DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF HEALTH SERVICE REGULATION

ROY COOPER
GOVERNOR

MANDY COHEN, MD, MPH
SECRETARY

MARK PAYNE
DIRECTOR

December 20, 2017

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

No Review

Record #:	**2459**
Facility Name:	Vidant Chowan Hospital
FID #:	933102
Business Name:	East Carolina Health-Chowan, Inc
Business #:	676
Project Description:	Replace Digital Radiography and Fluoroscopy Unit
County:	Chowan

Dear Mr. Shovelin:

The Healthcare Planning and Certificate of Need Section, Division of Health Service Regulation (Agency) received your letter of December 6, 2017 regarding the above referenced proposal. Based on the CON law **in effect on the date of this response to your request,** the proposal described in your correspondence is not governed by, and therefore, does not currently require a certificate of need. However, please note that if the CON law is subsequently amended such that the above referenced proposal would require a certificate of need, this determination does not authorize you to proceed to develop the above referenced proposal when the new law becomes effective.

However, you need to contact the Agency's Construction and Radiation Protection Sections to determine if they have any requirements for development of the proposed project.

It should be noted that this determination is binding only for the facts represented in your correspondence. Consequently, if changes are made in the project or in the facts provided in your correspondence referenced above, a new determination as to whether a certificate of need is required would need to be made by this office. Changes in a project include, but are not limited to: (1) increases in the capital cost; (2) acquisition of medical equipment not included in the

original cost estimate; (3) modifications in the design of the project; (4) change in location; and (5) any increase in the number of square feet to be constructed.
Please contact this office if you have any questions. Also, in all future correspondence you should reference the Facility ID # (FID) if the facility is licensed.

Sincerely,

Jane Rhoe-Jones
Project Analyst

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

cc: Construction Section, DHSR
Radiation Protection Section, DHSR
Sharetta Blackwell, Program Assistant, Healthcare Planning, DHSR

VIDANT HEALTH™

December 6, 2017

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

RE: Request for "No Review" for a Replacement RF Imaging Unit at East Carolina Health – Chowan, Inc. d/b/a Vidant Chowan Hospital

Dear Ms. Rhoe-Jones:

East Carolina Health – Chowan, Inc. d/b/a Vidant Chowan Hospital (VCHO) plans to replace an existing GE Precision 500D digital radiography and fluoroscopy unit with a new Precision 500D digital radiography and fluoroscopy unit. The reason for the replacement is due to the age and subsequent performance and technology limitations of the existing equipment (originally purchased in 2007). The total capital costs for the proposed replacement is estimated to be $541,607 (see Appendix D). These costs include all expenses associated with the equipment replacement, including the cost of the equipment before trade in and other discounts, design & construction, furniture, and all other costs. The project will be funded through accumulated reserves and is anticipated to be complete by June 2018.

VCHO believes the proposed project is exempt from CON review under G.S. 131E-184(a)(7) that states:

> (a) Except as provided in subsection (b), the Department shall exempt from certificate of need review a new institutional health service if it receives prior written notice from the entity proposing the new institutional health service, which notice includes an explanation of why the new institutional health service is required, for any of the following: (7) To provide replacement equipment.

G.S. 131E-176(22a) defines "Replacement Equipment" as:

> Equipment that costs less than two million dollars ($2,000,000) and is purchased for the sole purpose of replacing comparable medical equipment currently in use which will be sold or otherwise disposed of when replaced. In determining whether the replacement equipment costs less than two million dollars ($2,000,000), the costs of equipment, studies, surveys, designs, plans, working drawings, specifications, construction, installation, and other activities essential to acquiring and making operational the replacement 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.

Since VCHO's project costs less than $2,000,000 and is being done for the sole purpose of replacing comparable medical equipment currently in use, the proposed project meets the definition of "replacement equipment" Since the proposal meets the definition of "replacement equipment", VCHO believes it is exempt from CON review. Specifically:

a) The proposed project meets the definition of replacement equipment found in G.S. 131E-176(22a) in that the new equipment is being purchased for the sole purpose of replacing comparable medical equipment that is currently in use and otherwise disposed of when replaced. Reference Appendix F for the Responses to Replacement Equipment Key Questions, Appendix B for the equipment comparison table, and Appendix E for the existing equipment disposal letter from the vendor.

b) The equipment is being replaced in the exact location where the existing equipment currently resides and is located on VCHO's main campus. Currently, the existing equipment is located in in an RF room in VCHO's Radiology Suite. The replacement equipment will be installed in the same RF room. Reference Appendix C for Site Plans and Floor Plans associated with the proposed project.

c) The cost of the equipment is less than two million dollars. The cost of all studies, surveys, designs, plans, working drawings, specifications, construction, installation, and other activities essential to acquiring and making operational the replacement equipment were included in determining cost of the equipment. Reference Appendix D for a detailed capital cost sheet.

d) VCHO is a licensed health service facility and has administrative and financial control of the site where the equipment will be replaced. Reference Appendix G for documentation.

e) By this letter, VCHO is providing prior written notice to the Department, along with supporting documentation to demonstrate need.

VCHO's proposal meets the requirements identified above and believes the proposed project is exempt from review. Therefore, VCHO requests approval of a no review status for the proposed project.

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

Sincerely,

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

Appendix A

Vendor Quote

GE Healthcare

Date: 04-25-2017
Quote #: PR12-C91570
Version #: 4

CH 889

Vidant Chowan Hospital 211 Virginia Rd Edenton NC 27932-9668	Attn: Ms. Tonya Williams 211 Virginia Road Edenton NC 27932	Customer Number: 1-2312AW Quotation Expiration Date: 06-30-2017

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

Governing Agreement:	Novation - Vizient Supply LLC
Terms of Delivery:	FOB Destination
Billing Terms:	80% delivery / 20% Installation
Payment Terms:	NET 30
Total Quote Net Selling Price:	$305,607.49

INDICATE FORM OF PAYMENT:

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

✓ Cash/Third Party Loan

___GE HFS Lease

___GE HFS Loan

___Third Party Lease (please identify financing company) ___________

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

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

CUSTOMER

[signature] 6/20/17

Authorized Customer Signature Date

Jeffrey N Sackerson President

Print Name Print Title

____

Purchase Order Number (if applicable)

GE HEALTHCARE
Nicholas Bengel [signature] 04-25-2017

Signature Date

Imaging Account Manager

Email: nicholas.bengel@ge.com
Office: +1 414 238 7008

GE Healthcare

Date: 04-25-2017
Quote #: PR12-C91570
Version #: 4

Total Quote Selling Price	$346,607.49
Trade-In and Other Credits	$41,000.00
Total Quote Net Selling Price	$305,607.49

To Accept this Quotation

Please sign and return this Quotation together with your Purchase Order To:
Nicholas Bengel
Office: +1 414 238 7008
Email: nicholas.bengel@ge.com

Payment Instructions

Please Remit Payment for invoices associated with this quotation to:
GE Healthcare
P.O. Box 96483
Chicago, IL 60693

To Accept This Quotation

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

"Upon submission of a purchase order in response to this quotation, GE Healthcare requests the following to evidence agreement to contract terms.
Signature page on quote filled out with signature and P.O. number.
**********OR**********
Verbiage on the purchase order must state one of the following: (i) Per the terms of Quotation #_____; (ii) Per the terms of GPO#_____; (iii) Per the terms of MPA #_____; or (iv) Per the terms of SAA #_____. Include the applicable quote/agreement number with the reference on the purchase order.
In addition, source of funds (choice of: Cash/Third Party Loan or GE HFS Lease or GE HFS Loan or Third Party Lease through _____), must be indicated, which may be done on the quote signature page (for signed quotes), on the purchase order (where quotes are not signed) or via a separate written source of funds statement (if provided by GE Healthcare)."

GE Healthcare

Date: 04-25-2017
Quote #: PR12-C91570
Version #: 4

04-25-2017

GPO Agreement Reference Information

Customer:	Ms. Tonya Williams
Contract Number:	PLEASE SEE NOVATION CONTRACT # BELOW
Start Date:	
End Date:	12/31/2021
Billing Terms:	80% delivery / 20% Installation
Payment Terms:	NET 30
Shipping Terms:	FOB Destination

This product offering is made per the terms and conditions of Novation/GE Healthcare GPO Agreement # XR0380 (RAD/R and F) and XR0342 (MAMMO).

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

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

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

GE Healthcare

Date: 04-25-2017
Quote #: PR12-C91570
Version #: 4

Qty	Catalog No.	Description
		Vidant Chowan Precision 500d
1		**Precision 500D**
1	S0915KJ	Precision 500D Digital Base System with 16 Inch/40 Centimeter Image Intensifier Precision 500D FULL Digital base System with 16 Inch/40cm Image Intensifier with FlashPad The Precision 500D Features a High-Frequency 65KW generator integrated into a single space savings cabinet. The Console consists of a 19 inch (48.36 cm) color touch-screen for adjusting X-Ray generation controls, Digital Review, Filming Parameters, a hand switch for making radiographic X-ray exposures, an interface module for X-Ray control including on/off and reset switch, and a set of lights to indicate system status. The Precision 500D system includes both a 19 inch (48.26 cm) LCD color monitor for the Exam room and a 19 inch (48.26cm) touch screen LCD monitor in the control room.The control room monitor may be desk (included) or wall mounted (accessory option); and the examination room monitor may be ceiling suspended or mounted on a mobile cart. For Reference Imaging, a third monitor can be installed (optional): this is a second monitor in the exam room: 19 inch (48.26cm) LCD color monitor. Installation with a ceiling dual monitor suspension. • The Basic Package Features the Following: - LFOV - 16/12/9/6-1/2 Inch QX-Spec Image Intensifier - CCD Imaging System - Digital Fluoroscopy 1024 x 1024 x 12-Bit Rapid Fluoro Frame Acquisition:1 to 30 FPS - Digital Radiographic 1024 x 1024 x 12-Bit Single Frame or Rapid Acquisition: 1 to 7.5 FPS • Patient Data, Image and Exam Management - Add / Delete Patient - Review / Edit Patient Info - Patient Select for Acquire / Review - Images Stored Under Patient Within Series (Runs) and Studies - Study Protection - On-Line Archival of up to 4,000 (1024 x 1024) Images on Hard Disk with 256 MB RAM for Capturing Images in Rapid-Acquisition Mode - SmartFluoro in Fluoroscopy (7 Settings) - Last Image Hold in Fluoroscopy. - Digital Radiography up to 7.5 Images / Second with Edge Enhancement Filters (Real-Time and Post Processing - 4 Levels) - 4-on-1 and 16-on-1 Image Display (Multiview)

Qty	Catalog No.	Description

- Horizontal and Vertical Digital Shutters with Automatic or Manual Adjustment.
- Image Contrast Invert
- Dynamic Series Review
- Infrared Remote Control

The Precision 500D Table Includes:

- 90/30 Tilting Table Base
- Intelligent Digital Device (IDD) User Interface Located at the Carriage Tower. It Includes:
  - Power Assist Handle with Speed Proportional to the Force Exerted on the Lever by the Operator.
  - Electromagnetic Locks Controlled at the IDD User-Interface. All Locks are Applied Automatically when Exposing a Digital Spotfilm or They May be Selectively Disengaged to Allow Panning During Bolus-Chase Studies.
  - No Spotfilm Device
  - Fluoroscopy Exposure Access Time is Less than .9 Seconds for All Digital Photospots
  - Motorized Grid (10:1) 60 Line / Centimeter (152 Line / Inch) Aluminum Interspaced May be Moved In and Out of the FOV.
- IDD Utilizes Graphical Electro-Luminescent (EL) Display Tilted at 35 Degrees in Conjunction with Other Controls for Complete System Control from Tableside. The Following Functionality is Available Tableside:
  - Table Angulation
  - Tabletop Motion (8-Way)
  - Fluoro and Record Actuation
  - Manual Collimation Controls
  - FOV Selection
  - Grid In/Out (Motorized)
  - Video Recorder On/Off
  - Digital Mode, which Makes the Following Controls Available: Variable Fluoro Noise Reduction Filters, Digital Record Frame Rate Selection, and Bolus Lock
  - Collimation Mode (Automatic or Manual)
  - Compression Lock
  - Lateral/Longitudinal Lock
  - Cone In/Out
  - Fluoro Timer Rest
  - Total Patient Fluoro Time
  - Table Bucky Mode

Qty	Catalog No.	Description

- Fluoro Carriage and Tower Provides Counterbalanced Support for Fluoro Tower and Maxiray 100 Fluoroscopic Tube Assembly. It has the Following Specifications:
  - Total Longitudinal Travel of 80.9 Centimeters (31.9 Inches)
  - Total Lateral Travel of 27 Centimeters (10.6 Inches)
  - When the Table is Vertical, There is a Maximum of 186.2 Centimeters (73.3 Inches) from the Fluoroscopic Beam to the Floor, for Cervical Esophagus Coverage on Patients up to 6 Foot 8 Inches (203.2 Centimeters) Tall.
  - 47.6 Centimeters (18.7 Inches) Maximum Caliper Opening Between Bottom of the Spotfilmer and Tabletop
- Fully Enclosed Steel Table Body for Radiation Protection
  - Variable Speed Angulation with Soft Start and Stop
  - Tabletop Longitudinal Drive is Interlocked with the Angulation Drive so that the Tabletop Automatically Shifts the Distance Necessary to Prevent Collision with the Floor and Ceiling
  - Myelographic Stop (Both Mechanical and Electrical)
  - Interlocked Patient Step Eliminates Need for Accessory Footstool
- Tabletop is a Gray Laminate Measuring 72 x 213 Centimeters (28.5 x 83.9 Inches) and Provides the Following:
  - 500 Pounds(226 Kilogram) Patient in the Horizontal Position (static) and 300 Pounds (136.08 Kilograms) Complete table movement with angulation. A Mylar Sub-Top Cover Protects the Internal Parts of the Table when the Top is Extended.
  - Radiocapacity of the Top and Sub-Panel is Less than 1 Millimeter Aluminum Equivalent at 100 kVp when Top is Centered
  - Motorized 8-Way Flat Tabletop
  - Normal Tabletop Longitudinal Extension is 76.2 Centimeters (30 Inches) at Both Ends; However, at Installation, Travel Can be Extended to 114.3 Centimeters (45 Inches) at One End with Reduced Travel at the Other End of 38.1 Centimeter (15 Inches).
  - Lateral Tabletop Motion of 19.7 Centimeters (7.8 Inches)
  - Tabletop Height of 88.4 Centimeters (34.8 Inches) Closely Approximates That of Stretcher Height
- Tableside Controls are Clustered Near the Center of the Table Body and are Protected from Spills with a One-Piece Silicon Rubber Cover. They Include:
  - Tabletop Motion
  - Tabletop Center
  - Angulation/Horizontal Stop Selector

Qty	Catalog No.	Description

- Room Light Control
- Digital Display of Table Angulation

- The Collimator has Integrated Copper Spectral Filters in Following Thickness: None, 0.1, 0.2, and 0.3 Millimeters.
- The Precision 500D System Comes with the Maxiray 100 Radiographic and Fluroscopic Tube Under the Table. MX-100 Provides:
  - Focal Spot Sizes 0.6-1.0 Millimeters
  - Target Angle 12.5 Degrees
  - Maximum Voltage Rating 150 kVp
  - Anode Diameter 100 Millimeters
  - Casing Heat Storage Capacity 1,100,000 Joules (1,500,000 H.U.)
  - Anode Heat Storage Capacity of 350 KHU (260 KJ)
  - Anode Heat Dissipation Rate of 925 Watts (75KHU per Minute)
  - Air Cooled
- The Precision 500D Table Offers a Radiographic Receptor that Provides 114.6 Centimeters (57.0 Inches) of Tabletop Coverage. Reciprocating Bucky Grid. 36 lp/centimeter, 12:1 Ratio, FD 110 Centimeter Grid. Optional Pediatric Stationary High-Line Rate Grid is Available.
- Standard Accessories Include:
  - Footrest
  - Patient Hand Grips
- IQST (Image Quality Signature Test) and QAP (Quality Assurance Program) are Tools Used to Assess the Image Quality of the System. Field Engineers and/or Customers Use these Tools to Ensure Image Quality Consistency. Results of QAP are Presented to the User as PASS or FAIL of Image Quality Testing. For IQST, Numerical Values are Presented to the User in Addition to PASS or FAIL.
- Exam Room 19 inch (48.26 cm) LCD Monitor.
- Dose Measurement
- Virtual Collimation

Virtual Collimation Provides the User with Virtual Feedback Regarding the Positioning of the Collimator Blades thus Reducing the Need to Use Fluoro to Adjust Collimation.

