated protocol-driven batch reformats to be created and networked to their desired reading location.
- Exam Split
- Volume Viewer on console

Scan modes

Helical:

- Helical Scan Speeds: Full 360° rotational scans: 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0 second (Optional 0.35 second routine)
- Helical Pitch (nominal): 0.516 to 1.531
- Cardiac Pitch: 0.16 to 0.325 (Optional cardiac packages required to enable cardiac pitch)
- Selectable kV: 80, 100, 120, 140
- Selectable mA: 10 to 560, 5 mA increments
- Reconstruction Algorithms: Soft Tissue, Standard, Detail, Chest, Bone, Bone Plus, Lung, Ultra, Edge, Edge Plus

Axial & Cine

- Scan Speeds: 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, and 2.0 second full scans (360° acquisition). (0.35 sec optional)
- Selectable kV: 80, 100, 120, 140
- Selectable mA: 10 to 560, 5 mA increments
- Scan Plane Geometry: $\pm 30^\circ$ gantry tilt, 0.5° increments
- Reconstruction Algorithms: Soft Tissue, Standard, Detail, Chest, Bone, Bone Plus, Lung, Ultra, Edge, Edge Plus

System Components:

- Advanced slip ring design continuously rotates the generator, Performix 40 Plus tube, Clarity detector and data acquisition

system around the patient.

- Aperture: 70 cm
- Maximum SFOV: 50 cm
- Tilt: +/- 30 degrees, speed 1 degree/sec
- Multi-purpose LCD touch screen display with workflow features
- Integrated start scan button with countdown timer to indicate when x-ray will turn on.
- X-ray Tube
 - Performix*40 Plus liquid metal bearing tube
 - Heat storage capacity: 7.0 MHU (Performix*40 Plus)
 - Dual Focal Spots:
 - o Small Focal Spot: 0.7 (W) x 0.6 (L) Nominal Value; (IEC 60:193)
 - o Large Focal Spot: 0.9 (W) x 0.9 (L) Nominal Value; (IEC 60:193)

- High Voltage Generator: High Frequency on-board generator allows for continuous operation during scan.
 - 72 kW
 - kV: 80, 100, 120, 140
 - Max Power (Hardware): 72 kW
 - mA: 10 to 560 mA, 5 mA increments

Clarity Hilight Detector

- 64 slice system
- 40 mm Clarity Hilight Detector system is comprised of 54,272 individual elements with 64 rows of 0.625mm thickness at isocenter. All data is acquired as thin slice at 0.625 mm with the ability of thicker slices from image reconstruction or processing.
- 98% absorption efficiency
- Clarity DAS (Data Acquisition System): The Clarity DAS dramatically reduces noise and improves image performance
 - 2,460 Hz maximum sample rate.
 - 861 - 1968 views per rotation

Revolution EVO computer system

- 2,100GB Disk (system, image, scan disks) stores up to 460,000 512x512 images and 3520 scan rotations at 64 channel mode or up to 1,500 scan data files, or up to 300 exams.
- Reconstruction speed with Standard reconstruction: Up to 55 frames per second with Image Check and Up to 35 frames per second in full 512 matrix

Warranty: The published Company warranty in effect on the date of shipment shall apply. The Company reserves the right to make changes.

General Electric Company reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation.

Laser alignment devices contained within this product are appropriately labeled according to the requirements of the Center for Devices and Radiological Health.

Line	Qty.	Catalog	
3	1.00	B7590EN	English Keyboard Kit

English Keyboard Kit

Line	Qty.	Catalog	
4	1.00	B7660MR	CT Standard cable set

System standard cable set

Line	Qty.	Catalog	
5	1.00	B7880AB	VT1700 Table

The VT1700V patient table has the following features:

- Maximum table load: 500 lbs
- Horizontal speed: 1 – 175 mm/s
- Scannable range: 1,730 mm
- Scout scannable range: 1,600 mm
- Vertical range: 430 – 990 mm
- Elevation speed: 12.5 – 25.5 mm/s

Line	Qty.	Catalog	
6	1.00	B7900LC	Low Dose CT Lung Screening Option with Indication For Use

This option provides lung screening reference protocols that are tailored to the CT system, patient size (small, average large), and the most current recommendations from a wide range of professional medical and governmental organizations. Now, qualified GE Healthcare CT scanners with this option are formally indicated for, and can be confidently used by physicians for low dose CT lung cancer screening of identified high-risk patient populations. These protocols deliver low dose, short scan times, and clear and sharp images for the detection of small lung nodules. Early detection from an annual lung screening with low dose CT in high-risk individuals can prevent a substantial number of lung cancer-related deaths.

All new GE 64-slice and greater CT scanners, and virtually all of the 16-slice CT scanners that GE Healthcare sells are qualified for this screening option. This solution is also available to thousands of qualified GE CT scanners currently in use, increasing access to the quality scanners that satisfy both patient and physician needs. The new protocols, do include the choice for the user to be able to utilize GE Healthcare’s industry-leading technologies such as ASiRTM, ASiR-VTM and VeoTM that are designed to reduce image noise, which is undesirable for physicians looking for small nodules.

This option contains two documents. Lung Cancer Screening Option Reference Protocol Guide, and the Lung Cancer Screening Option User Manual / Technical Reference Manual

i) The following GE Healthcare CT scanners are qualified to receive the new low dose CT Lung Cancer Screening Option: LightSpeed 16, BrightSpeed Elite, LightSpeed Pro16, Optima CT540, Discovery CT590 RT, Optima CT580, Optima CT580 W, Optima CT590 RT, LightSpeed Xtra, LightSpeed RT16, LightSpeed VCT, LightSpeed VCT XT, LightSpeed VCT XTe, LightSpeed VCT Select, Optima CT660, Revolution EVO, Discovery CT750 HD, Revolution HD, Revolution CT, Revolution Frontier.

ii) Moyer V. Screening for Lung Cancer: U.S. Preventive Services Task Force Recommendation Statement. Ann Intern Med.

2014;160:330-338.

<http://www.uspreventiveservicestaskforce.org/Page/Document/RecommendationStatementFinal/lung-cancer-screening>

Line	Qty.	Catalog	
7	1.00	B7880MR	SmartMAR option

SmartMAR (Metal Artifact Reduction) software helps reduce photon starvation, beam hardening and streak artifacts caused by high Z materials in the body, such as hip implants.

The clarity of SmartMAR images is addressing the challenges posed by metal artifacts, helping clinicians accurately contour targets and critical organs.

MAR offers:

Exceptional image quality.

SmartMAR is based on the latest in GE Healthcare smart technology, which uses a novel three-step, sinogram-based iterative algorithm.

Streamlined workflow.

SmartMAR requires only one scan, making the process of obtaining a corrected image fast and efficient.

Dose conscious.

SmartMAR requires only one acquisition.

Patient comfort.

The efficient, single-scan process helps to reduce patient time inside the scanner.

Versatility.

SmartMAR is designed to enhance clarity across a range of images including scans of hip implants, dental fillings, screws and other metal objects.

Line	Qty.	Catalog	
8	1.00	B7880CR	CT Angiography Package

The CT Angiography Package provides productivity improvement with decreased time to first clinically relevant Image and analysis.

This package includes AVA Xpress and AutoBone Xpress.

AVA Xpress is an automated post processing software for the CT Operator's Console. It is an additional tool for the analysis of 3D angiography data providing many display, measurement and batch filming/archive features to study user-selected vessels which include stenosis analysis; pre/post stent planning procedures and directional vessel tortuosity visualization.

Clinical Benefits

- Decreased operator dependence: Eliminates the need for the operator to manually identify the center of the vessel.
- Automated batch filming and the ability to rotate around a vessel reduces the risk of overlooking vascular structures.
- Quick AVA - Two click vessel analysis measurement tools provides quantitative information on user-selected vessel measurements, aids in the proper selection of prosthesis distances to bifurcations or other landmarks.

- A single report provides a complete 3D contest including measurement cross references and 3D views. Consistency in the format and style of the reports also help referring physicians.

Productivity Benefits

- Automatic centerline detection provides a quick 3D value understanding of a selected vessel. The anatomy becomes visible once two points identifying the section of interest have been defined.
- Background auto-filming replaces manual filming.

AutoBone Xpress is a software package that provides automatic segmentation of bony structures and calcified plaques optimized for the latest CTA acquisition techniques.

AutoBone Xpress Clinical Benefits:

- Click segmentation of bony structures to facilitate vascular structure visualization for any anatomy including head and neck CTA.
- One click automatic segmentation of calcifications for abdominal CTA and run-off exams. Side-by-side display of vessels in 3D MIP with and without calcifications provides a direct access to calcified plaques effect on vessel lumen.
- Operator Productivity Benefits:
 - Decreased time to first clinically relevant image segmenting automatically bony structures and providing a quick 3D MIP overview of vascular structures.
 - Synchronized viewports enabling fast confirmation of results on reformatted and native images.
 - AutoSelect segmentation tools may be used to refine segmentation by quickly adding or removing structures.
 - The resulting volume rendered image can be manipulated to view vessels only. Transparent bones can be restored for landmarks. Calcifications can also be visualized in transparency to show lumen.
 - Optimized layouts for each anatomy for fast and relevant visualization.

System Requirements: VolumeViewer on the Console

Line	Qty.	Catalog	
9	1.00	B78552CA	CT Operator Console Desk

The Freedom workspace is an ergonomic working environment specifically designed for use with the GE Healthcare imaging systems. The sleek table design enables the efficient use of space while enhancing clinical workflow and technologist comfort.

The Freedom workspace provides a minimalist footprint to improve patient visibility and giving the user easier access to patients in the imaging suite.

It offers sit/stand and horizontal/vertical monitor flexibility. It can also help reduce noise and heat with remote location options of the console. The non-adjustable Freedom workspace version is 1300mm long x 895mm wide x 850mm height and weighs 55.8kg.