- DICOM 3.0 Kit
  - Full Fidelity Storage
  - Verification SCU and SCP

Qty	Catalog No.	Description

- Storage SCU and Storage SCP
- Storage Commitment (Push Model) SCU
- Query / Retrieve (Study Root Model SCU and SCP)
- Auto Transfer to Two Different Nodes
- Transfer Progress Indicator
- Access Control and Confidentiality
- 10/100 MB/s Ethernet DICOM 3.0 Kit Option
- Full Fidelity Storage
- Verification SCU and SCP
- Storage SCU and Storage SCP
- Storage Commitment (Push Model) SCU
- Query / Retrieve (Study Root Model SCU and SCP)
- Auto Transfer to Two Different Nodes
- Transfer Progress Indicator
- Access Control and Confidentiality
- 10/100 MB/s Ethernet

• DICOM Print Option
  - Print Management SCU
  - Multiple Printer Configuration
  - DICOM 3.0 Kit is Mandatory for this Function.

• DICOM Worklist Option
  - Modality Worklist SCU
  - Fill Image from Worklist
  - Modality Performed Procedure Step SCU
  - Mapping Between SPS and PPS
  - DICOM 3.0 Kit is Mandatory for this Function

• Remote Diagnostics and iLinq Compatible

• English Operator Manual
• IDD Contrast Medium Select
• Pulse Fluoro Adapter
• Pediatric Mode
• Fluoro Loop Store
• Productivity Package

Qty	Catalog No.	Description
		• 1 Flashpad Detector • 2 Flashpad Batteries • 1 7m tether • Digital Interface Kit • System Computer
1	S39262JL	Repeat/Reject Analysis Option Repeat/Reject Analysis RRA is a quality assurance tool that allows for images to be captured and categorized by technologist for follow-up quality reviews.
1	S39262JP	Table Top FlashPad Lateral Detector Holder Table Top Lateral Detector Holder Wireless DR detector holder, designed specifically for GE, secures the detector in a vertical position on the tabletop for cross-table imaging.
1	S0910ZK	Single LCD Monitor Support for EXAM Room WITH Suspension Single LCD Counterbalanced Monitor Support with Inboard Bridge or XT suspension for exam room.
1	S0910WA	65kW High-Frequency Generator The Precision 500D Features a High-Frequency 65kW Generator integrated into a single space savings cabinet. • Computer Controlled System Manager and Control Modules for R&F applications • Built in System Distribution Power Module and Circuit Breaker for single point power feed to room subsystems and "Brown Out" protection • Millisecond Interrogation and Termination • Specs - 800 mA at 81 kVp - 640 mA at 101 kVp - 500 mA at 130 kVp - 400 mA at 150 kVp An Uninterruptible Power Supply (UPS) is provided in the main systems cabinet, to provide backup power required for the proper shutdown of sensitive computer subsystems. In the event of a power failure, the UPS has sufficient capacity to keep the required subsystems powered up

Qty	Catalog No.	Description
		for a minimum of ten minutes. The following subsystems are supplied via UPS Power: • Integrated Console • Digital System Available in Either 50 or 60-Hz Version.
1	S0910TE	Overhead Tube Suspension with Inboard Bridge, Auto Collimation and Column Extension Select. Overhead Tube Suspension with Inboard Bridge, Auto Collimation and Column Extension Select. The Console with the display of kVp, mAs, SID Productivity, and Angle Interfaces with the Generator and Main Console, Allowing the user to adjust kV, mAs, and select receptors for maximum productivity. • Specifications - Minimum Focal Spot to Floor*: 713 Millimeters (28.07 Inches) - Maximum Focal Spot to Floor*: 2213 Millimeters (87.12 Inches) - Vertical Travel: 1500 Millimeters (59.05 Inches) - Bridge Size: 3 Meters - Lateral Travel: 2110 Millimeters (83.07 Inches) - Longitudinal Travel: Customized - Standard Rail Length: 5790 Millimeters (224.40 Inches) or 4370 Millimeters (172.04 Inches). - Tube Angulation**: +/- 180 Degrees (90 Detents) - Tube Rotation***: +/- 180 Degrees (30 Detents) - Locks: Electromagnetic/Mechanical - Mounting: UNISTRUT or Equivalent - Standard Ceiling Height: 2900 Millimeters (114.7 Inches) • Column Extension Selects: - 190.5 Millimeters (7.5 Inches), 287 Millimeters (11.3 Inches) • The Precision 500D System Comes with the Maxiray 100 Radiographic Overhead Tube. The MX-100 Provides: - Focal Spot Sizes 0.6-1.25 Millimeters - Target Angle 12.5 Degrees - 34kW - 107kW - Maximum Voltage Rating 150 kVp

Qty	Catalog No.	Description
		* Vertical Heights with a Standard Ceiling Configuration. ** Tube Angulation is Rotation for Decubitus and Wall. *** Tube Rotation is Turning about the Vertical Column.
1	S3812NG	P500D NON-TILTING VERT WS Non-Tilting Vertical Bucky Stand with Grid. Includes: • SG-80 Select Right or Left • Bucky • CSS Tray • Ion Chamber • 130 cm/ 52 Inch Grid • 10:1 36 Lines/cm • Carbon Fiber Skins • 130 cm/52 Inch Focus. • Useful Range 101 cm - 190 cm
1	S3928SE	PATIENT SUPPORT (SG80 KIT INCLUDING LATERAL BAR, HAND GRIPS AND SPACER KIT) Patient Support for the SG80 Wallstand
1	S0910TM	VCR Cables & Video Switch DVD Cables and Video Switch This includes the necessary DVD and Video Switch cables (C1601RT) and Precision 500D Video Switch (C7011N) required for connecting the X-Ray system to a VCR or DVD recorder.
1	S2100KZ	System/VCR Cable Select System/DVD Cable Select Select either the 9 meter cable (C1611KG) or the 21 meter cable (C1601PP) required to connect a VCR or DVD recorder to X-Ray system.
1	E7010DB	Sony DVO-1000 Medical DVD Recorder Sony DVO-1000 Medical DVD Recorder. Includes: • Audio Kit

Qty	Catalog No.	Description
		• Remote Control • Foot Pedal
1	W0100RA	6 Day X-ray System Training 6 Day XR System Training One 4 day and one 2 day TiP Onsite Training visits for the X-ray system. Includes T&L expenses. Days provided consecutively. This training program must be scheduled and completed within 12 months after the date of product delivery.
1	S2100KR	System/Monitor Cable Select Monitor Cable Select
1	S2100LN	Cable Select Positioner Cable Select
1	S2100LS	Cable Select System / Positioner Cable Select
1	S2100MT	System/IUI Cable Select System/IUI Cable Select
1	S2100LY	System/Table Cable Select System/Table Cable Select
1	S2100KW	Wall Stand Cable Select Wall Stand Cable Select
1	S2100JF	Xt Extension Select XT Extension Select
1	S2100JC	Inboard Rail Select 2, 3 or 4 Meter Longitudinal Rail Select (Dependent on Room Size)
1	S2100JL	XT Cable Select XT Cable Select

GE Healthcare

Date: 04-25-2017
Quote #: PR12-C91570
Version #: 4

Qty	Catalog No.	Description

Quote Summary:

Trade-in of existing P500	**($41,000.00)**
Total Quote Net Selling Price	**$305,607.49**

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

Appendix B

Equipment Comparison Table and Brochures

Equipment Comparison

	EXISTING EQUIPMENT	REPLACEMENT EQUIPMENT
Type of Equipment (List Each Component)	Radiography/Fluoroscopy	Radiography/Fluoroscopy
Manufacturer of Equipment	GE	GE
Tesla Rating for MRIs	NA	NA
Model Number	Precision 500d	Precision 500d
Serial Number	1010757WK1	TBD
Provider's Method of Identifying Equipment	RF #1	RF #1
Specify if Mobile or Fixed	Fixed	Fixed
Mobile Trailer Serial Number/VIN #	NA	NA
Mobile Tractor Serial Number/VIN #	NA	NA
Date of Acquisition of Each Component	March 2007	June 2018 (proposed)
Does Provider Hold Title to Equipment or have a Capital Lease?	Hold Title	Hold Title (proposed)
Specify if Equipment Was/Is New or Used When Acquired	New	New (proposed)
Total Capital Cost of Project (including construction, etc.)	Unknown (historical records have lost or have not been maintained)	$541,607
Total Cost of Equipment	Unknown (historical records have lost or have not been maintained)	$346,607
Fair Market Value of Equipment	$0 (current value)	$346,607
Net Purchase Price of Equipment	Unknown (historical records have lost or have not been maintained)	$305,607 (after $41,000 trade in discount)
Locations Where Operated	VCHO Radiology Department	VCHO Radiology Department VCHO
Number Days in Use to be Used in N.C. Per Year	365	365
Percent of Change in Patient Charges (by Procedure)	0%	0%
Percent of Change in Per Procedure Operation Expenses(by Procedure)	0%	0%
Type of Procedures Currently Performed on Existing Equipment	Diagnostic and Fluoroscopic Radiography	
Type of Procedures New Equipment's Capable of Performing		Diagnostic and Fluoroscopic Radiography

GE Healthcare

Precision 500D

Digital radiography and fluoroscopy system

What do you look for in a classical digital R&F system? Exceptional image quality at low dose, certainly. Increased clinical productivity and patient throughput, definitely. Long-term reliability, undoubtedly. Well, you've just found your system.

From A to Z for R&F.

Precision™ 500D simplifies and improves virtually every aspect of your operation. You'll accommodate more patients than ever before, thanks largely to a remarkably user-friendly interface. Generate images of extraordinary clarity with an imaging chain that features a 12-bit CCD-based camera and high-resolution intensifier. Conserve dose with a range of advanced dose-management features. And transfer images and patient information instantly, effortlessly, through a completely integrated DICOM 3.0 connectivity package.

Best of all, since Precision 500D is designed and manufactured by industry leader GE Healthcare, you'll do it all with a system you can count on day in, day out. Year in, year out. Patient in, patient out.

A GE exclusive, AutoEx™ dynamic exposure optimization allows the system itself to select the best techniques, focal spot, dose rate and spectral filter for each procedure. As imaging proceeds, it automatically adjusts parameters in real time for optimum contrast-to-noise ratio, dose management and productivity.

Options like SmartFluoro™ fluoro noise reduction (with real-time, user-adjustable digital filters) and variable-frame-rate pulsed fluoroscopy reduce dose even further.

Dose saving capabilities allow for automatic adjustments to reduce dose for smaller patients.

Easy dose it.

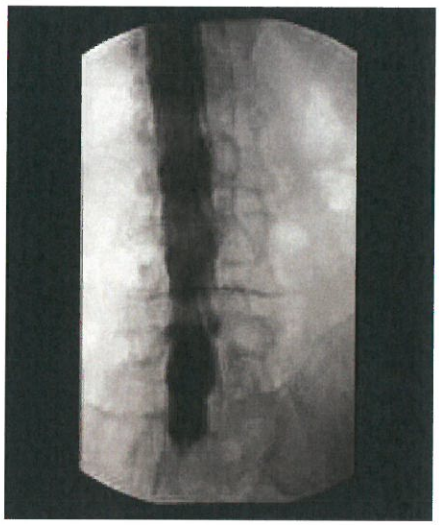
Sure, you could improve image quality by increasing dose. Doing it at low dose is the trick – at which Precision 500D excels. By combining the finest image-capturing equipment and dose-managing capabilities today's technology has to offer.

It starts with the imaging chain, which features a 12-bit CCD-based camera. Then there's AutoEx, which automatically adjusts key image-acquisition parameters in real time for optimum quality. Meanwhile, closed-loop Automatic Brightness Control and patented Extended Dynamic Range circuitry maintain contrast and minimize blooming.

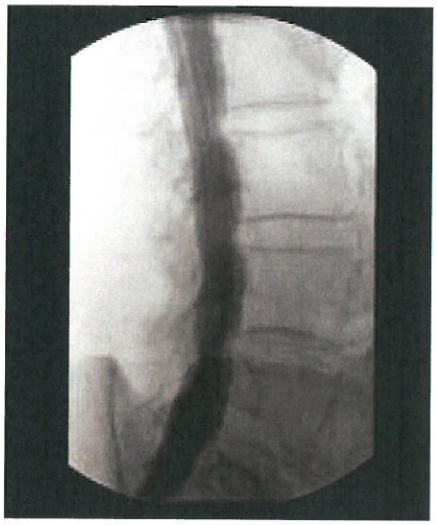
For dose management, fluoro store-to-hard-disk and automatic last-image-hold permit direct diagnosis without extra radiographic exposures. Spectral filtration minimizes absorbed dose during fluoroscopy. Virtual Collimation lets you gauge collimator position without additional exposures, while digital spatial filters optimize radiographic image quality to complete the low-dose picture.