Line	Qty.	Catalog	
10	1.00	B7660B	Chair

Chair for CT scanner

Line	Qty.	Catalog	
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11 1.00 B75342CA Coronal Head Holder

Coronal Head Holder.

Line	Qty.	Catalog	
12	1.00	B71382CA	USB BARCODE READER HW

CT Bar Code Reader - (USB)

Line	Qty.	Catalog	
13	1.00	B7877HB	Bright Box trackball control

The Bright Box trackball is a separate piece of hardware that is used to review images without having to use the system mouse or keyboard. Use the Bright Box trackball to review images while someone else uses the mouse and keyboard to set up or continue the scan series.

Line	Qty.	Catalog	
14	1.00	B77292CA	CT Service Cabinet

Service cabinet for system accessories storage

Line	Qty.	Catalog	
15	1.00	E4502KY	10 KVA Partial UPS for CT LightSpeed and LightSpeed PRO

The 10 KVA Partial UPS has been specifically designed to coordinate with GE Healthcare CT and PET/CT scanners. In the event of a power outage, a partial system UPS provides continuous backup power to the scanner host and control computers, thus assuring no loss of usable scan data.

- Critical circuits in the gantry and table remain powered which facilitate the safe of the patient from the scanner.
- If power is restored within the battery hold-up time, the operator can continue scanner operations without the need to reboot the system.
- When longer power outages are anticipated, the UPS provides time for the operator to to complete an orderly shutdown of the system software.
- Maintains system electronics and allows critical scanner operations to continue for 10 minutes (typical) after loss of power
- Protects electronics from under voltage, brownouts, line sags, over voltage and transients

SPECIFICATIONS

- Dimensions (H x W x D): 32.7" x 12" x 32"
- Weight: 350 lbs.
- Output Frequency: 50 or 60 Hz, auto-sensing

NOTES:

- ITEM IS NON-RETURNABLE AND NON-REFUNDABLE
- REMOVAL/DISPOSAL OF OLD UPS IS THE CUSTOMER'S RESPONSIBILITY
- INSTALLATION AND RIGGING IS NOT INCLUDED
- CONTACT GE SERVICE FOR START-UP ASSISTANCE

Line	Qty.	Catalog	
16	1.00	E4502BC	CT Main Disconnect and UPS Control 380-480V 50 60Hz 110A

Main Disconnect Panel (MDP) UL 110A 400/480V 50/60Hz 3 phases for CT, PET and PETCT

The (Main Disconnect and UPS Control Panel serves as the main facility power disconnect source installed ahead of the CT system PDU. On systems where the optional partial system UPS is included in the system, the panel provides NEC mandated UPS emergency power-off control function via a UPS control cable included with the UPS. The optimized design PDB saves time, installation labor, and valuable mounting space by consolidating the main circuit breaker, control power source and required warning lights into a compact factory manufactured panel. The panel provides short circuit protection, overload protection and National Electrical Code and Canadian Electrical Code required emergency shutdown for the system. The 24-volt low voltage controls all power, using either the panel cover mounted EMERGENCY OFF push button or the remote EMERGENCY OFF push button included with each system. The PDB is painted to match the imaging system for a total coordinated system appearance. Available in a combination surface\semi-flush mounted enclosure. The system provides stock availability of otherwise special-order devices, saving time and installation costs.

Benefits

- The System Main Disconnect saves time, installation labor, and valuable mounting space by consolidating the main circuit breaker, the feeder overcurrent devices, magnetic contactors and UPS emergency power-off into one compact panel
- The system provides stock availability of otherwise special-order devices, saving time and installation costs
- Reduces installation time and cost by eliminating delays in obtaining individually enclosed components and by eliminating on site assembly
- UPS emergency power-off functions are included for future, partial system UPS addition.
- Disconnects system power on first loss of incoming power, preventing damage to system components
- Provides a standardized platform for UPS or other future GE engineered modifications or upgrades
- Main power disconnect operating handle can be padlocked in the OFF position for servicing safety and OSHA lock out/tag out
- The door has provisions for padlocking
- Enclosure door is interlocked with ON / OFF disconnect handle to prevent unauthorized access if disconnect is in the ON position

Features

- Optional partial system UPS provides clean uninterrupted power to the system computer, maintaining system integrity during power loss while also providing a solution to power quality problems
- UL, cUL listed, and CE labeled
- Supplied with low voltage, cover mounted Push to Stop, Twist to Restore pushbutton and long-life LED pilot lights
- Provides overcurrent and short circuit protection with GE GuardEON solid-state circuit breakers

- Suitable for use on systems with 25,000A of short circuit current. It is the installer's responsibility to verify that the available short circuit current is 25,000A or less for compliance to all electrical codes
- Emergency-off disconnects power to both the PDU and optional partial system UPS output, per National Electric Code
- Factory wired and tested
- All devices are selected for high reliability and long life
- Panel disconnect provides OSHA lockout / tag out provisions

Remote EPO

- This MDP comes with two normally closed contact blocks attached to the back of the emergency off push button.

Seismic Specifications

- This Panel has been certified by an independent California structural engineer in conformance with the shake testing requirements of ICC-AC 156. The California OSHPD number is OSP-0457-10.
- The seismic performance characteristics are as follows: $SDS(g) \leq 2.56$; $z/h \leq 1.0$; $I_p \leq 1.5$

Physical Characteristics

- Dimensions: Height x Width x Depth: 24 x 16 x 7 inches (610 x 407 x 178 mm)
- Handle depth: 2.75 inches (70 mm)
- Weight: 46 pounds (21 kg)

Components supplied with each panel

- The Main Disconnect and UPS Control Panel
- An Installation, Operations & Service Manual
- (2) sets of Emergency Power Off pushbuttons with 2NC on each EPO
- Drawings and Electrical Schematics

Line	Qty.	Catalog	
17	1.00	E8016AZ	CT Table Slicker with Cushion - 1700 Systems (2-pc Set)

FEATURES/BENEFITS

- Two-piece, sealed slicker cushion set has comfort pads enclosed inside the slicker cover and extender cover
- Durable, clear PVC plastic cover facilitates faster, more thorough cleanup of blood and fluids
- Increase system uptime by protecting table from spills and particulate contaminants
- Thermo-sealed seams and flaps prevent contaminate buildup in hard to clean areas

COMPATIBILITY

- VCT with GT 1700 Table, CT HD750

Line	Qty.	Catalog	
18	1.00	E8016BA	CT Footswitch Slicker - 2000 & 1700 Systems

The footswitch slicker for CT VCT 2000 and 1700 systems is made of durable, clear PVC plastic that protects the footswitch and facilitates faster, more thorough cleanup of contamination caused by blood and other body fluids. Cover is held securely in place



December 28, 2018
 Quote Number: **2001820892.6**
 Customer ID: **1-24BE6T**
 Agreement Expiration Date: **3/28/2019**

with Velcro.

Line	Qty.	Catalog	
19	1.00	W0143CT	TIP CT Imaging Academy Training: Revolution EVO Core Training Package

Training designed for Revolution EVO customers that includes a blended approach for continuous learning and skill building. Training package includes partnership and planning discussions as well as CE accredited go-live, follow-up, and advanced training over the course of 10 onsite days and 10 TVA hours; additional CE accredited online and remote training is also included.

Key components include Preparation, Pre-Onsite, Onsite, and Ongoing Training.

- The Preparation component aligns the training plan with customer specific needs and expectations. It includes discussion of a program overview and customized training options as well as staffing and scheduling and identification of IT needs and support.
- The Pre-Onsite component includes online self-paced prerequisite learning taken prior to and in preparation for onsite training. This will help build foundational knowledge to enable maximum engagement and retention during onsite training. Learners can immediately apply new concepts into clinical practice.
- The Onsite component provides agendas that include a structured Phase one agenda featuring training on the key functions and features of the scanner and including hands on practice and protocol building. Several customized agenda options are available post turnover based on clinical specializations and advanced scanning designed to cater to staff competencies and desired outcomes. This component is delivered onsite by an experienced Clinical Applications Specialist.
- The Ongoing component provides the opportunity for continued learning, anywhere and anytime, through virtual training sessions with GE experts, continued access to online training modules, reference guides and tutorials. Non-emergency assistance will also be available via the Answerline during the warranty period. These resources will help to maintain clinical performance, continue to improve upon knowledge and competencies and ongoing development of skills.

Program concludes one year after the initial start date. Instruction is provided from 8 AM to 5 PM, Monday through Friday and includes T&L expenses.

Line	Qty.	Catalog	
20	1.00	R23053AC	Standard Service License

GE Healthcare has reclassified its service tools, diagnostics and documentation into various classes (please refer to the Service Licensing Notification statement at the beginning of this Quotation). The Standard License provides access to service tools used to perform basic level service on the Equipment and is included at no charge for the warranty period.

Qty.	Credits and Adjustments	
1.00	HiSpeed CTe Trade-in	-2,000.00

Total Quote Net Selling Price: \$551,042.52

Optional Items

Please initial by net price in terms you wish to purchase

Catalog Number	Qty.	Description	Net Price	Initial
S7880AB	1.00	5-Beat Low Dose Cardiac Package	\$81,400.00	

The Low Dose 5-Beat Cardiac package allows the user to acquire cardiac imaging exams with retrospective or prospective gated acquisitions utilizing up to 0.35 second rotation speed for excellent cardiac exams. This package contains the following items necessary to acquire coronary CT angiography data. (Post process packages on the operator console or a post processing workstation are needed for 3D processing and analysis of the data acquired):

SnapShot Imaging

Retrospectively gated helical cardiac scanning technique used to acquire ECG gated CT images of the coronary arteries when prospective gating can't be used. SnapShot imaging option allows users to acquire cardiac images of patients using the following cardiac imaging techniques:

- Retrospectively EKG-gated helical scanning method - SnapShot: primarily used for cardiac morphology imaging, with this technique, cardiac images of single or multiple cardiac phases at any given Z-axis location can be acquired and generated.
- EKG-gated Multi-slice CINE Scan mode: used primarily for coronary artery calcification scoring (CACS) studies or for cardiac morphology imaging.

Once a specific imaging model is selected, helical pitch and/or gantry rotation speed will be automatically selected for optimal scan coverage and image quality.

SnapShot Pulse

Prospectively gated cardiac scanning technique that helps reduce patient dose by up to 83%, and improves cardiac workflow, with excellent image quality. The technique captures a complete picture of the heart using a series of three to four snapshots taken at precise patient table positions and precisely gated (relative to conventional cardiac CT acquisitions).

SnapShot Pulse helps improve workflow by reducing the size of image set to be reconstructed, reviewed and post processed. A typical SnapShot Pulse series consists of 280 to 400 images, compared with up to 3,000 images in a typical helical cardiac scan series. Since there's a smaller number of images to reconstruct, SnapShot Pulse takes less time, yet still delivers the same amount of information as a helical cardiac exam.

SnapShot Assist

(This feature is only enabled on CT products that support this feature)

Helps users Optimize ECG-gated CT acquisitions based on patient heart rate characteristics. SnapShot Assist uses the patient's recorded heart rate information to display scan parameters (including scan mode, cardiac phases, padding and pitch) that could be used during the cardiac CT scan. SnapShot Assist generates a cardiac scan parameter recommendation using the patient's ECG analysis and user defined protocol selection algorithm. It uses the patient's recorded heart rate information to predict the heart rate behavior during a CCTA scan to assist the user with optimization of the parameters on a per-patient basis. Acquisition parameters displayed include scan mode (Cine SnapShot Pulse, Helical SnapShot Segment, etc.), cardiac phases, padding, and pitch. User Profiles define scan parameters within the heart rate and variability categories for a specific patient group and cardiac scan mode.

Xtream 12" Gantry Display and Operator Console ECG Trace
 (This feature is only enabled on CT products that support this feature)

The ECG trace provided by the ECG monitor will be displayed on the CT gantry and operator's console with this option. Allowing the user to display the live trace of the patient's heart rate and display the actual location of the window of time when the image are being acquired. It will provide easy access to patient cardiac output status and assist in providing visual feedback for optimum acquisition start.

ECG Editor

The ECG Editor allows the user to retrospectively modify trigger points identifying R-peaks on ECG trace as displayed on the console. The capability may improve successful cardiac acquisition rate by enabling users to perform the modification in the cases with irregular heartbeat or suboptimal triggers.

Cardiac Enhance

Cardiac Enhance Filters provides users the capability to reconstruct filtered images using three steps of noise (pixel noise standard deviation) reduction for helical and axial cardiac imaging, which may allow a reduction of mA while maintaining an acceptable level of image performance.

ECG Dose Modulation

ECG gated dose modulation reduces patient dose by modulating x-ray technique during acquisition based on heart phase.

The ECG monitor comes with this cardiac package. It will be used to monitor patient cardiac output and synchronize acquisition with that output.

Catalog Number	Qty.	Description	Net Price	Initial
B7864AC	1.00	VolumeShuttle for CT systems	\$26,400.00	✓

VolumeShuttle innovatively provides the 80-mm of coverage necessary for accurate dynamic neuro angiographic and perfusion studies with a single contrast injection. GE's exclusive real-time scan control, system architecture, and fast, smooth table acceleration and deceleration enable the patient to be effortlessly shuttled back and forth between two adjacent axial locations, with minimal inter-scan delay.

The GE CT Scanner system uniquely designed to make it all possible - as a result of these key scanner attributes:

- The 40-mm high resolution V-Res detector with micro voxel technology.
- Real-time system controls to precisely control table movement and X-ray control.

VolumeShuttle provides the wider coverage margin needed to allow for patient variability in the Circle of Willis (80mm) and from the basal ganglia to lateral ventricles (60mm) - all with the existing 40-mm-wide detector and without the multiple contrast injections necessary with today's standard CT systems.

Catalog Number	Qty.	Description	Net Price	Initial
B7716WR	1.00	Xtream Injector Interface kit - Class IV	\$8,800.00	✓

Class IV Software and cabling kit - required for use with Class IV Integrated Injectors

Catalog Number	Qty.	Description	Net Price	Initial
E8007PJ	1.00	OCS III Mounting Plate	\$286.00	✓

Catalog Number	Qty.	Description	Net Price	Initial
E80141HB	1.00	MEDRAD Stellant D DualFlow ISI-ready on ceiling mount (85cm post length) with Certegra Workstation and ISI900G CT communication kit	\$29,761.60	✓

GE Healthcare now offers the Medrad Stellant D injector with Certegra workstation. The dual syringe CT injection system is reliable and easy to use. It features saline flush and DualFlow capabilities allowing users to test vein accesses with saline, and prime patient tubing with saline to save contrast.

Medrad Stellant D CT Injection System users are armed with:

- Automation features to help maximize throughput: integrated auto load, auto retract, auto prime and auto syringe sensing
- Save up to 250 protocols
- Quick, easy install and detachment
- Check for air confirmation button and arming on the injector head
- Pressure monitor graph and flow profile preview
- Up to 6 phases including pause and hold capabilities
- Programmable pressure limit
- Colour touch screen
- Either ceiling counterpoise or pedestal-mount configurations

Certegra Workstation

From study set-up and preparation to study administration and results management, the Certegra Workstation serves as a workflow-centralized technologist interface to help users enhance efficiencies and patient care, enabling options such as P3T 2.0 (Personalized Patient Protocol) software environment.

The benefits of DualFlow (simultaneous injection of contrast and saline)

- Provide more uniform attenuation of the right and left ventricles
- Minimize artefacts by achieving proper attenuation levels
- Visualize the right coronary arteries and right ventricles in a single study by achieving more uniform attenuation

MEDRAD Stellant D Certegra injector with Integrated CT Communication

Designed to save time and increase CT scan throughput, the MEDRAD Stellant D with Certegra Workstation is validated for use with GE's Enhanced Xstream Injector option on selected scanners - enabling CAN Class 4 functionality for seamless communication.

The resulting injector and CT scanner integration benefits include:

- Reduced overall programming time
- Improved scanner and injector protocol matching through programming of the injector from the scanner console
- Better control over contrast injection procedure with a synchronized CT scan start time. A single button-press on the scanner starts both the injector and scanner
- Preview injection parameters before beginning the scan
- Complete post-study reviews of injection results at the scanner console
- Automatic documentation of the injection results in PACS System

Ceiling-mount configuration includes:

- Dual injector head on Overhead Ceiling Counterpoise
- Syringe heat maintainer
- Certegra Workstation with USB drive
- DualFlow software
- ISI-ready software
- ISI900G CT communication kit
- Base control unit
- 22.8 m (75 ft) head extension cable
- 7.6m (25 ft) base to display cable
- Power cord, North America
- Power cord, international
- Product information package
- Operations manual
- Installation, customer's operational training at time of installation, and one year full on-site warranty in Bayer service countries

System Specifications

- Flow Rate (range & increments): 0.1 to 10 ml/sec in 0.1 ml increments
- Volume (range & increments): 1 ml to syringe capacity in 1 ml

increments

- Programmable Pressure Limit 200 ml syringe: 325 psi, 2241 kPa
- Scan delay: 0-300 seconds (5 minutes) in 1 second increments
- Pause: 1-900 seconds (15 minutes) in 1 second increments
- Hold: maximum HOLD time is 20 minutes
- Syringes (volume capacity): 200 ml sterile disposable syringe
- Number of phases: 6
- Number of protocols: 250
- Electrical Requirements (VAC/Hz): 100-240 VAC, 50/60 Hz
- Syringe Heat Maintainer Range: 35 °C +/-5, 95 °F +/-9
- Dual Injector Head: 15.5 cm (6.1") H x 30.7 cm (12.1") W x 36.8 cm (14.5") D, 8.1 kg (17.0 lb) without syringe
- Certegra Workstation (CWS): 34.2 cm (13.5") H x 40.0 cm (15.8") W x 30.0 cm (10.2") D, 8.0 kg (17.6 lb)
- Base Unit: 29.2 cm (11.5") H x 27.9 cm (11.0") W x 22.2 cm (8.8") D

Trade-in Addendum to GE Healthcare Quotation

This Trade-In Addendum ("Addendum"), effective on **December 28, 2018**, between General Electric Company, through its division, GE Healthcare ("GE Healthcare"), and **Outer Banks Hospital Inc** ("Customer"), is made a part of Quotation # **2001820892.6** ^ ("Quotation") and modifies it as follows:

- A. Customer: (i) certifies that it has full legal title to the equipment and/or mobile vehicle listed in Section E ("Trade-In Equipment"), free and clear of all liens and encumbrances; and (ii) conveys title and, if applicable, registration and license documents to GE Healthcare effective on the date of removal or receipt of the Trade-In Equipment. If GE Healthcare removes the Trade-In Equipment, it will do so at its expense at a mutually agreed time.
- B. Customer is responsible for: (i) providing timely, unrestricted access to the Trade-In Equipment in a manner that affords GE Healthcare the ability to complete Equipment inspection and testing prior to de-installation within the timeframe required by GE Healthcare, failure of which to provide may result in termination of this Trade-in Addendum and related credits and/or payments; (ii) ensuring that the Trade-In Equipment and the site where it is located are clean and free of bodily fluids; (iii) informing GE Healthcare of site-related safety risks; (iv) properly managing, transporting and disposing of hazardous materials located on site in accordance with applicable legal requirements; (v) rigging, construction, demolition or facility reconditioning expenses, unless stated otherwise in the Quotation; and (vi) risk of loss and damage to the Trade-In Equipment until safety risks are remediated and the Trade-In Equipment is removed or returned.
- C. Prior to removal or return to GE Healthcare, Customer must: (i) remove all Protected Health Information as such term is defined in 45 C.F.R. § 160.103 ("PHI") from the Trade-In Equipment; and (ii) indemnify GE Healthcare for any loss resulting from PHI not removed. GE Healthcare has no obligation in connection with PHI not properly removed.
- D. GE Healthcare may reduce the trade-in amount or decline to purchase the Trade-In Equipment if: (i) the terms of this Addendum are not met; or (ii) it is missing components or is inoperable when removed or returned. All other terms and conditions of the Quotation remain in full force and effect.