Seeing is relie

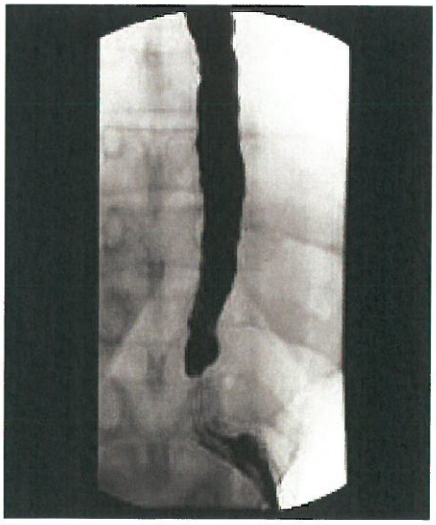
Carotid DSA



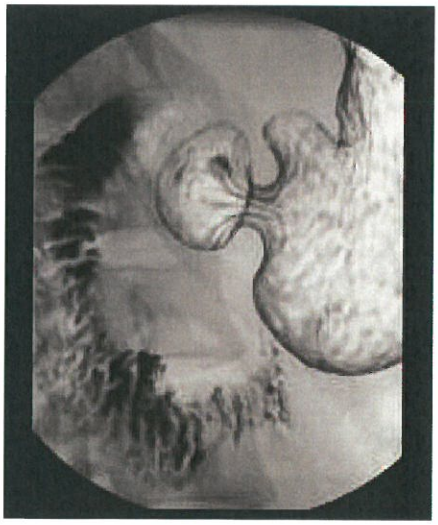
Myelogram



Myelogram



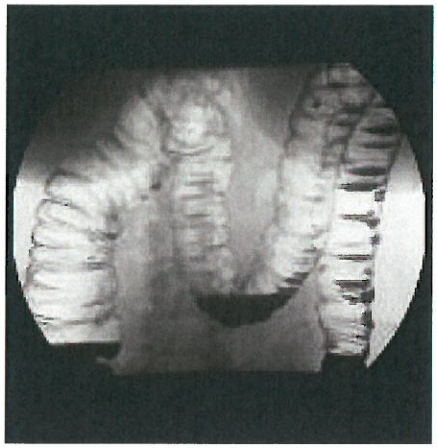
Esophogram



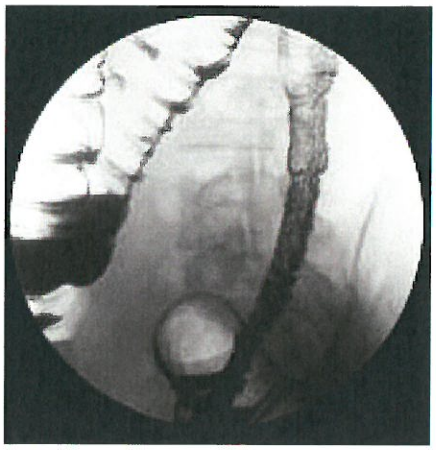
Gastrointestinal (UGI)

Gastrointestinal (UGI)

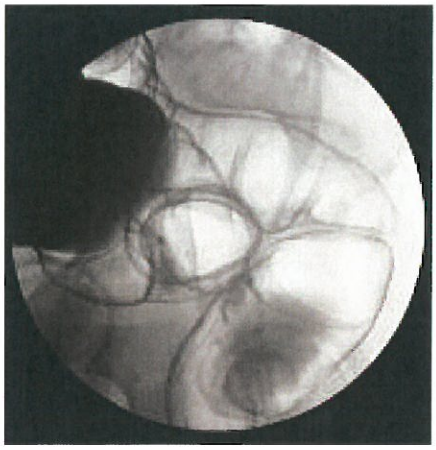
ving.



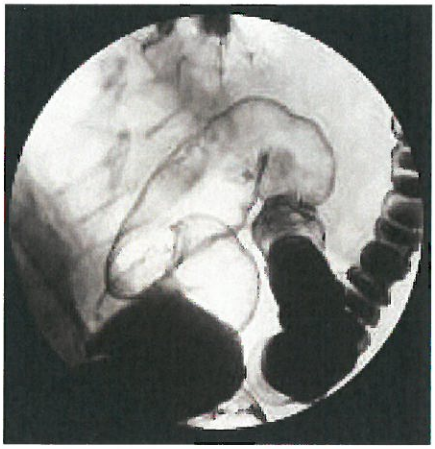
Air contrast colon



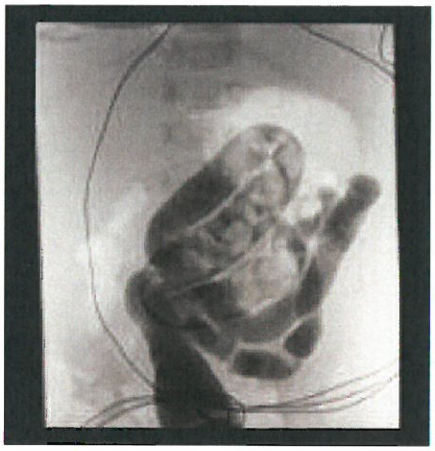
Air contrast colon



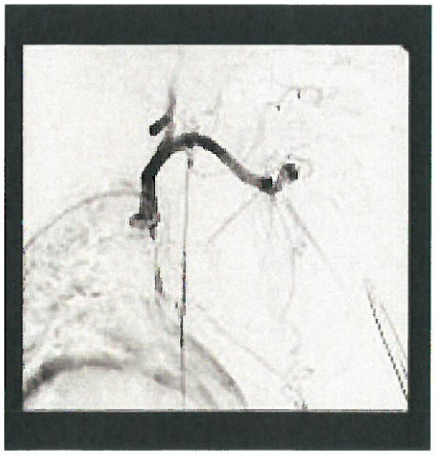
Air contrast colon



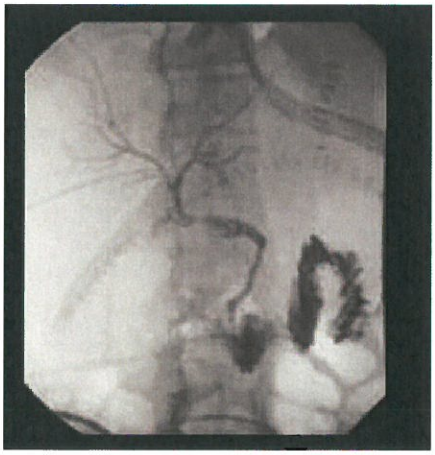
Air contrast colon



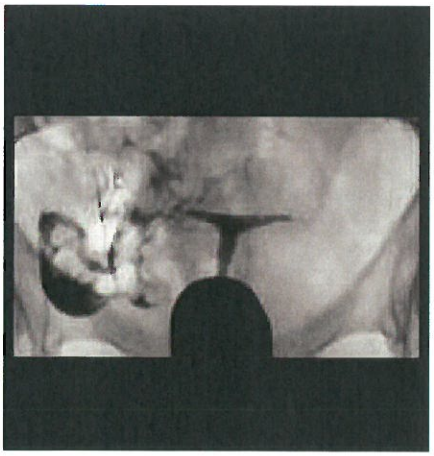
Pediatric colon



Subclavian DSA



T-Tube cholangiogram



Hystrosalpingogram


73
42.1
0.4
10
77
0.6

An overhead tube console interface lets you control kV and mAs, so you can adjust protocols without leaving the room.

Breakthroughput.

Ever seem like you have far too many patients – and far too little time? Precision 500D has all the features you need to boost patient throughput and your productivity.

Improved throughput begins right at exam setup. Simply select the patient from a PACS-generated worklist and choose the appropriate exam. The system automatically selects the best protocols.

Controls are grouped by frequency of use for quick access. The symmetrically arranged power-assist handle, fluoro controls and record controls are easy to operate whether you're right- or left-handed. Table angulation is controlled from either the Intelligent Digital Device or tableside control panel. And the touch of a button lets you control everything from magnification and collimation to angulation, grid and Bucky mode.

The incredibly easy-to-use integrated console provides single-point control for most exams. Its DICOM 3.0 interface accommodates both PACS-worklist and barcode entry of patient data to maximize throughput and minimize errors.

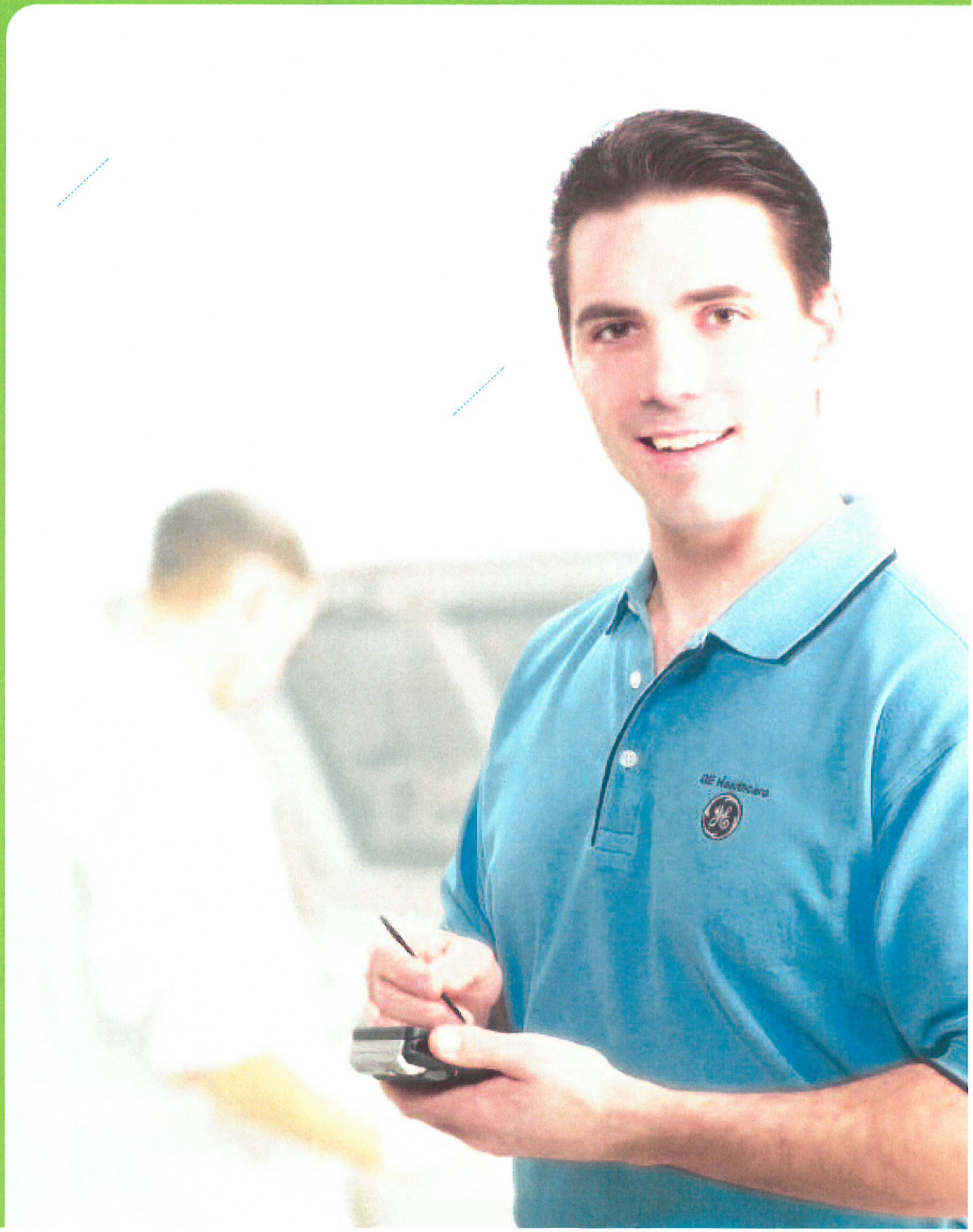
Your relationship with GE doesn't end when you take delivery of your system. That's just the beginning. Because with Precision 500D, you don't just get a highly reliable system. You get a highly reliable partner.

Hardware and software support. Asset management tools. On-demand applications and remote technical support. Training. Education. The industry's most skilled and highly trained field and online engineers. GE provides it all, and even puts it at your fingertips. With InSite™ remote diagnostics and iLinq™ remote support, you can access prompt, expert troubleshooting from live engineers or applications specialists – right from your console.

What's more, InSite IQST lets you monitor your image quality proactively. The touch of a button sends a phantom image to GE engineers for prompt analysis and recommendations. Bottom line? You're consistently up and running.

Dedicated caregivers.

InSite's constant, encrypted data connection lets your GE engineer link to your system digitally from anywhere for remote monitoring diagnosis, system repair – and higher uptime.



Healthcare Re-imagined

GE is dedicated to helping you transform healthcare delivery by driving critical breakthroughs in biology and technology. Our expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, and biopharmaceutical manufacturing technologies is enabling healthcare professionals around the world to discover new ways to predict, diagnose and treat disease earlier. We call this model of care "Early Health." The goal: to help clinicians detect disease earlier, access more information and intervene earlier with more targeted treatments, so they can help their patients live their lives to the fullest. Re-think, Re-discover, Re-invent, Re-imagine.

GE Healthcare
3000 North Grandview
Waukesha, WI 53188
U.S.A.

www.gehealthcare.com

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XRF-0131-09.07-EN-US

X-Ray Radiography & Fluoroscopy

Radiography & Fluoroscopy

Precision 500D

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DOC0882552

The Precision Family of R&F Systems

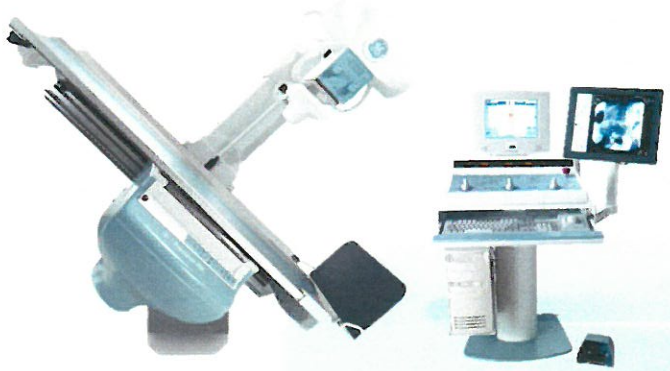
Focused on the Fundamentals

Precision 500D

Classical R&F System

- Affordably Advanced
- Surprisingly Simple
- Proven Reliability
- Digital Radiography - New

Precision RXi



Remote R&F System

- Robust Design
- Broad Capabilities
- Remote Reach

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Precision 500D - Overview

The Precision 500D R&F system offers **quality imaging**, clinical **productivity**, and advanced **dose management** capabilities

Built with the user in mind, the Precision 500D is recognized for its **ease of use**, **simplicity** and **reliability**

Adding the **DR Imaging Option**, powered by the **FlashPad** detector, to your Precision 500D now or later, brings you to the benefits of digital imaging, including improved **workflow**, faster image availability, better image quality...all at lower doses

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Precision 500D – Why GE Healthcare?

We know Digital Fluoroscopy. . .

- A market presence since the 1930s!
- Longstanding market leadership
- The name you trust in fluoroscopy
- Over 7,000 classical systems in the USA
- Over 18,000 classical systems globally
- Over 1,600 Precision 500Ds installed

We know Digital Radiography. . .

- Established **leader** in radiography
- Over $0.5 billion R&D investment since **1987**
- Over 263 **patents** hundreds of scientific publications
- Over **18,000** detectors shipped
- **Three** fully operational production facilities

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Precision 500D – Classical R&F System

Fundamentals in Radiography & Fluoroscopy

- **Digital Radiography - New**
- **Ease of Use** and Productivity
- Advanced **Dose Management** Solutions
- **High Quality** Images Leading to Clinical Confidence
- **Reliability** and Reputation
- **Safety**

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Precision 500D – Wireless DR Imaging Option

Precision 500D DR System *powered* by **FlashPad**

- For new and existing systems
- Cost effective solution
- Fully integrated
- Designed for Precision 500D
- Easy upgrade
- An investment in the future
- Better room utilization

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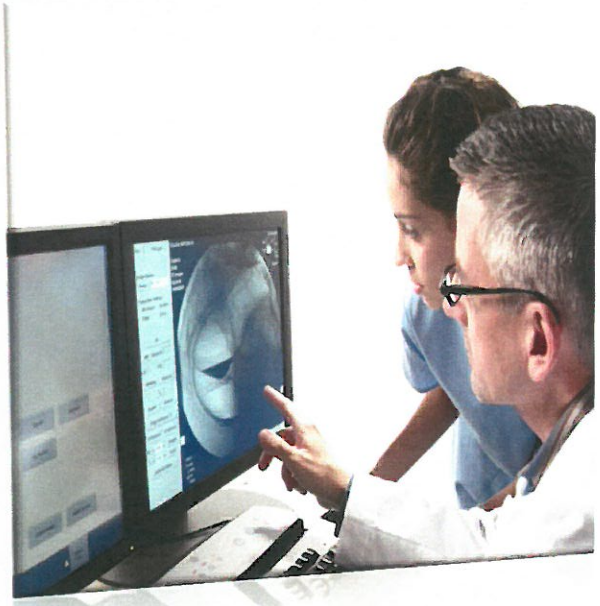


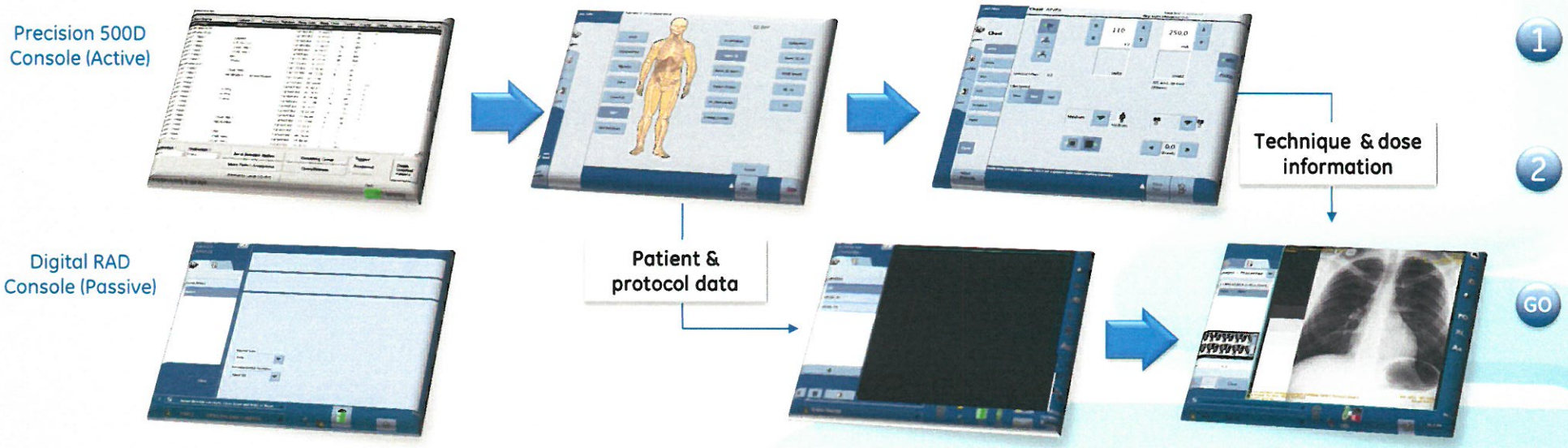
Ease of Use

1-2-GO!

- Touch-screen monitors
- Multiple monitors
- Quick exam set up

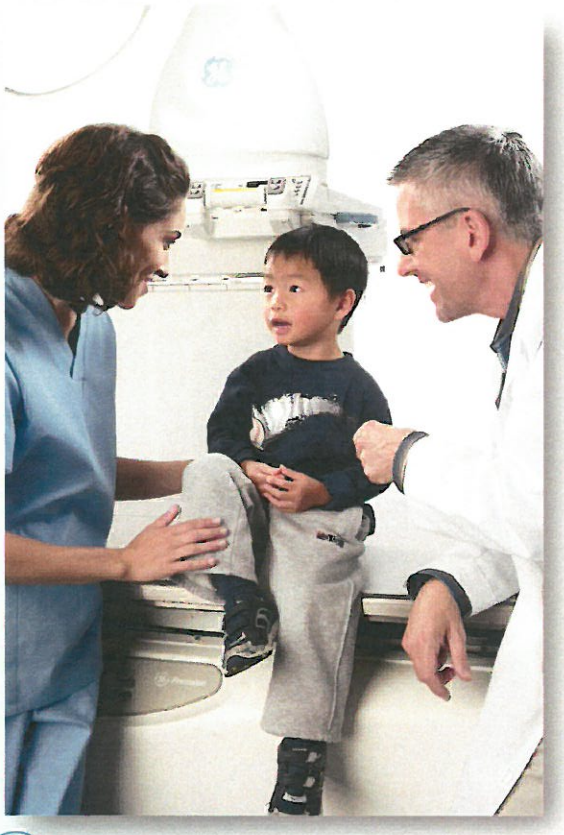
- Complete control at your fingertips
- Easy patient access and positioning
- Integrated Digital Radiography and Fluoroscopy workflow

Integrated workflow



Precision 500D – Dose Management

GE Healthcare designs R&F systems with a simple goal: To give you **optimum image quality** at the **lowest possible dose**



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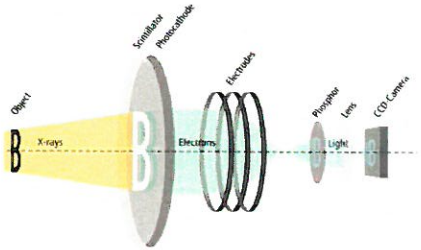
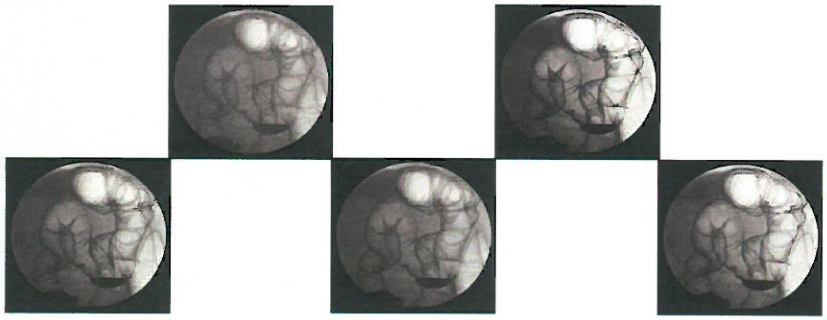
- **AutoEx**
- **Pediatric Mode**
- **Virtual Collimation**
- **Spectral Filters**
- **Pulsed Fluoroscopy**
- **Fluoro Noise Reduction**
- **Smart Fluoro / Image Averaging**

Additional dose management solutions include:

- Dose Tracking
- Last Image Hold
- Image Store
- Fluoro Loop Store
- Bucky Grid
- Enclosed Table Design

Exceptional Image Quality at Low Dose





Generate images of extraordinary clarity

- **12-bit CCD Camera**
  - ↳ Increases gray scale resolution
  - ↳ Allows enhanced visualization of unique details in shadowed areas
  - ↳ More dynamic range
- **1024 x 1024 imaging matrix**
  - ↳ Excellent acquisition resolution means better image quality
- **Custom looks and protocols**
  - ↳ Images processed the way you want to see them
- **ABC and Dynamic Range circuitry**
  - ↳ Maintains contrast and minimizes blooming

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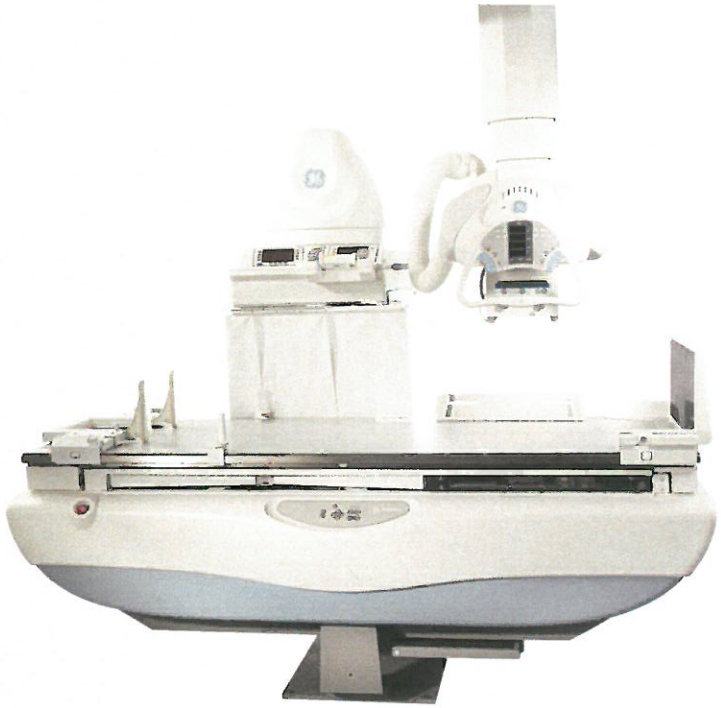
Precision 500D – Focused on Safety



- Bolus and compression locks
- Mechanical locks
- Cone locks
- HIPAA login screens
- Monitor dose displays
- Uninterruptible Power Supply (UPS)
- Intelligent table tilting
- Integrated footstep

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The Precision 500D

Surprisingly Simple

Affordably Advanced

Proven Reliability ...

... and now fully digital

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Wireless DR Imaging Option

Precision 500D – Wireless DR Imaging Option

We know why Going Digital Makes Sense

- Increased patient throughput
- Improved image quality compared to CR and Film
- Lower radiation dose compared to CR and Film
- Improved workflow
- Faster image availability
- Helps decrease retakes

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Precision 500D – Wireless DR Imaging Option

And why going digital with your Precision 500D is sensible

Cost effective transition to digital

- Allows incremental access to digital
- Utilizes shared detector as an asset for the future

GE solution for GE customers

- Backed by GE service, manufacturing, and applications in a simple package
- Designed with GE's latest digital detector technology

Improved Workflow

- Wireless portable detector
- Touchscreen monitor for quick protocol selection, image manipulation and PACS transmission

Easy Upgrade

- Little downtime
- No tear out

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Precision 500D – Wireless DR Imaging Option

FlashPad

GE's next generation wireless digital detector

- Advanced Application Capable
- Ultra Wide Band Technology
- Designed for Digital
  - Square design
  - Comfortable handling
  - Durable construction
  - High IQ, Low Dose

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Precision 500D – Wireless DR Imaging Option

FlashPad

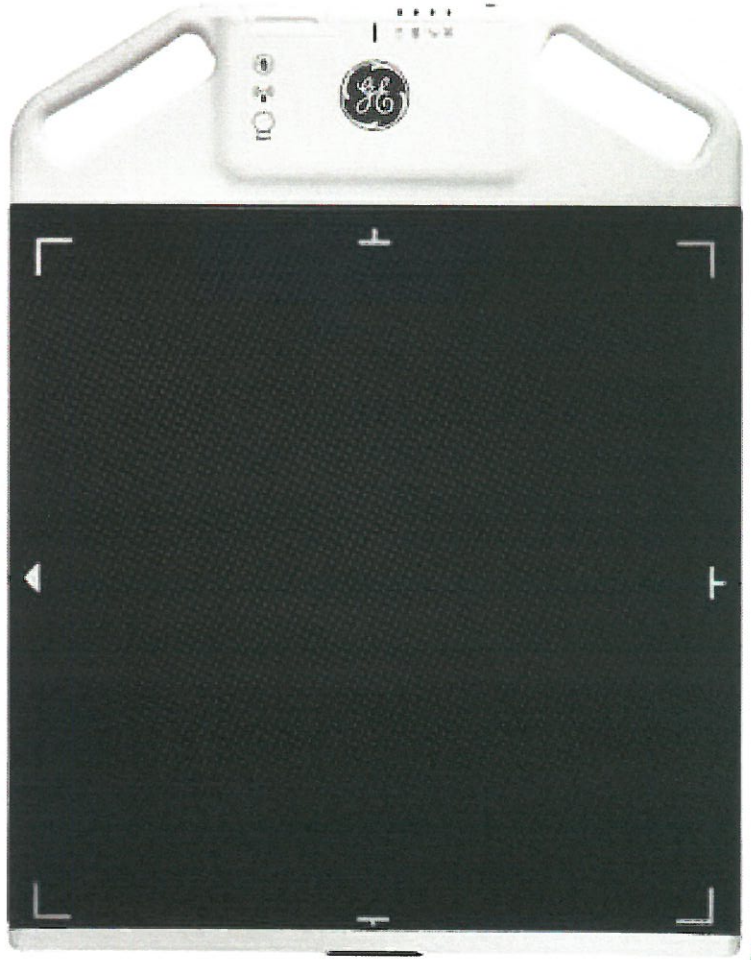
Advanced Applications Capable

FlashPad supports Advanced Applications* when paired with a premium GE digital radiography system

Do more with X-ray now and in the future

How it enables Advanced Applications:

- Multi-frame imaging at high frame rates
- High quantum efficiency / low noise characteristics
- Single panel (non-tiled) amorphous silicon detector with a Cesium Iodide scintillator



* VolumeRAD and Dual Energy Subtraction not available on Precision 500D

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Precision 500D – Wireless DR Imaging Option

FlashPad

Ultra-Wideband Technology

An *independent* communication technology

Fast... Reliable... Secure

UWB benefits include:

- High Data Rate
- Short Range
- Low Power
- Non-Interfering
- Peer to Peer Communication

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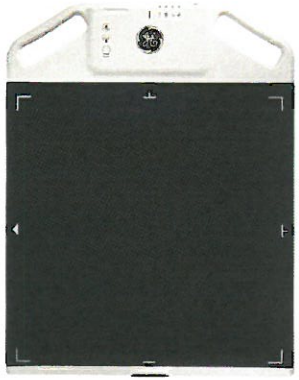
Precision 500D – Wireless DR Imaging Option