E. Trade-In Equipment:

<u>Equipment/Vehicle Mfr</u>	<u>Model & Description</u>	<u>Quantity</u>	<u>* ID / Serial #</u>	<u>Trade-In Amount</u>
GENERAL ELECTRIC	HiSpeed CTe Trade-in	1.00	OBXCCTRCT	\$ -2,000.00

This Addendum is executed when: (i) signed by the parties below; (ii) Customer receives this Addendum and signs the Quotation that references the Trade-In Equipment; or (iii) Customer receives this Addendum and issues a purchase order identifying the terms of the Quotation (which includes a reference to the Trade-In Equipment) as governing the order (PO# _____)[†].

Outer Banks Hospital Inc

Signature: _____

Print Name: _____

Title: _____

Date: _____

General Electric Company, through its division, GE Healthcare

Signature: _____

Print Name: _____

Title: _____

Date: _____

^ A Quotation number must be provided on this document.

* In the event the Trade-In Equipment does not have a System ID, please record the serial number of each component that comprises the Trade-In Equipment.

† If you are relying upon the purchase order to reflect acceptance of the terms contained herein, please update this document with the applicable PO number upon receipt of the PO. Failure to do so may result in delays surrounding deinstallation of the System(s).



December 28, 2018
Quote Number: **2001820892.6**
Customer ID: **1-24BE6T**
Quote Expiration Date:

GPO Agreement Reference Information

Customer:	Outer Banks Hospital Inc
Contract Number:	Novation Vizient Supply LLC
Billing Terms:	80% delivery or Shipment / 20% Acceptance or Installation
Payment Terms:	NET 30
Shipping Terms	FOB DESTINATION

Offer subject to the Terms and Conditions of the applicable Group Purchasing Agreements currently in effect between GE Healthcare and Novation Vizient Supply LLC

Please consult the following to access the applicable Agreements and Contract Summaries for the following Group Purchasing Organizations:

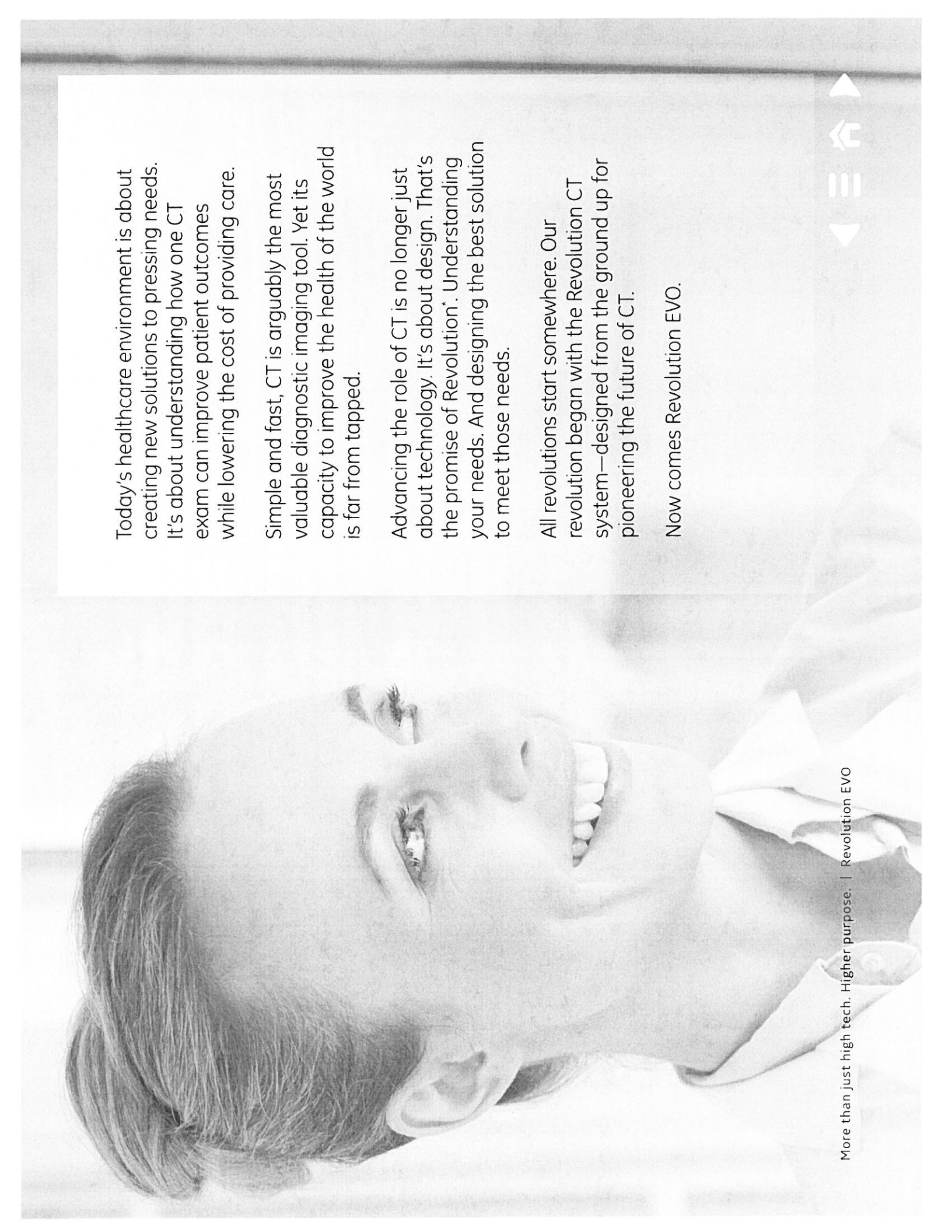
Novation: Please login to the Novation Marketplace Website. If you require assistance or are experiencing issues, please contact one of the following for support: Novation Customer Service (888) 7-NOVATE or NOVCustomerService@novationco.com. Website Technical Support at (800)327-8116 or NovationTechSupport@novationco.com.

GE Healthcare

Revolution EVO

More than just high tech.
Higher purpose.





Today's healthcare environment is about creating new solutions to pressing needs. It's about understanding how one CT exam can improve patient outcomes while lowering the cost of providing care.

Simple and fast, CT is arguably the most valuable diagnostic imaging tool. Yet its capacity to improve the health of the world is far from tapped.

Advancing the role of CT is no longer just about technology. It's about design. That's the promise of Revolution*. Understanding your needs. And designing the best solution to meet those needs.

All revolutions start somewhere. Our revolution began with the Revolution CT system—designed from the ground up for pioneering the future of CT.

Now comes Revolution EVO.

More than just high tech. Higher purpose. | Revolution EVO



Benefits

Core Technologies

Solutions & Services

Revolution EVO. Designed with purpose.

Revolution EVO is designed with the purpose of operating in the reality of now, while anticipating the challenges of tomorrow.

It's designed to support the widest variety of patients and applications, from complex trauma or cardiac cases, to large patient backlogs in busy emergency departments that strain workflows and resources.

The design of Revolution EVO is made for institutions that are unable to sacrifice advanced capabilities such as high resolution for daily productivity. It is well suited for those who need to provide the lowest dose possible. And it provides options to expand your referral physician base and the services you provide to your community.

Revolution EVO is designed for you.

More than just high tech. Higher purpose. | Revolution EVO



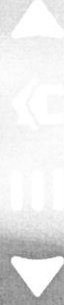
Benefits



“I need high resolution.”

Experience and intuition alone aren't enough to help you make the difficult decisions you face daily. In your world seeing is a big part of solving. For the greatest diagnostic confidence, you need a CT that provides even greater degrees of resolution, clarity and definition.

Revolution EVO is designed to provide the high-resolution, low-dose images and answers that increase your confidence—even when performing advanced procedures. It helps you stay on top of today's standard of care.



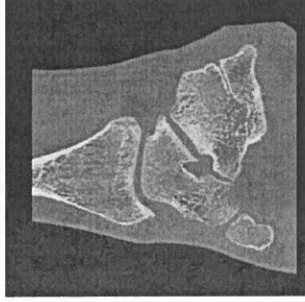
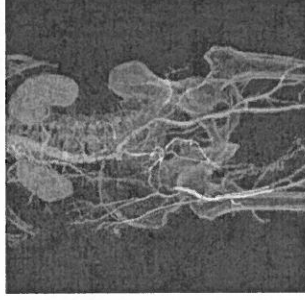
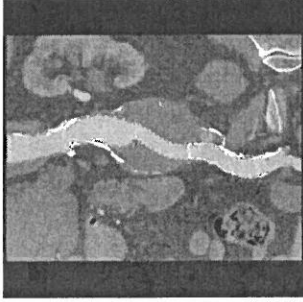
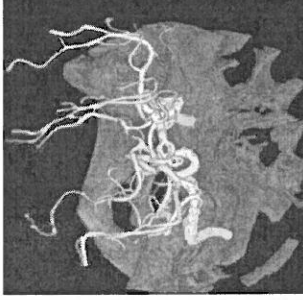
2X

Increase in spatial resolution

Clarity Imaging System ASiR-V[®] advanced reconstruction

Helping you make a confident diagnosis is our mission, and image clarity is a big part of that. Doubling the spatial resolution gives you the image clarity you need to see fine anatomical details, providing a pathway to a quick, confident diagnosis. Revolution EVO also improves your ability to visualize with up to 135% improvement in low-contrast detectability.¹ Delivering vastly improved image quality across the entire body enables you to broaden your clinical applications and potentially improve treatment paths for diverse patient needs.

Revolution EVO delivers twice the spatial resolution thanks to its redesigned Clarity Imaging System. It features the Performix[®] 40 Plus tube with ultra-stable dual focal spots, the GE-proprietary HiLight detector, and the low-noise Clarity data acquisition system inherited from our Revolution CT.



¹Low contrast detectability (LCD), image noise, spatial resolution and artifact were assessed using reference factory protocols comparing ASiR-V and FBP. The LCD measured in 0.625 mm slices and tested for both head and body models using the MIRA CT IQ Phantom (CCT183, The Phantom Laboratory), using model observer method.



“I need to make low dose routine.”

Diagnostic images at the right dose add up to great care. That's why it's essential for you to limit your patients' radiation exposure to just what's necessary. To do that, you need a CT that makes it easier for you to lower radiation dose without making it harder to make the right diagnosis.

Revolution EVO delivers several dose-lowering capabilities. Our innovative ASiR-V* iterative reconstruction method comes standard, and is designed to reduce noise levels, improve low-contrast detectability and reduce dose by up to 82% in routine imaging for all exams and all patients.¹

Along with ASiR-V, a comprehensive collection of Smart Dose technologies helps you monitor, measure and manage your dose delivery and select the optimum parameters for low dose and diagnostic images.

¹Image quality as defined by low contrast detectability. In clinical practice, the use of ASiR-V may reduce CT patient dose depending on the clinical task, patient size, anatomical location, and clinical practice. A consultation with a radiologist and a physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task. Low Contrast Detectability (LCD), Image Noise, Spatial Resolution and Artifact were assessed using reference factory protocols comparing ASiR-V and FBP. The LCD measured in 0.625 mm slices and tested for both head and body modes using the MITA CT IQ Phantom (CCT1183, The Phantom Laboratory), using model observer method.

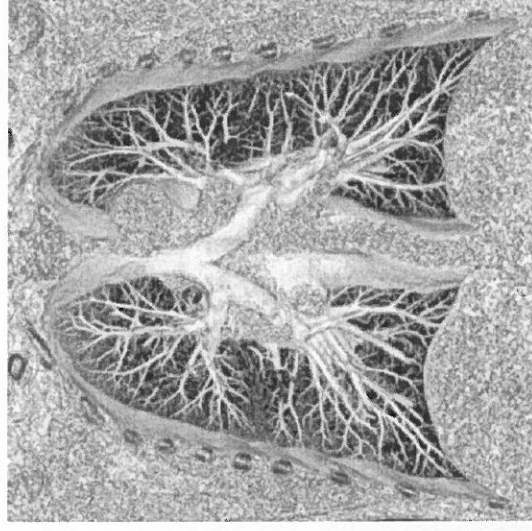
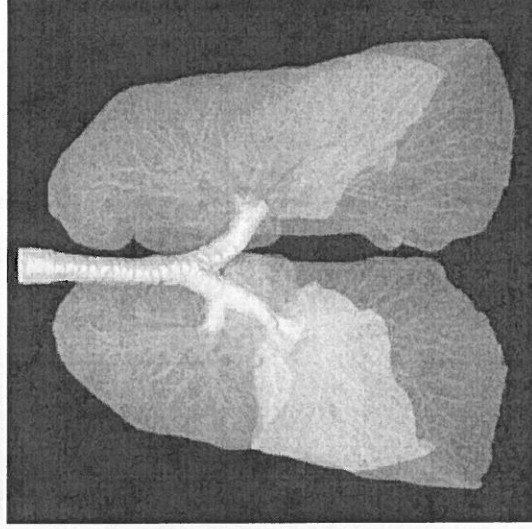
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82%

Up to 82% reduced dose.

In routine imaging, ASiR-V has been shown to reduce dose by up to 82% compared to standard FBP reconstruction at the same image quality.¹



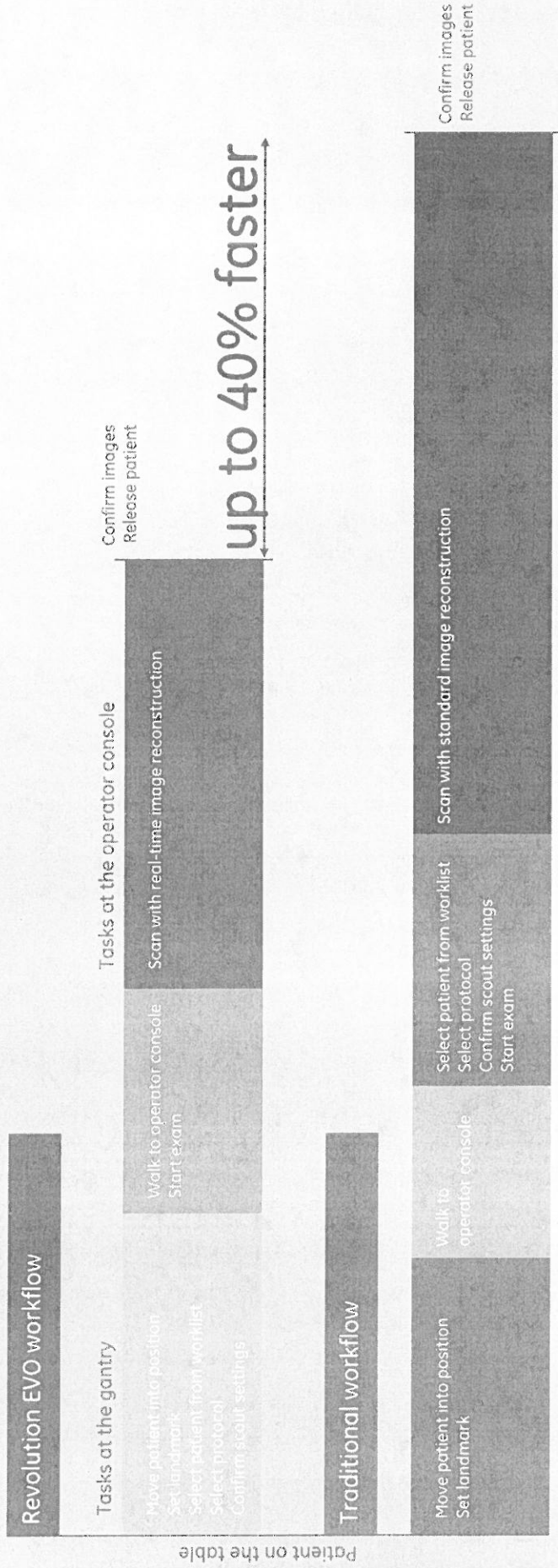
Ultra-low dose chest exam, 0.08 mSv, reconstructed using ASiR-V. This exam was acquired at 80 kV and 6 mAs and CTDIvol of 0.17 mGy. Effective dose as estimated using an adult chest factor of 0.014* DLP.

Image quality as defined by low contrast detectability. In clinical practice, the use of ASiR-V may reduce CT patient dose depending on the clinical task, patient size, anatomical location, and clinical practice. A consultation with a radiologist and a physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task. Low Contrast Detectability (LCD), Image Noise, Spatial Resolution and AirCraft were assessed using reference factory protocols comparing ASiR-V and FBP. The LCD measured in 0.625 mm slices and body modes using the MITA CT IQ Phantom (CCT183, The Phantom Laboratory), using model observer method.



Up to 40%

Improved productivity¹



Actual results may vary depending on the circumstances, including but not limited to, exam type, clinical practice, and image reconstruction technique. This information was based on a simulation using the GE Healthcare Optima™ CT660 device and is presented for illustrative purposes only.

More than just high tech. Higher purpose. i Revolution EVO Benefits



“I need to help more patients.”

Leading a radiology department isn't easy, especially these days. You want to help your patients, the community and your institution. As new clinical and financial models evolve in healthcare, you need a CT that can help you attract new referring physicians, and grow the services you offer and the patients you serve.

Revolution EVO is designed to help you compete in your market by helping to manage the health of your patient population today with precision, efficiency and the right dose. ASiR-V low-dose capabilities make it ideal for pediatric scans, oncology and chronic disease follow-up. At the same time, Revolution EVO gives you the flexibility to expand your services to the fastest growing procedures like advanced coronary CCTA and TAVI planning.



Advanced Applications powered by AW

Improve your capabilities across care areas.

Emergency & Vascular

Scan trauma patients quickly and catch arterial phase enhancement easily without sacrificing image quality, with up to 175 mm/sec acquisitions enabled by high-pitch helical IQE and 0.35-second rotation speed.

Fast exam processing is enabled by zero-click bone segmentation, one-click stenosis measurement and semi-automated thrombus segmentation.

Perform stroke assessment scans with 140-mm perfusion shuttle technology and assess patient status quickly with Perfusion 4D.

Oncology and Chronic Disease

Revolution EVO with ASiR-V enables ultra-low-dose imaging so that you can confidently provide a high level of care to those patients who require multiple scans or frequent follow-up.

OncoQuant[®] automates oncology workflow from your PACS with robust imaging tools for easy comparisons over time and efficient follow-up exams.

Lung VCAR segmentation and reporting provide a more productive reading workflow with automatic processing for fast second reviews and easy follow-up comparisons.

Colon VCAR makes reading CT colonography easier by detecting colonic lesions with electronic cleansing and correlated 2D, 3D and 360-degree dissection views.

Improved patient experience

Fast scanning for patients large and small.

With the increased weight limit of the Revolution EVO patient table and the improved low-contrast detectability and noise performance of ASiR-V, you can image patients weighing up to 675 lbs. and obtain diagnostic image quality with reduced noise and improved contrast resolution.

Pediatric patients present a different set of challenges. For these patients, speed and low dose are critical. Fast, up to 175-mm/sec acquisitions enable a reduction in breathing artifacts, and ASiR-V ultra-low-dose capabilities allow you to image these patients confidently.

Smart Cardiac technologies

Set up complex cardiac procedures quickly, reliably, and repeatedly.

With Revolution EVO, a single acquisition with just one injection is all that's needed to obtain high-quality images of the entire aorta and coronaries for TAVI/TAVR planning and follow-up. Freeze coronary motion in higher-heart-rate patients with an effective temporal resolution of 0.29 msec delivered by SnapShot[®]* Freeze. Easily complete complex cardiac exams in as few as five beats with SnapShot Assist, and reduce dose by up to 83% in coronary imaging with SnapShot Pulse prospective gating.