FlashPad Inside

Designed For Digital



Square

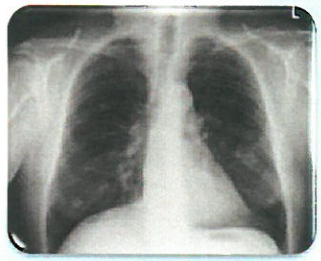
- 16 x 16 active image area
- 8% more image area than 14 x 17 cassettes

Two Handles

- Easy positioning
- Secure grip
- Comfortable handling

Durable Design

- Floating imager on shock mounts
- Carbon Fiber Housing
- 352 lbs distributed weight



High IQ, Low Dose

- DQE 68% typical @ 0lp @ RQA5
- 200 µm pixel pitch, 2k x 2k resolution
- Dynamic range 7.8 mR typical @ RQA5

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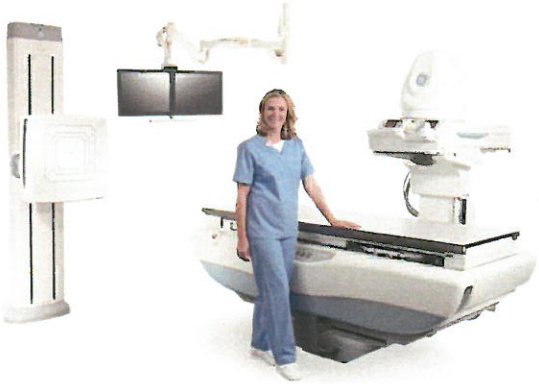
Precision 500D – Wireless DR Imaging Option

Standardized Design

Portable in Precision 500D

Sharable with multiple Precision 500D systems



Shareable with multiple compatible systems

Proteus XR/a

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Precision 500D – Wireless DR Imaging Option

Advanced image processing

More than CR replacement

- ✓ Tissue equalization
- ✓ Auto shuttering
- ✓ Smart window
- ✓ EMI reduction software

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Precision 500D – Wireless DR Imaging Option

FlashPad

Flexible - can be shared between compatible GE X-ray systems

Lighter - 3 pounds lighter than GE's previous detector

Always Ready - multiple batteries plus the ability to charge in bin

Secure - independent, UWB wireless protocol

High Image Quality - high DQE at low dose and low noise

Portable - design to go where you need it to go

Advanced Apps Capable - capable of high frame rate imaging

Durable - carbon fiber housing and shock mounts protect internal floating sub-assembly

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System Components and Layout

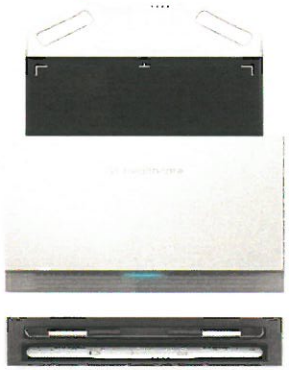
Precision 500D – Wireless DR Imaging Option

Detector

2 batteries
1 tether (7m)

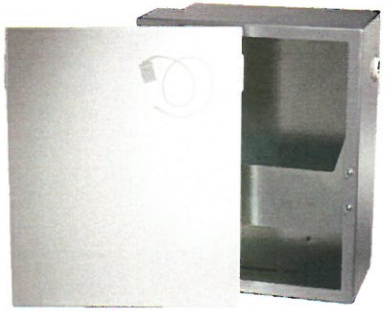
Detector bin

Detector and grid storage allows to charge



Tether Box

Tether storage



Battery charger

DR Console

Computer & touch screen

PDU

Antenna box

UWB antenna
Ethernet connection
to computer

Bar Code Reader Optional

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Precision 500D – Wireless DR Imaging Option

System Options

Lateral Detector holder

Portable Detector holder

Additional batteries & charger

Repeat Reject Analysis Software

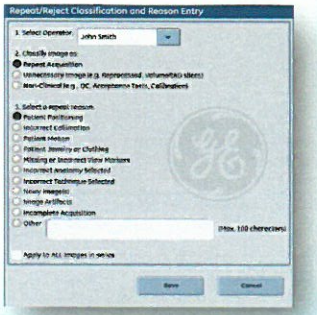

Table grids

- 100cm focus 12:1 70 l/cm
- 130cm focus 10:1 70 l/cm

Wall stand grids

- 130cm focus 10:1 70 l/cm
- 100cm focus 13:1 70 l/cm
- 180cm focus 13:1 70 l/cm

Snap on grids

- 130cm focus 6:1 70 l/cm
- 130cm focus 8:1 70 l /cm

Additional tethers

- 4, 7 and 10 meters

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Precision 500D – Wireless DR Imaging Option

Touchscreen and mouse driven UI console

- CPU (16,000 image storage)
- 19" Single touch screen
- DVD-RW drive
- Alphanumeric keyboard
- Bar code reader (Optional)

Table or wall mountable

Provides image display and manipulation

DICOM transfer

HIS/RIS worklist management

System Console

The acquisition workstation offers a full range of automated image display, processing and annotation functions

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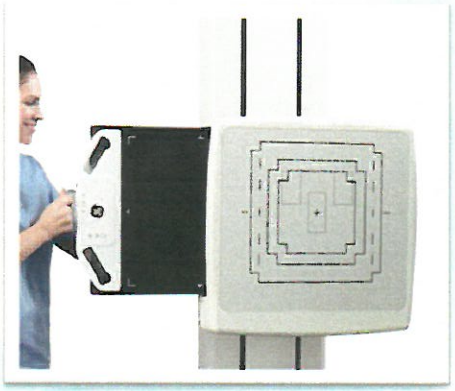
Precision 500D – Wireless DR Imaging Option

Replaces the existing cassette tray and houses the digital detector on the wall stand and table Bucky

- Wallstand and/or table
- Replaces current cassette tray
- Provides detector support
- Allows easy access for battery change

Detector Tray



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Precision 500D – Wireless DR Imaging Option

A wide range of grids provides reliable image quality and the ability to support different customer preferences

Table fixed grid+ options

- 100cm focus 12:1 70 l/cm
- 130cm focus 10:1 70 l/cm

Wallstand fixed grid + options

- 130cm focus 10:1 70 l/cm
- 100cm focus 13:1 70 l/cm
- 180cm focus 13:1 70 l/cm

Snap on grid options

- 130cm focus 6:1 70 l/cm
- 130cm focus 8:1 70 l /cm

+ Table and Wallstand grids are chosen at installation time and can not be swapped

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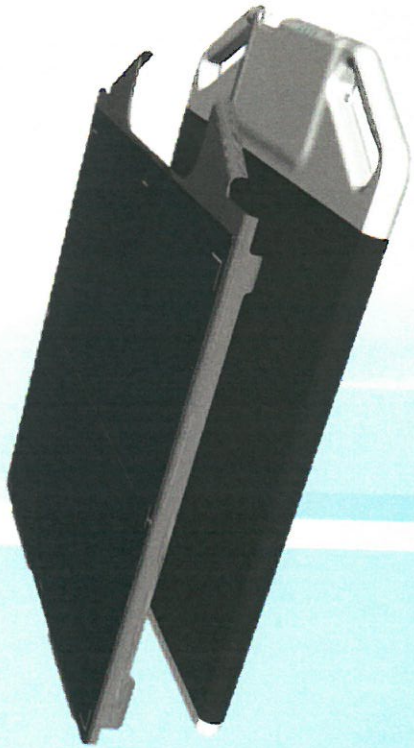
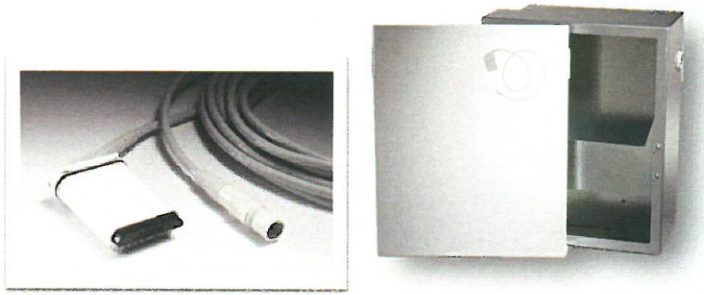
System Grids



Precision 500D – Wireless DR Imaging Option

Detector Bin

- Stores the detector when not in use
- Stores the snap on grid when not in use
- Provides detector charging
- Can be located in the exam room or in the control room



Tether & Box

- Stores the tether when not in use
- Provides connection point in the room if the tether is used
- Length options: 4m, 7m or 10m

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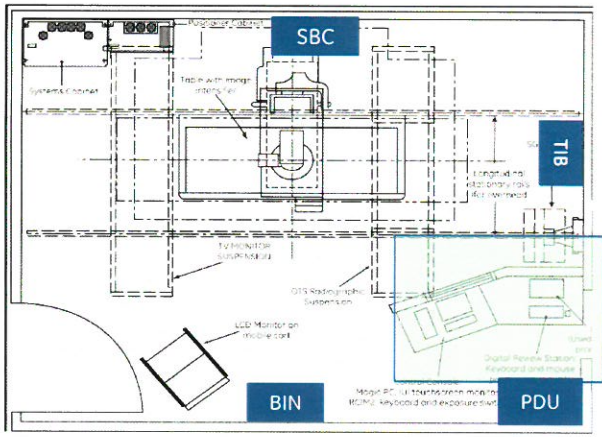
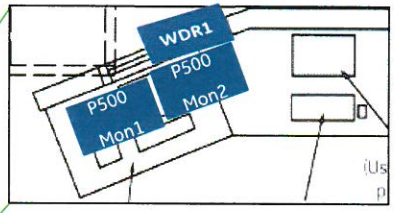
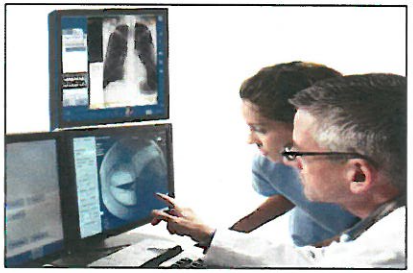
Typical Room Layout

Precision 500D





Control room



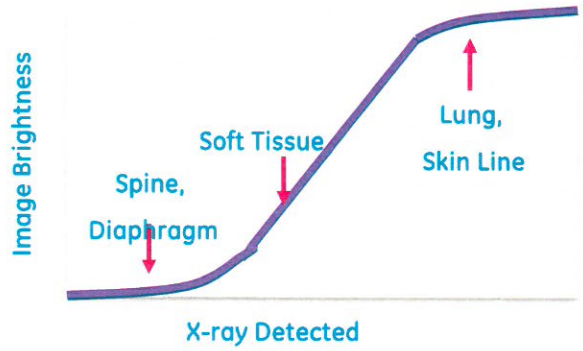
Advanced image processing

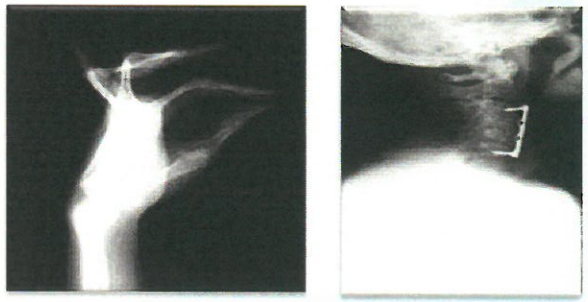
- ✓ Tissue equalization
- ✓ Auto shuttering
- ✓ Smart window
- ✓ EMI reduction software

Tissue Equalization

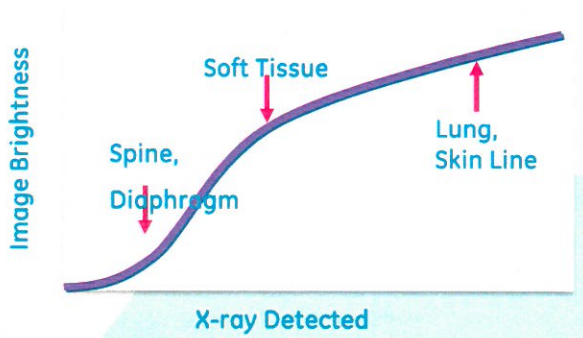
- Visualization of throat and C7-T1
- Reduction of total dose for C-spine (1 exposure only)
- Helps reduce retakes and manage dose

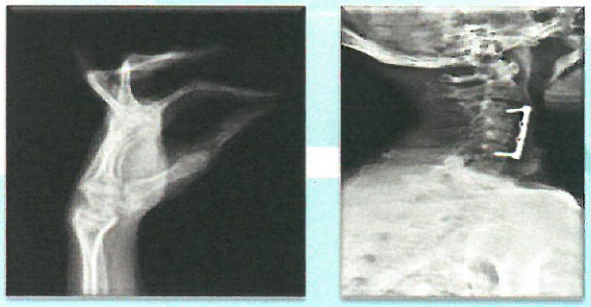
Film Look





TE Look





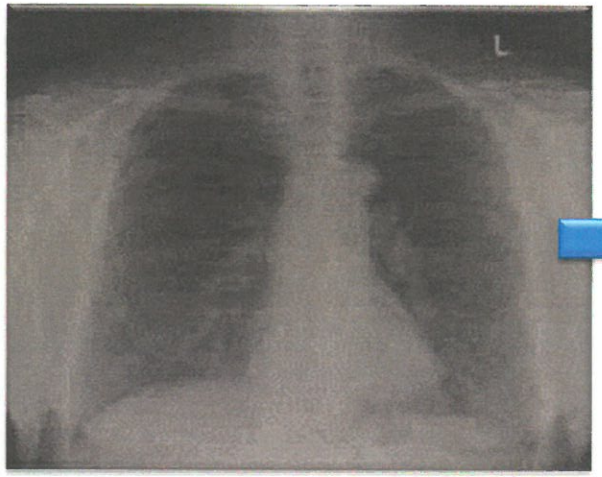
Auto Shuttering

Intelligent Collimator Edge Detector (ICED): Algorithm that automatically detects collimator edges and adjusts to the selected field of view

A fully automated algorithm that relies solely on image information to locate collimation edges present in an x-ray image

Smart Window

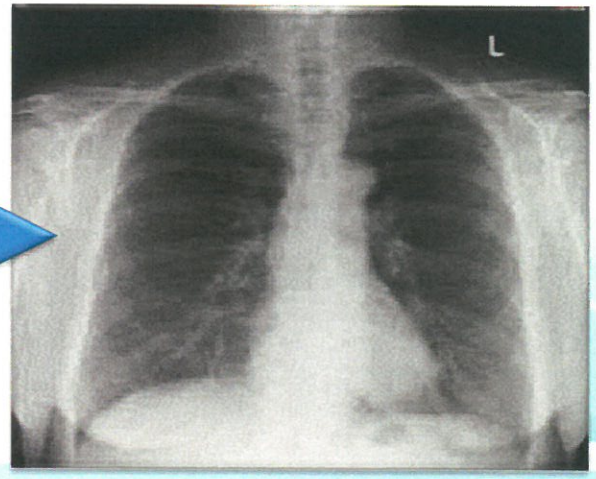
Smart Windowing: automated, image-based, and technique independent method of determining brightness and contrast for image display



Processed Image
(after MR, TE, etc.)