"I need to accomplish more in my day."

The only thing you can predict for sure about your workday is how unpredictable it will be. Unanticipated complex exams, large numbers of emergency department exams, add-on patients and patients who arrive late all put pressure on you to get more done in your day.

You need a CT that provides the best images and helps you and your staff get through the chaos calmly and efficiently. Revolution EVO is designed to help you manage unpredictable patient loads and unexpected exam demands—quickly and compassionately.

Revolution EVO features the latest in Smart Flow technologies designed to help you improve productivity by streamlining user workflow and access to information. With more intelligence and automation from patient preparation through post processing, you can perform more studies in less time and manage your patient flow up to 40% more efficiently.¹

¹Actual results may vary depending on the circumstances, including but not limited to, exam type, clinical practice, and image reconstruction technique. This information was based on a simulation using the GE Healthcare Optima® CT660 device and is presented for illustrative purposes only.

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Benefits

Core Technologies

Solutions & Services

Core Technologies

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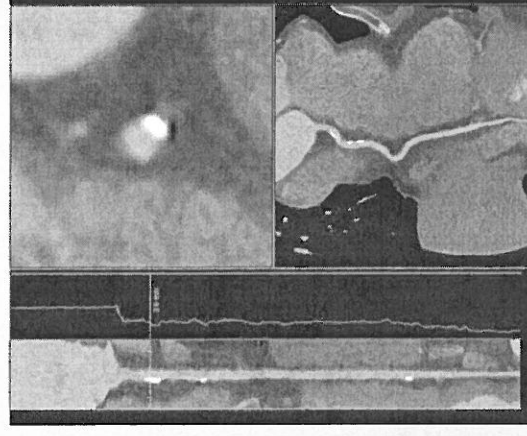
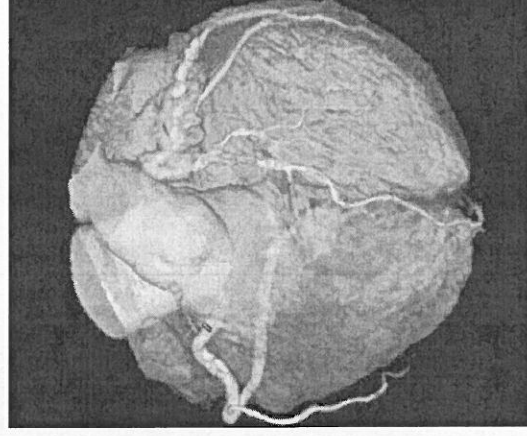
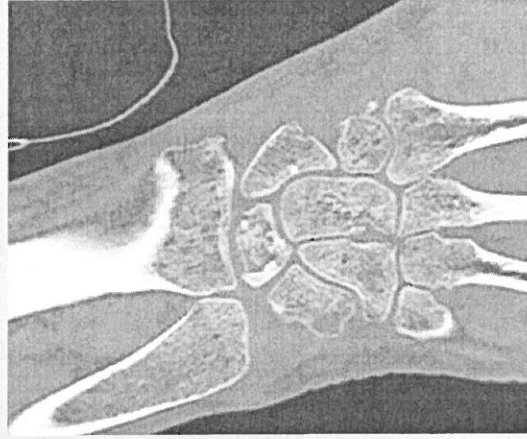
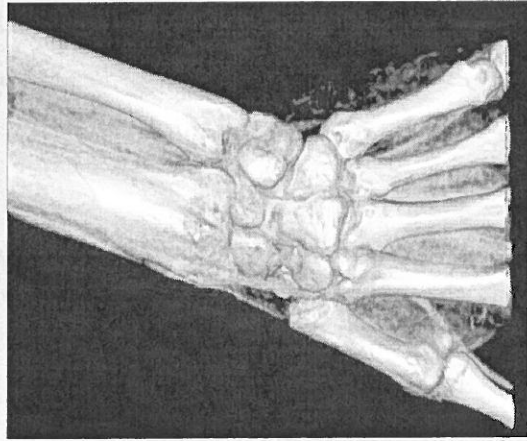


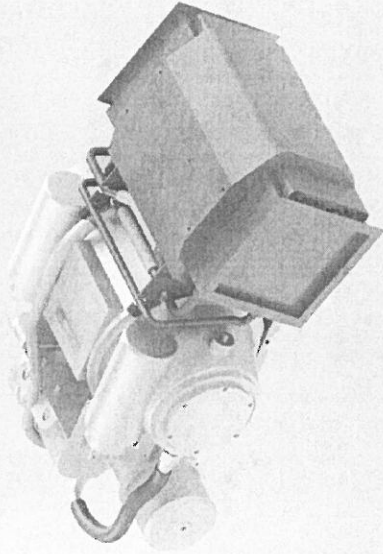
Clarity Imaging System

See clearly down to 0.28 millimeters.

For Revolution EVO we redesigned the entire imaging chain. It features the new Clarity detector inherited directly from the breakthrough technology introduced on Revolution CT.

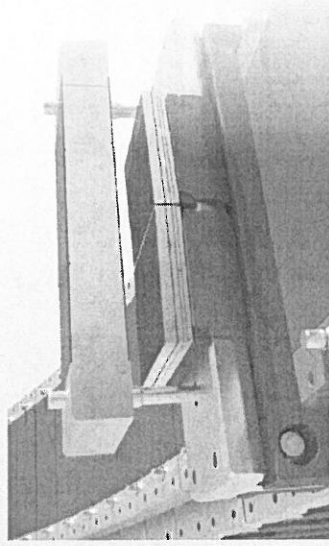
The result: a CT system with the best spatial resolution in its class—20% higher than previous GE systems—to clearly show you details as small as just 0.28 millimeters.





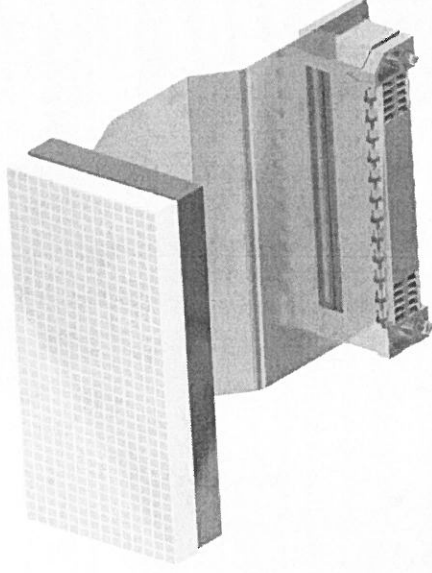
Performix* 40 Plus tube

At the beginning of the Clarity imaging chain, the Performix 40 Plus tube delivers exceptional performance. Its stable dual focal spot improves precision, and its 0.35-second routine rotation speed enables faster scan times. This may allow for shorter breath holds, may reduce the need for sedation, reduce motion artifacts from patient and organ movement, and enable faster workflow for all applications.



HiLight Clarity detector

Inherited directly from our breakthrough Revolution CT system, the Clarity detector is the heart of Revolution EVO. With its high-resolution imaging capabilities, you can see details as small as 0.28 mm. The Clarity detector delivers improved dose efficiency and signal-to-noise ratio as well, plus large coverage with z-axis uniformity.



Integrated Clarity data acquisition system

Thanks to its revolutionary, patented design, the data acquisition system is integrated directly onto the photo diode. This reduces the size of the data acquisition system by 75%, reduces noise by 44%, and lowers power consumption by 90% compared to previous-generation systems.

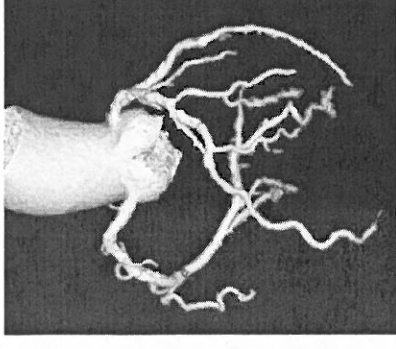
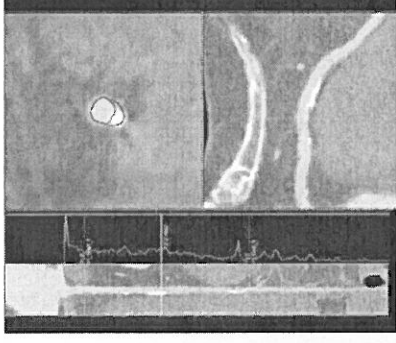


ASiR-V*

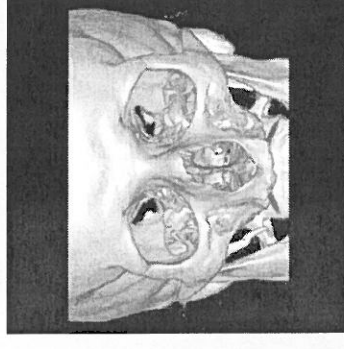
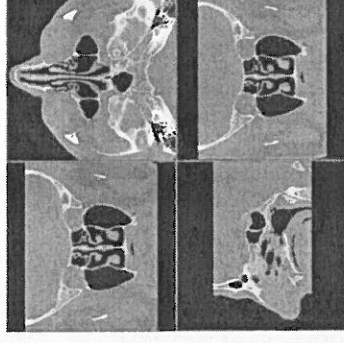
**Routinely image with up to 82% less dose.¹
Achieve twice the spatial resolution.**

Combining the speed of ASiR with added capabilities from Veo* full model-based iterative reconstruction, the novel ASiR-V reconstruction algorithm brings low dose and improved quality to routine imaging.

Leveraging our extensive statistical modeling system, ASiR-V focuses primarily on more advanced noise and object modeling than ASiR with added physics modeling to help reduce noise, improve low-contrast detectability, and reduce artifacts. By focusing on these iterative reconstruction components, ASiR-V can significantly improve image quality at reconstruction speeds similar to filtered back projection (FBP).