Window Level

Window Width



Displayed Image

EMI reduction software

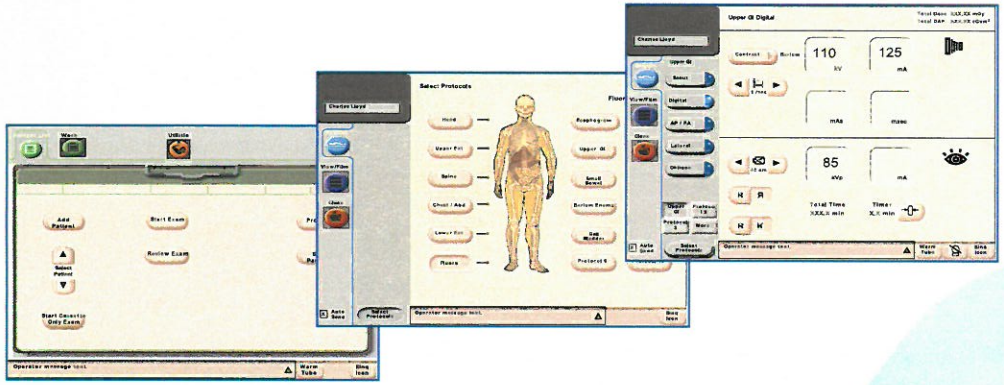
Ability to remove electromagnetic interference if present in the image

Can be enabled/disabled

Precision 500D
Surprisingly simple to use

Quick exam set-up gets you into the exam room fast

- Dual monitor design provides user-interface touch screen on left and digital image review + RIS/HIS patient selection screen on right
- Touch screen improves throughput through easy exam set-up
- Touch screen controls all functions and techniques plus facilitates image review and post-processing adjustments



It's as easy as 1-2-Go!

1. Add Patient
2. Pick Exam
3. Select Procedural Protocol

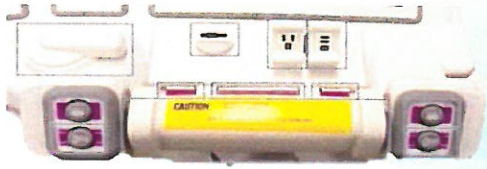
Only two buttons on the touch screen monitor and you're ready to go!

imagination at work

Precision 500D – Ease of Use

Complete control at your fingertips!

- Coordinate overall system management at tableside
- Same tableside interface as the Legacy family
- Finger tip controls grouped by frequency of use
- Ambidextrous design
- 4-way Power Assist SMART Handle makes movement effortless
- Dual displays designed for easy visibility – tilted forward 30° and rotate when table is vertical
- Table-side controls
- Dual in-room monitors for image reference and live fluoro review (optional)



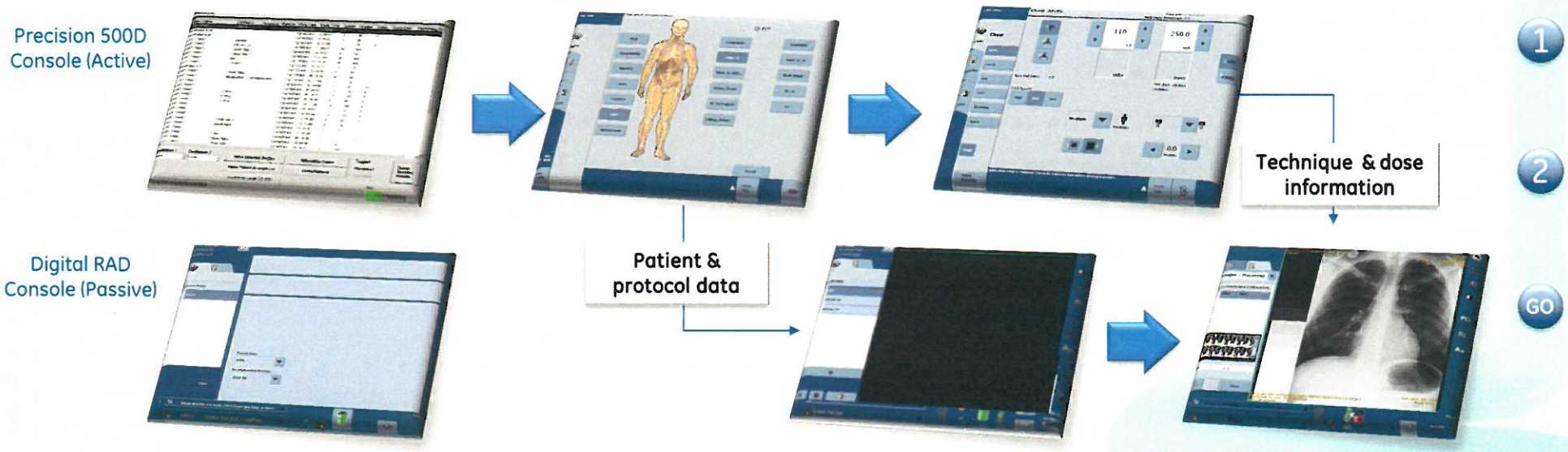
imagination at work

Facilitating patient access and positioning

- Durable table design – can hold up to 500 lbs in the horizontal position and 300 lbs in tilting positions
- Tableside patient access – 30 inches of longitudinal travel in each direction
- Tableside controls – centered on the table and always within reach
- Integrated footstep for easy patient loading and unloading
- Flat table top doesn't trap fluids and facilitates easy cleaning
- Enclosed tub design protects against scatter radiation and spillage. Facilitates easy clean-up
- "Next Step" allows activation of OTS at tableside

Digital System Workflow

Acquisition Management Screens

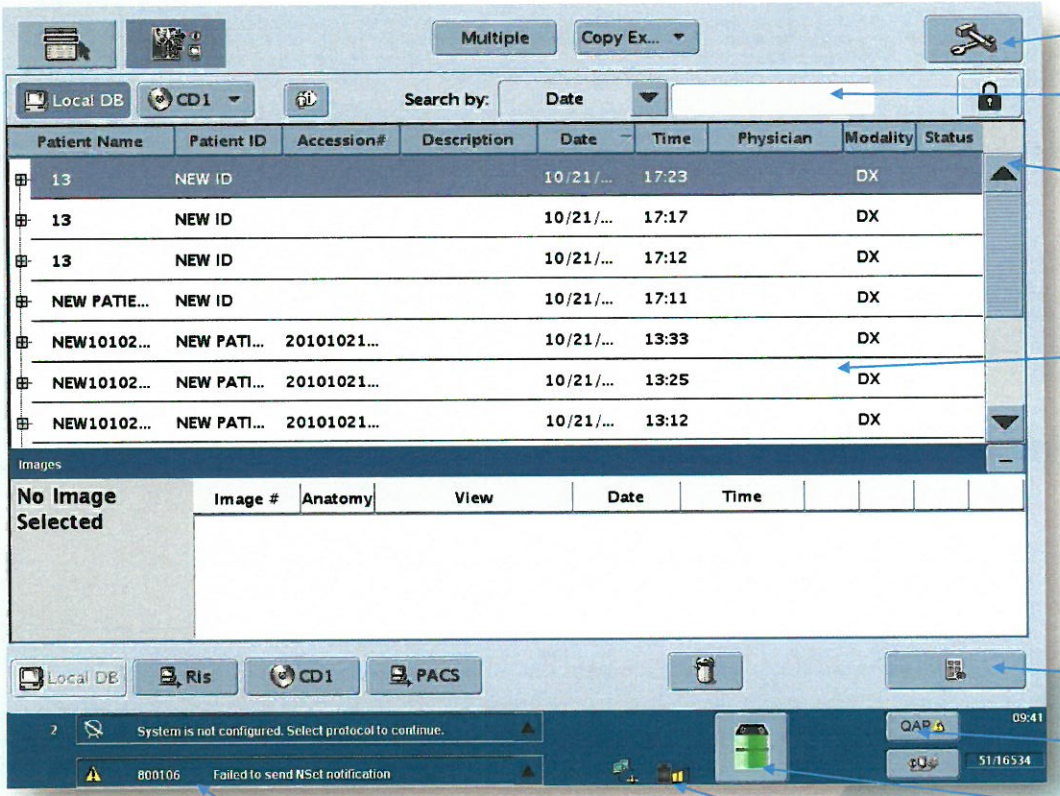


Acquisition - fully integrated solution

- HIS/RIS to Precision 500D to DR Imaging system
- Fluoroscopy & DR procedures from the same console
- Automatic patient dose reporting
- One study- exam close

- Intuitive and common across DR platform
- Patient and protocol selection from one unique console
- Different from CR, no redundancy
- Simplified and seamless workflow

Image Management Screen



Working screen selection

Image database source and search by selection

Image list sort selection

Image list area

Copy/Delete images

Perform QAP

Detector mode and remaining charge

System status and inhibit indicator

Signal Strength

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Image Review Screen

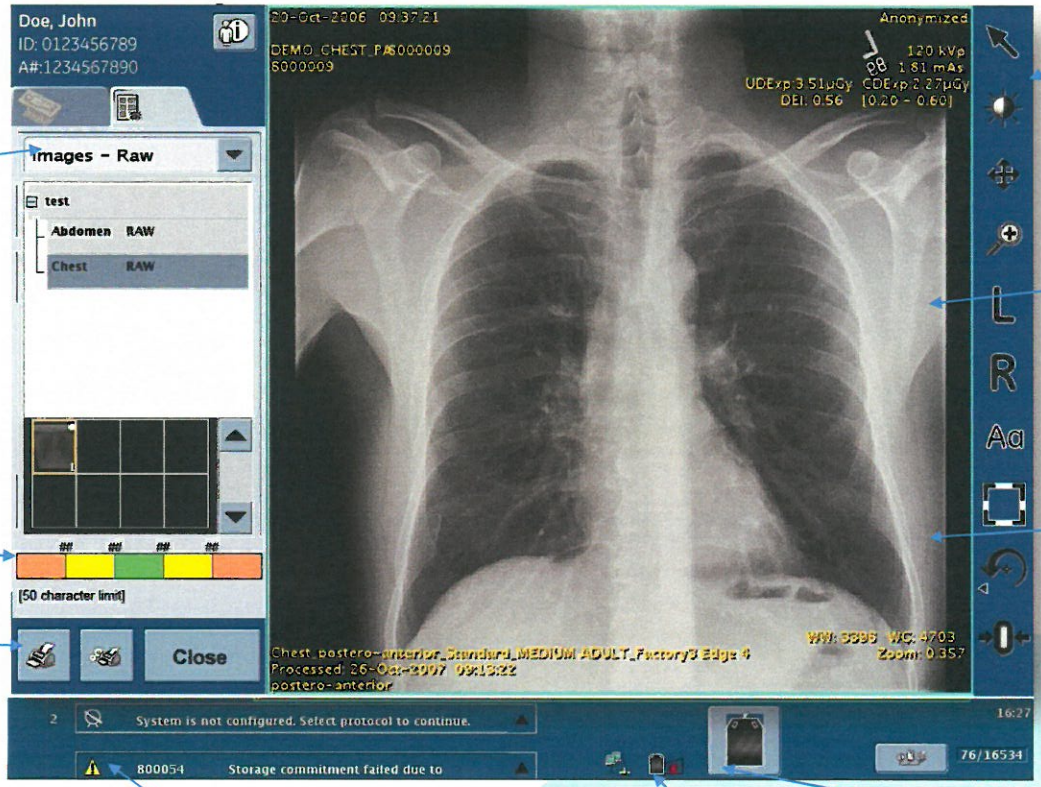

Image tools panel (display, re/process, format/zoom, annotate, print)

DEI indicator

Print

Mouse/Pointer controls

Point and click annotation

Image orientation

System status and inhibit indicator

Signal Strength

Detector mode and remaining charge

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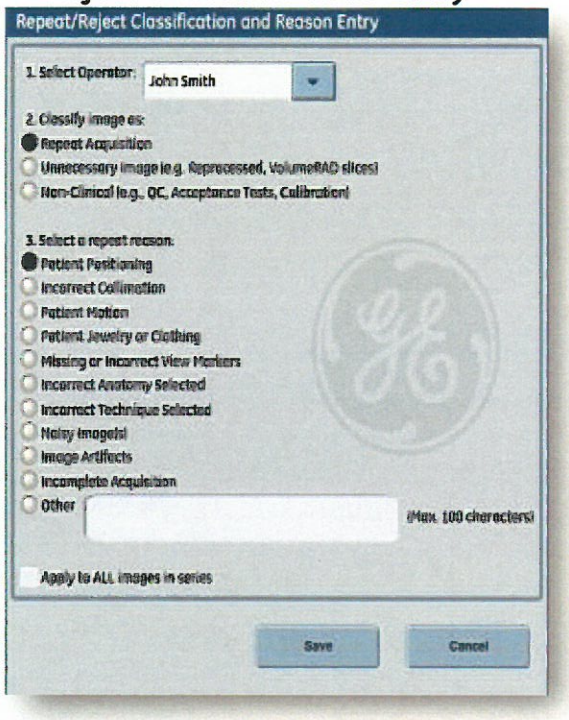
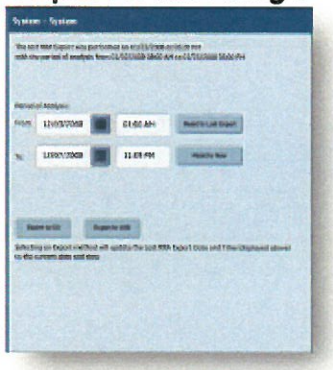
Repeat & Reject Analysis Software