Cardiac case with calcifications and plaque ID. DLP: 31 mGy, 0.4 mSv. Effective dose as estimated using an adult chest factor of 0.014* DLP.



Sinus case combining low dose and high spatial resolution. DLP: 29.4 mGy, 0.06 mSv. Effective dose as estimated using an adult head factor of 0.0023* DLP.

*Image quality as defined by low contrast detectability. In clinical practice, the use of ASiR-V may reduce CT patient dose depending on the clinical task, patient size, anatomical location and clinical practice. A consultation with a radiologist and a physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task. Low Contrast Detectability (LCD), Image Noise, Spatial Resolution and Artifact were assessed using reference factory protocols comparing ASiR-V and FBP. The LCD measured in 0.525 mm slices and tested for both head and body modes using the MITA CT IQ Phantom (CCT133). The Phantom is laboratory, using model observer method.

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ASiR-V

Routinely image with up to 82% less dose.

Using ASiR-V, you can reduce dose up to 82% in routine imaging as compared to standard high-dose filtered back projection reconstruction at the same image quality.¹

Smart Dose Technologies

Automatic exposure control and more.

Intelligent technology designed to acquire high-quality images using lower doses of radiation, helping you provide more accurate diagnoses and lower exposures for patients. Lower patient dose while still acquiring the high-quality images needed for your accurate diagnoses using dose management tools such as CT 4Kids dose-optimized pediatric reference scan protocols, 3D dose modulation, organ dose modulation, Dose Check, DICOM DRSR, and more—all at your fingertips.

DoseWatch[®]s

Dose management solution.

Analyze, identify, and optimize patient dose with web-based dose monitoring software. Keep dose levels as low as reasonably achievable (ALARA) while producing sharp, focused diagnostic images. Track and monitor patients' cumulative radiation dose over time and take steps to prevent excessive radiation dose.

In clinical practice, the use of ASiR-V may reduce CT patient dose depending on the clinical task, patient size, anatomical location, and clinical practice. A consultation with a radiologist and a physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task.

Optional

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82%

Decrease dose up to 82% with ASiR-V

GE Blueprint Benchmark

Comprehensive radiation management.

Compare your current dose management performance to industry guidelines and best/better practices. Receive the insights, suggestions, and strategies you need to build an effective dose management program in your hospital or healthcare system.

Dose Check

Pre-scanning monitoring and alerts.

Receive notifications and alerts if your predetermined dose levels will be exceeded. You can correct and confirm the right settings before scanning to avoid unnecessary radiation dose to your patient.



100%

Up to 100% better spatial resolution.

ASiR-V has the capability to improve spatial resolution compared to FBP by allowing the reconstruction of higher-resolution images with no increase in image noise.¹



FBP

A inner ear case. The ASiR-V reconstruction clearly demonstrates better spatial resolution with similar image noise.



ASiR-V

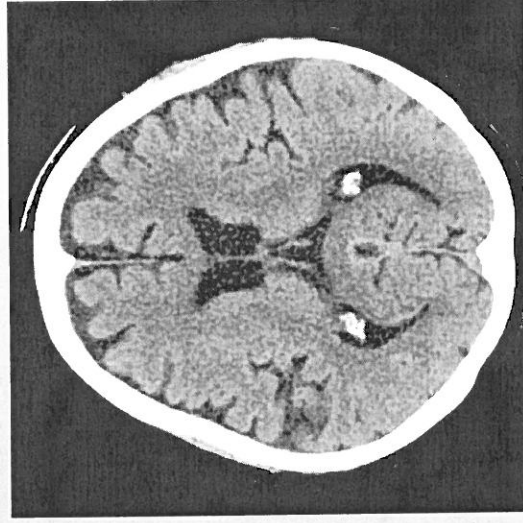
¹Low contrast detectability (LCD), image noise, spatial resolution and artifact were assessed using reference factory protocols comparing ASiR-V and FBP. The LCD measured in 0.625-mm slices, and tested for both head and body models using the MTA CT IQ Phantom (CCT183, The Phantom Laboratory), using model-observer method.



135%

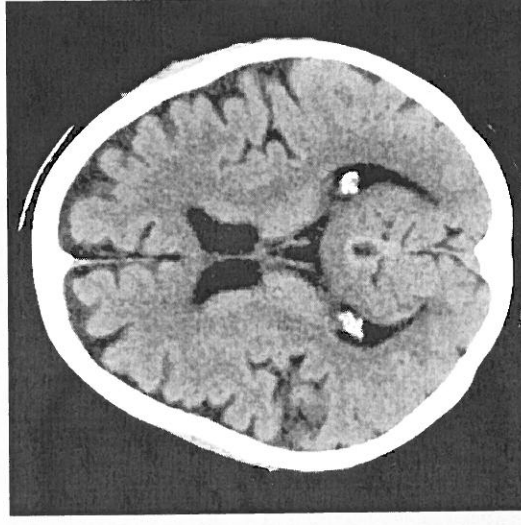
Up to 135% improved low-contrast detectability.

ASiR-V improves the detectability of low-contrast objects by up to 135% when compared to corresponding FBP reconstructions at the same dose.¹



FBP

ASiR-V reduces noise in a neurology case and enables better gray/white matter differentiation.



ASiR-V

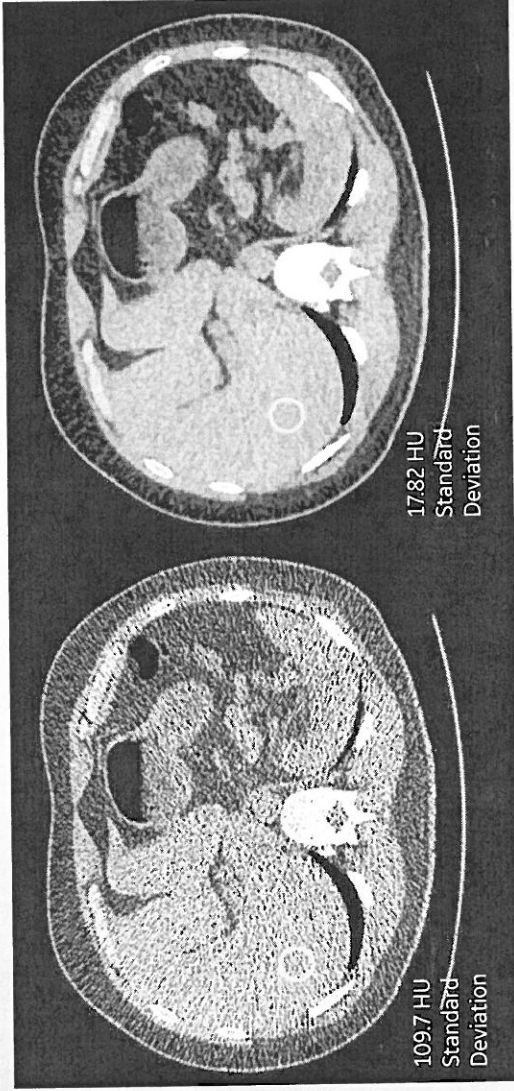
¹Low-contrast detectability (LCD), image noise, spatial resolution, and artifact were assessed using reference factory protocols comparing ASiR-V and FBP. The LCD measured in 0.625-mm slices and tested for both head and body models using the MJA CT IQ Phantom (CCT183, The Phantom Laboratory), using a model observer method.



91%

Up to 91% less image noise.

Depending upon the scan technique and reconstruction parameters, ASiR-V can significantly reduce electronic image noise compared to FBP at the same dose.¹



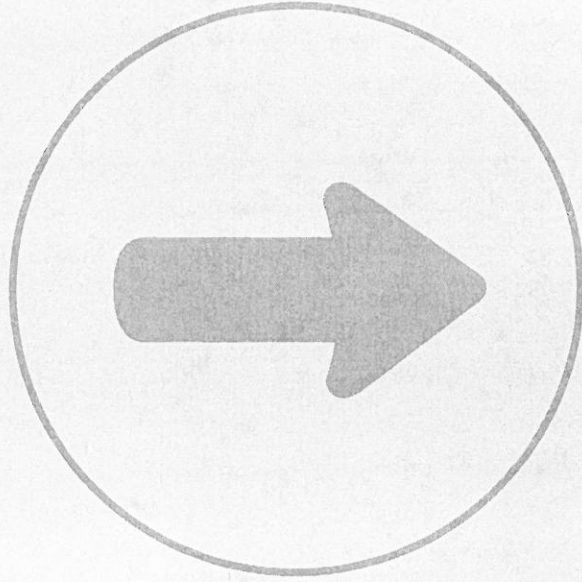
FBP

ASiR-V reduces streaks and noise in clinical images. The case shows a low-dose abdomen scan where ASiR-V significantly reduced low-signal streaks and image noise.

~84% noise reduction ASiR-V

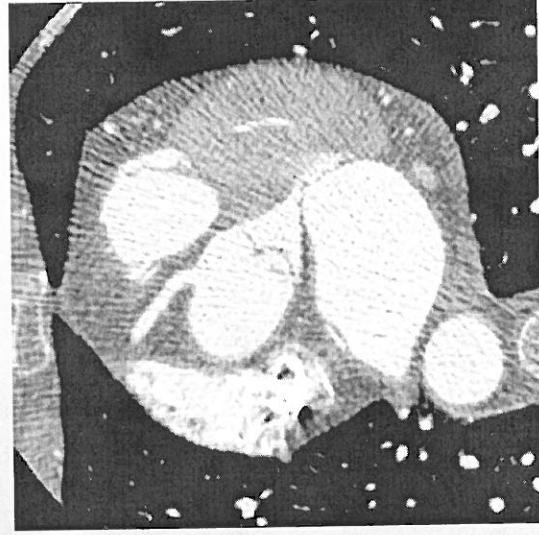
Low contrast detectability (LCD), image noise, spatial resolution and artifact were assessed using reference factory protocols comparing ASiR-V and FBP. The LCD measured in 0.625 mm slices and tested for both head and body models using the MITA CT IQ Phantom (CCT123, The Phantom Laboratory), using model observer method.



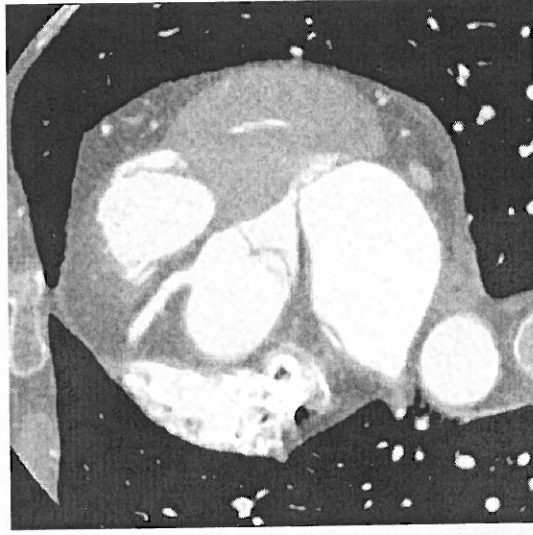


Less streak artifact.

ASiR-V has the capability to reduce low-signal artifact, such as streak artifact, compared to FBP.¹



Without ASiR-V



With ASiR-V

¹Low contrast detectability (LCD), image noise, spatial resolution and artifact were assessed using reference factory protocols comparing ASiR-V and FBP. The LCD measured in 0.625-mm slices and tested for both head and body modes using the MITA CT IQ Phantom (CCT118.3, The Phantom Laboratory), using (model observer) method.



Smart Technologies

Modern imaging intelligence.

Smart Flow

Designed to help you improve productivity and patient experience by streamlining your workflow and access to information, Smart Flow technologies enable fast, hands-free patient positioning, exam prescription from the patient's side, integrated injections, real-time reconstruction during the scan and access to advanced applications right on the console.

Real-time reconstruction

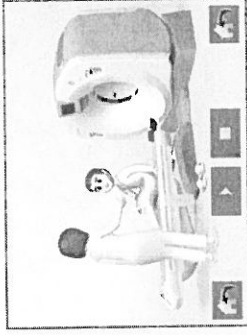
Reconstruction of images in real time helps you focus solely on the diagnosis of your patient. With Image Check, up to 55 images are reconstructed and available per second. For trauma patients, when the extent of the injuries is unknown, you can prospectively prescribe up to 10 multiphase reconstructions and easily prioritize which one you need first.

IQ enhance pitch booster

Scan a chest in as fast as two seconds with 175-mm-per-second acquisition speed to help shorten patient breath-holds while maintaining image quality.



Main screen



Instruction video



Patient workload



Protocol selection

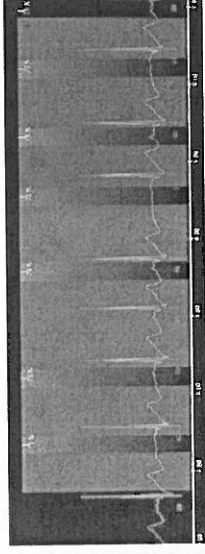
Without pitch booster.
Slow pitch.
Good exam quality.Without pitch booster.
Fast pitch.
Good exam speed.Without pitch booster.
Good exam quality
and speed.

Smart Cardiac

Set up and perform complex cardiac procedures quickly, reliably, and repeatedly with Smart Cardiac tools on the Advantage Workstation.

SnapShot[®] Assist

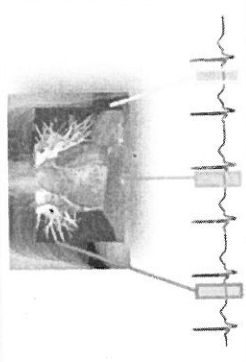
Easily complete cardiac exams in as few as five beats with SnapShot Assist, which advises you of the best acquisition technique based on the patient's heart rate and BMI.



SnapShot Assist

SnapShot Pulse

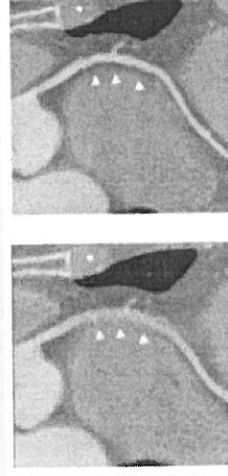
Prospective gating with SnapShot Pulse allows for a dose reduction of up to 83% for coronary imaging compared to an ECG-gated helical acquisition mode.



SnapShot Pulse

SnapShot Freeze

Reducing motion blurring in vessels by up to a factor of six, SnapShot Freeze facilitates your diagnosis by freezing coronary motion even in higher-heart-rate coronary CT exams. It delivers a 58-msec-equivalent gantry speed with an effective temporal resolution of 29 msec.¹



Without
SnapShot Freeze

With
SnapShot Freeze

As demonstrated in cardiac phantom testing.

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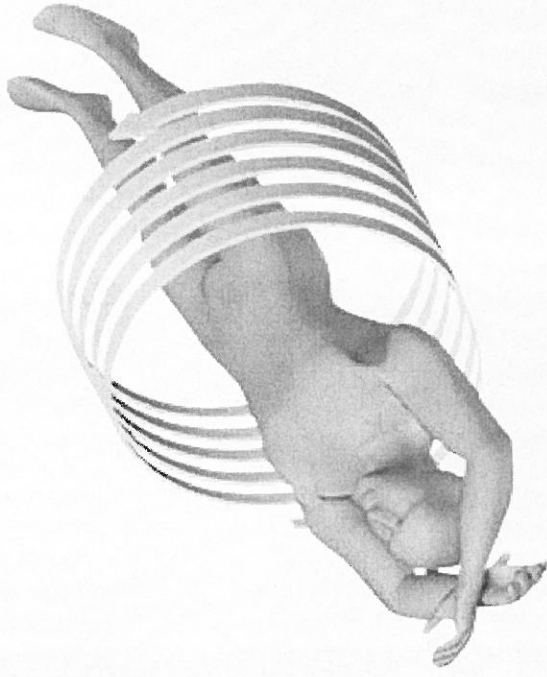
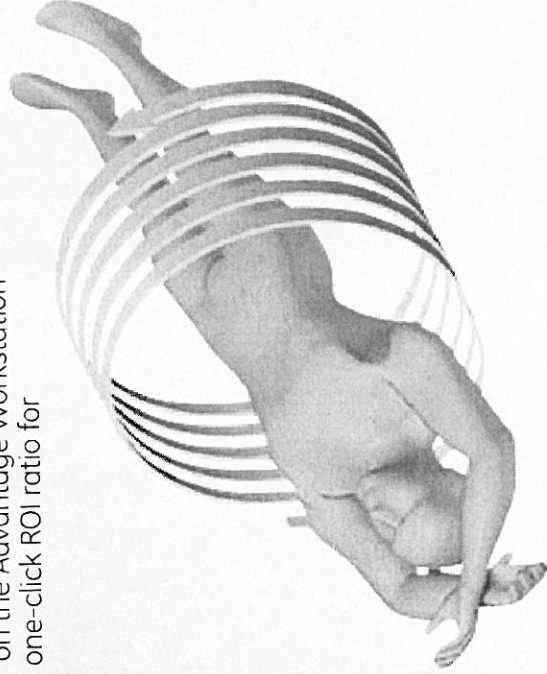
Dual-energy imaging

Simpler scan solutions.

For simple characterization, two-path dual-energy acquisitions on Revolution EVO improve workflow with a solution that's both dose-neutral and fast.

Dual-energy imaging allows easy configuration of back-to-back axial or helical scans of the same anatomy at two different X-ray energies (kVs). Both scans are performed at half dose with excellent image quality, thanks to ASiR-V iterative reconstruction. The second acquisition can be performed in the opposite direction in a short scan time.

The additionally acquired dual-energy data can be quickly post-processed right on the console or on the Advantage Workstation with easy image registration and one-click ROI ratio for simple analysis.



Benefits

Core Technologies

Solutions & Services

Solutions & Services

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Solutions beyond the scanner.

Optimize your investment.

Lift your organization to a new level of performance with our complete portfolio of consulting and support services. GE Healthcare Services will work with you to address your healthcare system's growth, quality and operational excellence, so you can meet your business objectives.

Asset optimization.

Using proprietary software and data analytics, we can help you optimize your maintenance contracts and establish benchmarks for utilization of assets which can help reduce costs and drive productivity.

Patient flow optimization.

We track patient flow from admission to discharge in real time. The ability to capture and analyze this data can help you decrease wait time, reduce costs, and improve the quality and safety of care.

Workforce optimization.

We can help improve workforce utilization across the continuum of care, which can have an impact on the bottom line. All while improving the quality of care and staff satisfaction.

Right dose by design.

Improving dose management starts with a strategy. GE Blueprint helps healthcare organizations build a strategic roadmap for a comprehensive radiation dose management program encompassing leadership, practices and technology. We start with our GE Blueprint Benchmark Assessment to compare and assess your current performance against industry guidelines and best practices to help you balance your dose management priorities and develop your program across your entire healthcare system. Then we partner with you to go beyond meeting compliance and regulatory guidelines to help you improve clinical and quality outcomes.

Flexible equipment financing.

GE Capital, Healthcare Financial Services has the financial expertise, combined with healthcare industry knowledge and resources to provide your organization with a complete range of equipment financing solutions for every stage of your growth.



With Revolution EVO you can get the high resolution you need, make low dose routine, accomplish more in your day and help more patients. It enables you to serve the widest variety of patients and referring physicians with a diversity of applications today—while positioning your institution to rise to the challenges you'll face going forward.

Revolution EVO.

More than just high tech. Higher purpose.

Contact your GE Healthcare Sales Representative to learn more about Revolution EVO.





www.gehealthcare.com

GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world. GE (NYSE: GE) works on things that matter - great people and technologies taking on tough challenges. From medical imaging, software & IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients.

imagination at work

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