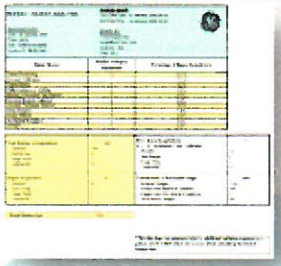
Reject & Reason Code Entry



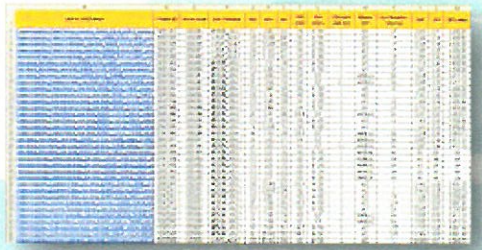
Export Date Range



CD or USB



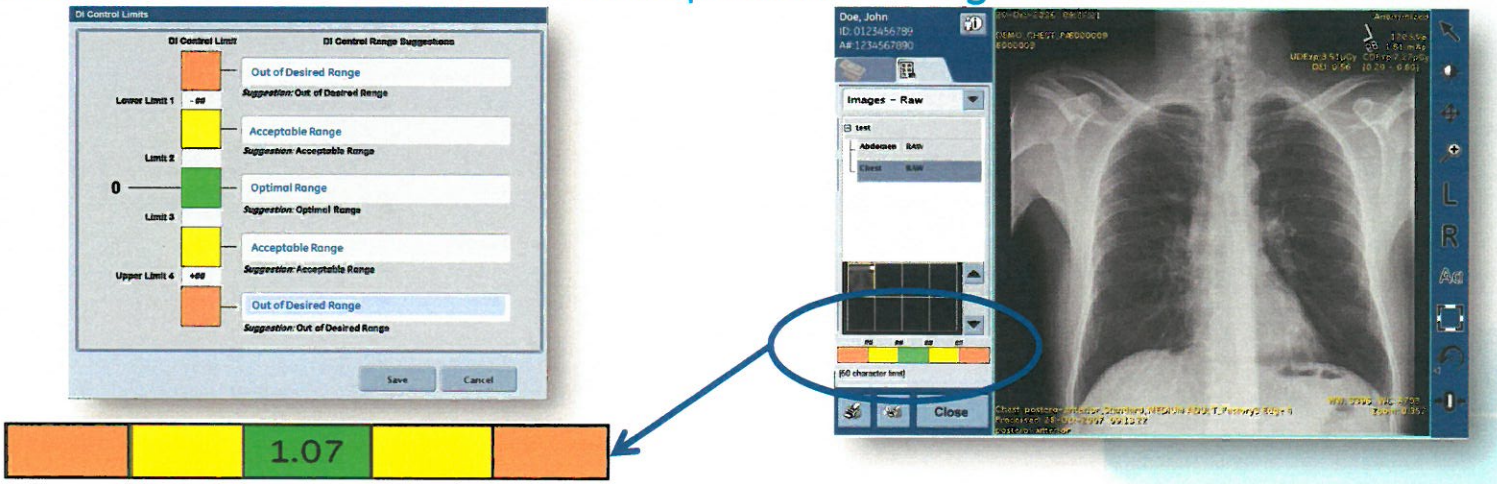
Analysis Report (PDF)



Exported data (XLS) with JPG images

Detector Exposure Indicator v2

A visual indicator providing feedback on the amount of exposure received at the detector versus what was expected for a given anatomical view



- Consistent with IEC 62494-1:2008 requirements for DR exposure index
- 5 ranges with user customizable limits and text notifications
- Data stored in DICOM header and QA Reporting Tools (RRA)
- DI limits are set based on Anatomy, View, Patient Size
- Allows logging of DI value and ability to export log

Dose reporting

- Dose display that can be enabled/disabled
- Added to DICOM header when used
- Automatically transferred from Precision 500D to DR console
- Repeat Reject Analysis

Precision 500D
Fluoroscopy Dose Management

AutoEx

Automatically selects optimized exposure parameters based on patient thickness, field of view and contrast media. On-the-fly adjustments optimizes technique efficiency and ensures consistently clean, high quality images without overexposing the patient

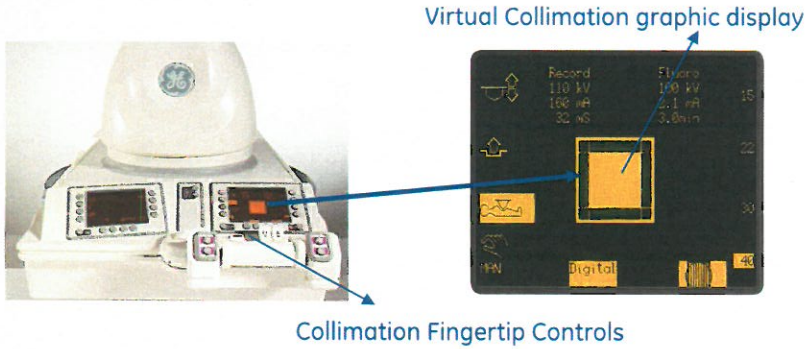
- Automates technique adjustment decision making
- Provides consistent image quality from system to system, operator to operator, image to image
- Leading to advanced dose reduction
- Reduces system complexity and minimizes user error
- Helps improve user confidence and reduce procedural errors
- Reduces system turnover and technologist training time

AutoEx – with Pediatric Mode

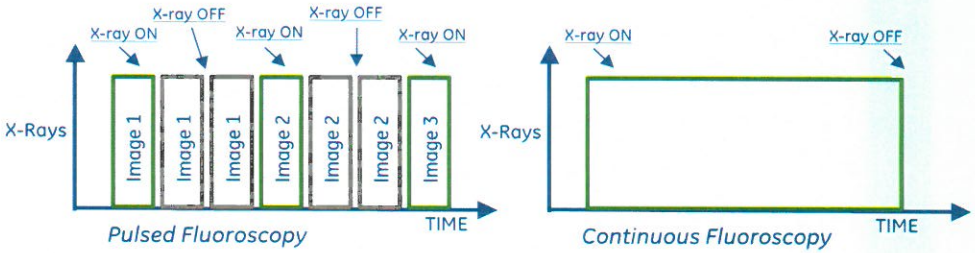
- A special pediatric imaging mode for small patients that's integral to the As Low As Reasonably Achievable philosophy
- Leverages the dynamic exposure optimization algorithms found in our proprietary *AutoEx* technology
- Pediatric mode is a separate family of dose trajectories used in *AutoEx*
- Maximum dose value in pediatric mode is limited to 5R/minute
- Allows for significant dose savings: 20% – 45% less than in the standard imaging mode with virtually no loss in image quality and up to 75% when combined to pulsed mode fluoroscopy

Precision 500D – Dose Management

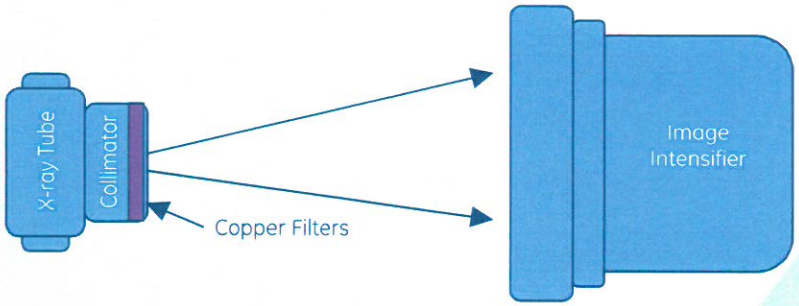
Virtual Collimation



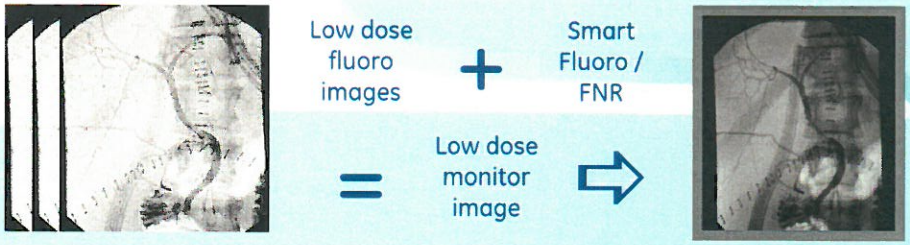
Pulsed Fluoroscopy



Spectral Filters



Smart Fluoro / FNR

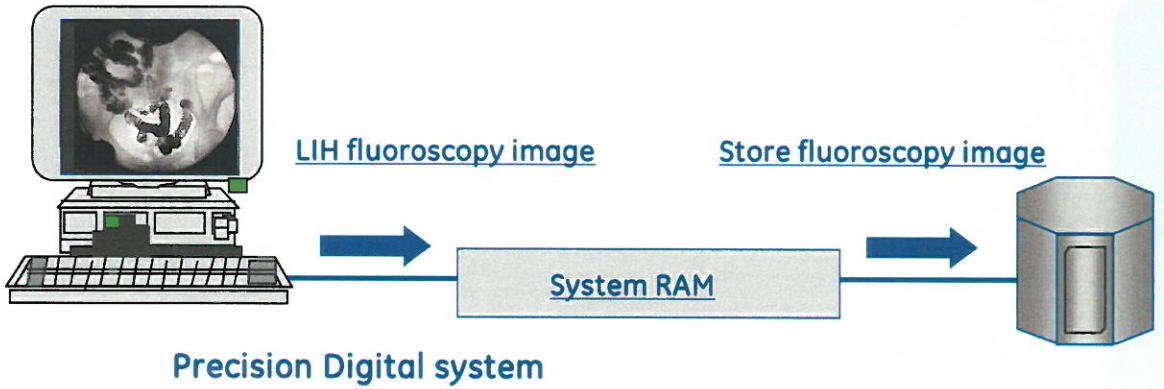


imagination at work

Additional Dose Savings Solutions Include:

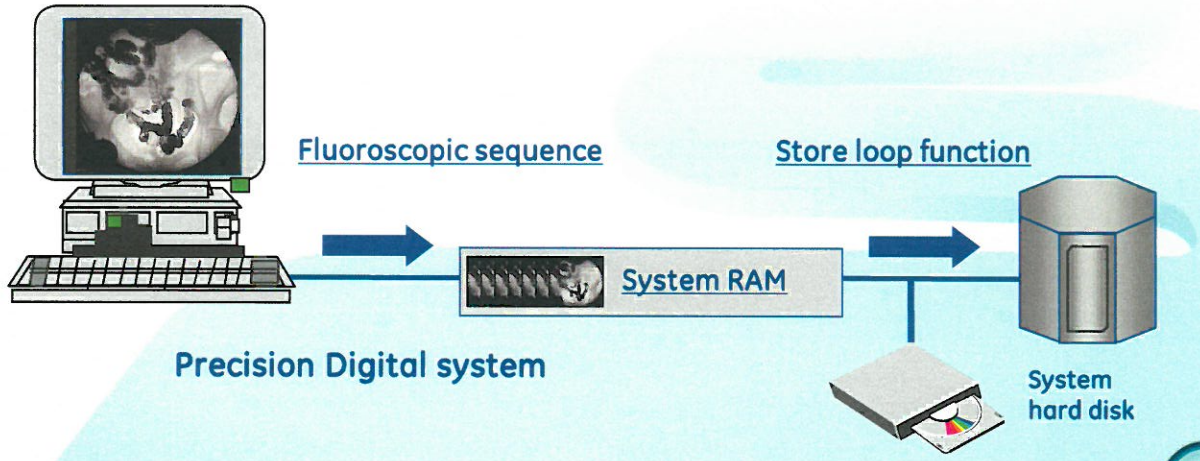
Last Image Hold (Smart Store)

- Stores last low dose fluoro image to the hard disk without necessitating additional exposure for a digital spot or record image



Fluoro Loop Store

- Fluoro loop images are stored to system RAM at a maximum rate of 256 images. Fluoro loop store button sends the last loop to the hard drive and can be later sent to PACS



imagination at work

510(k) pending at FDA. Not available for sale in the United States

Additional Dose Savings Solutions Include:

Table Body – Enclosed tub design

- The table body is fully steel enclosed for radiation protection of patients and users, reducing scatter even with the table at 90 degrees

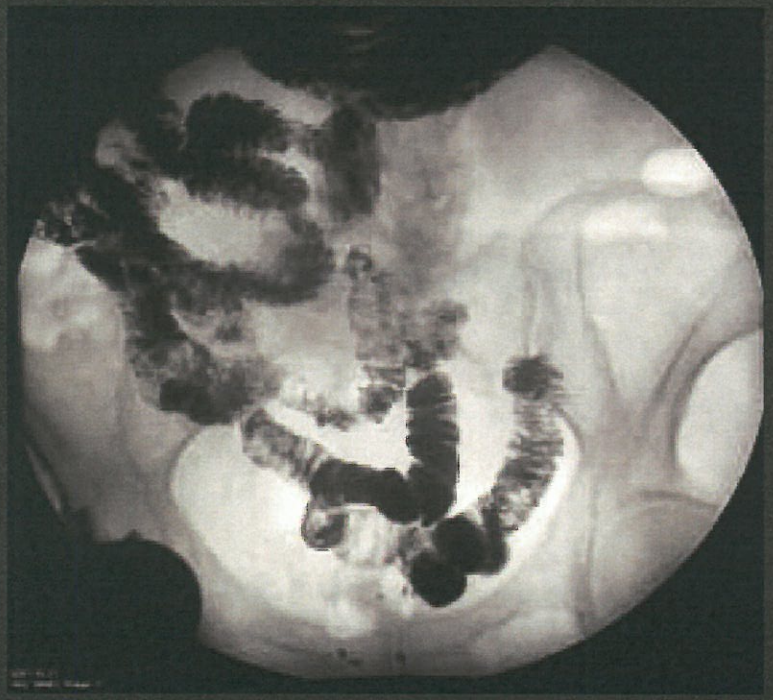
Smart View – Dose Measurement Analysis

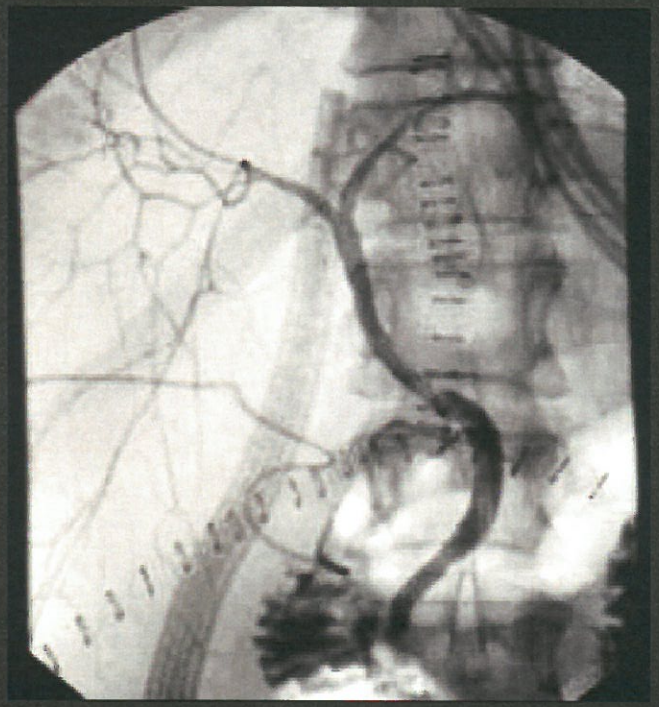
- The intelligent user interface (IUI) displays:
  - Total Dose (Skin Dose)
  - Total DAP
  - Total Fluoro Time
- The exam room monitor displays:
  - Total Dose (Skin Dose)
  - Total DAP
  - Fluoro Dose Rate

510(k) pending at FDA. Not available for sale in the United States

Fluoroscopy Image Quality

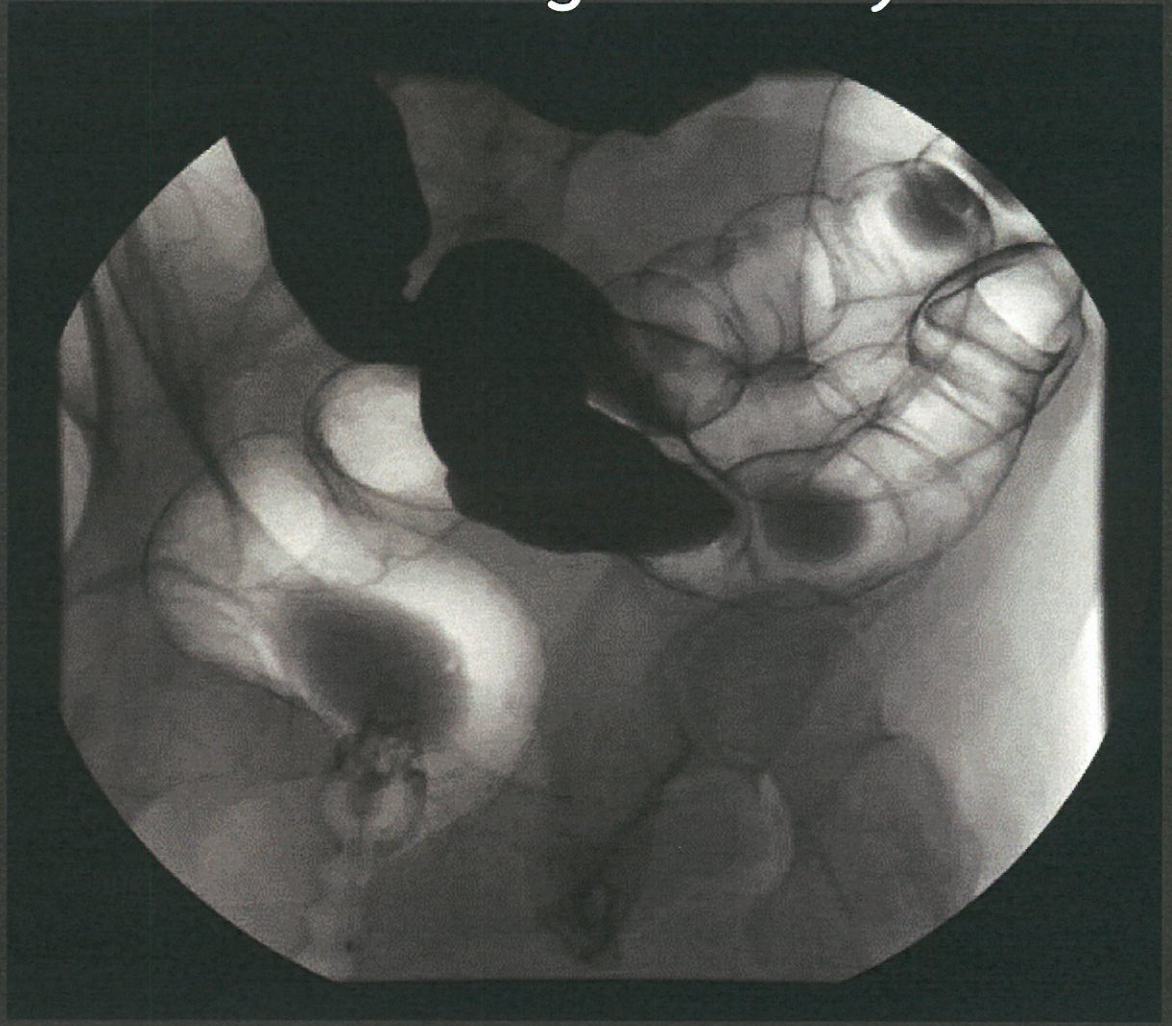
The Precision 500D – Image Gallery





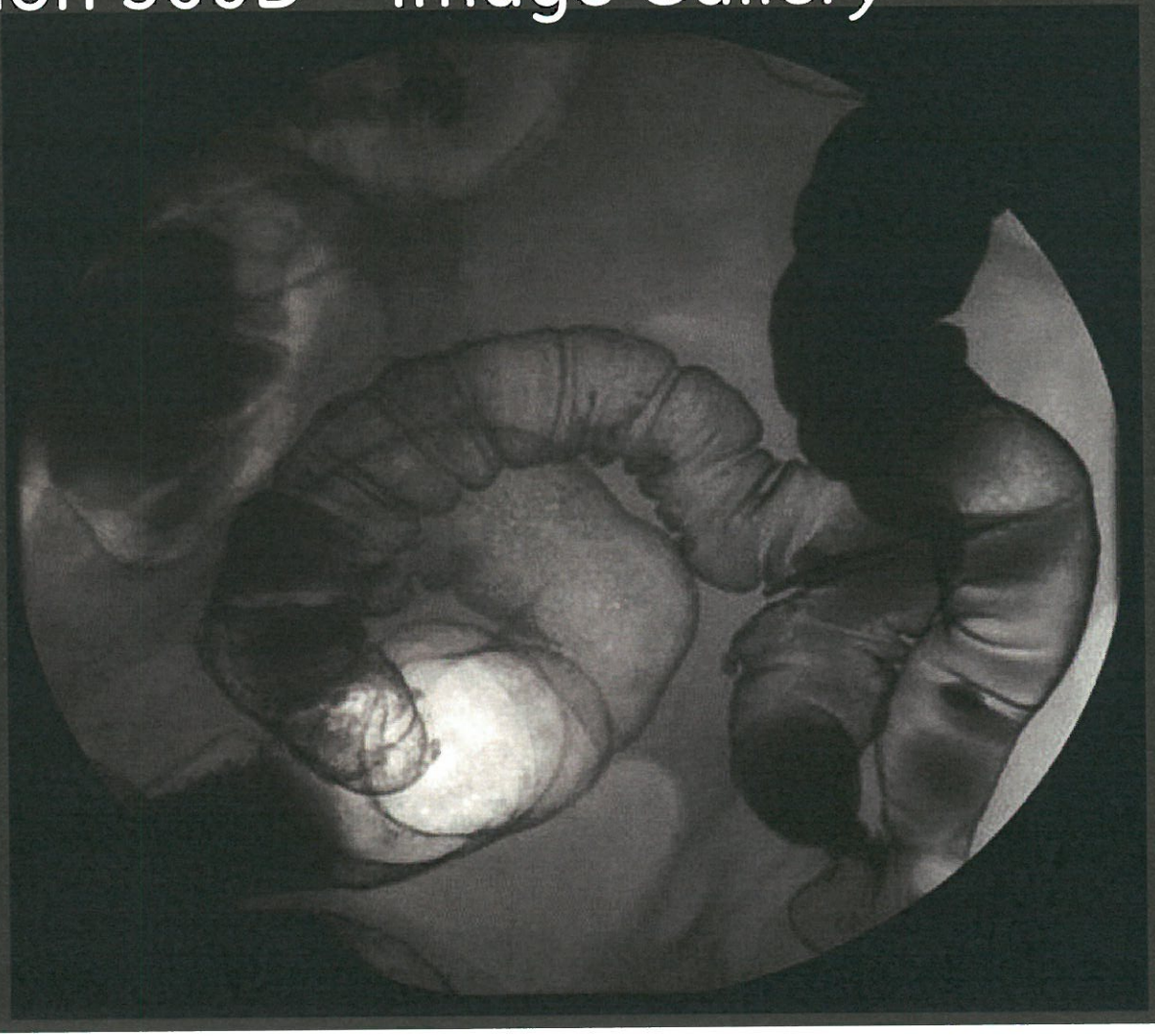
imagination at work

The Precision 500D – Image Gallery



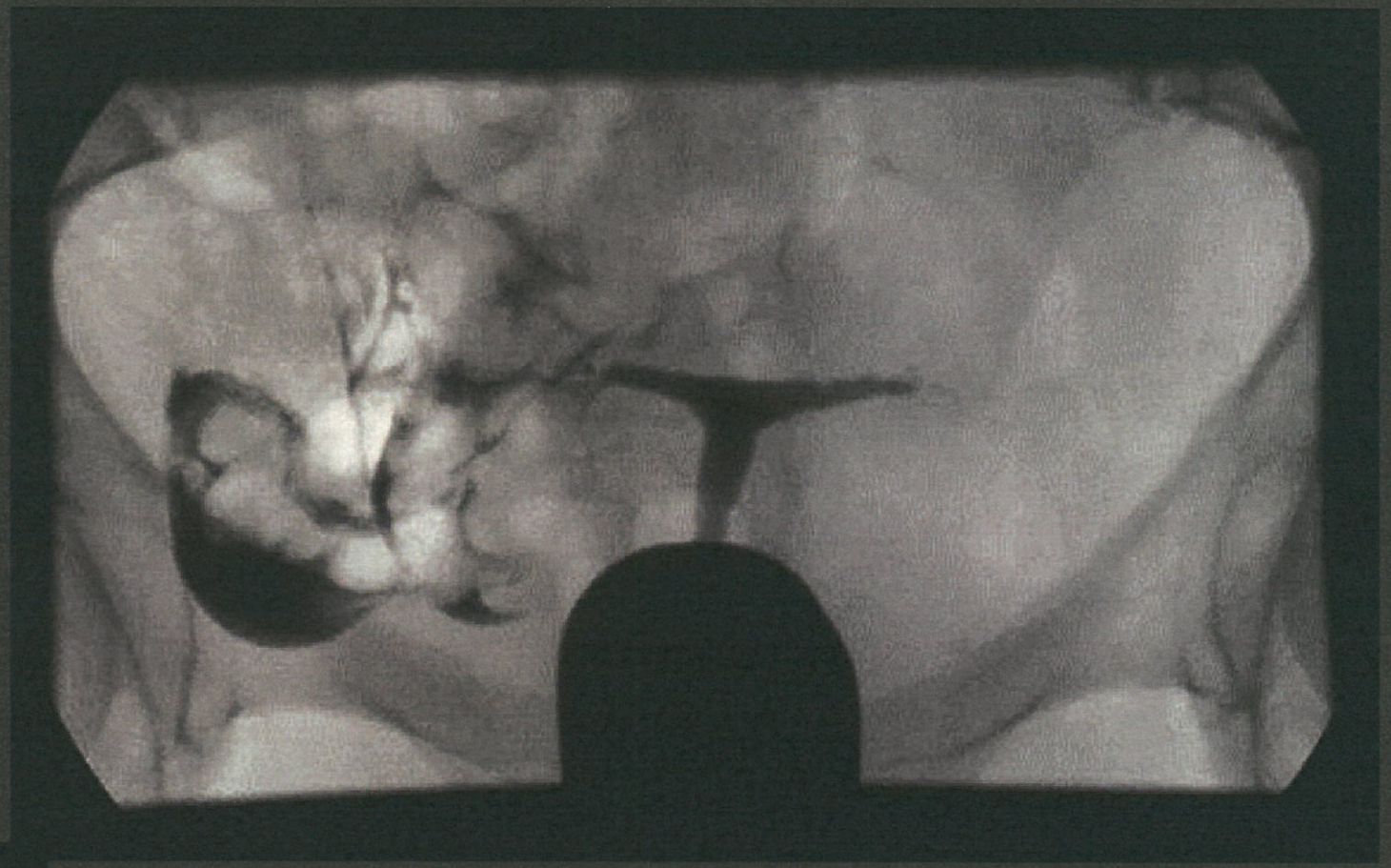
imagination at work

The Precision 500D – Image Gallery



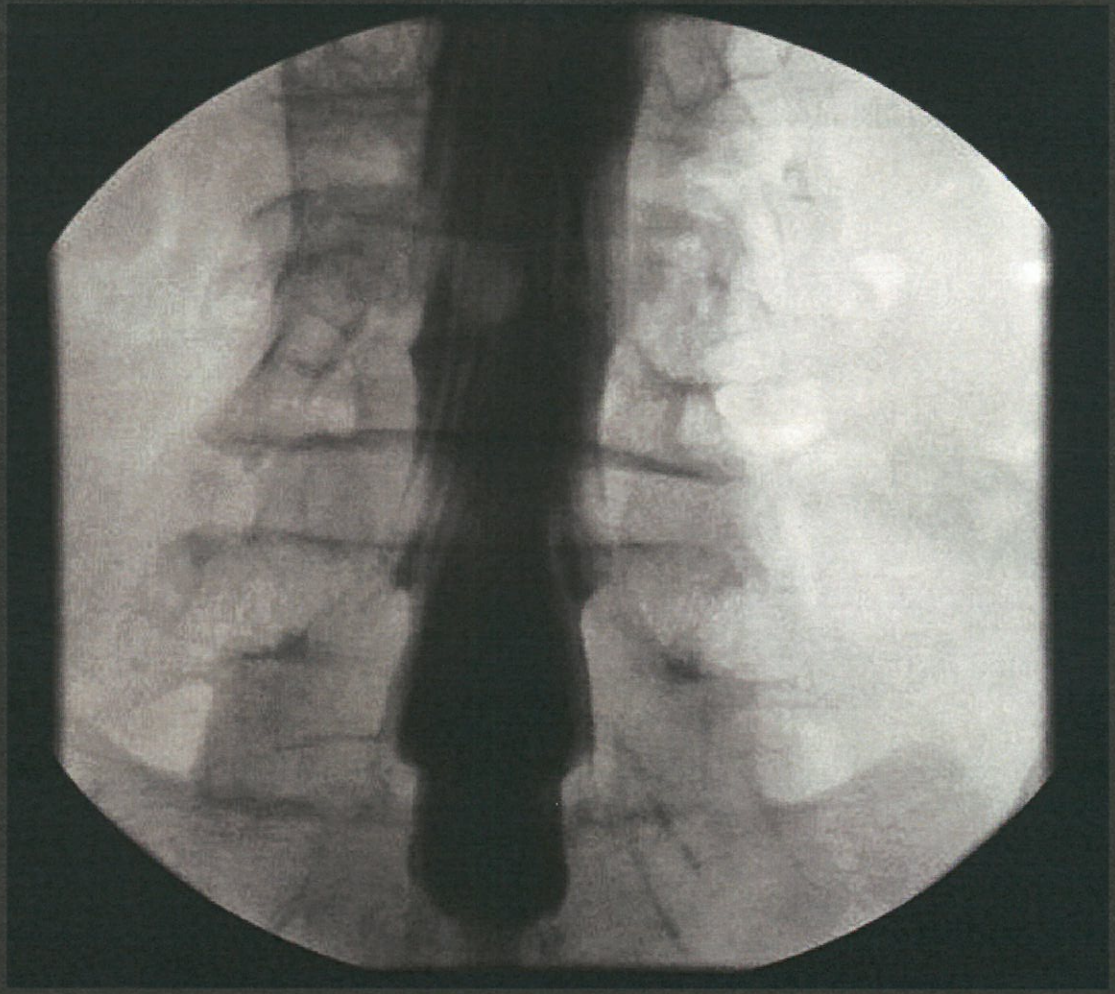
imagination at work

The Precision 500D – Image Gallery



imagination at work

The Precision 500D – Image Gallery



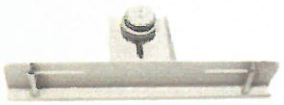
imagination at work

The Precision 500D – Image Gallery

imagination at work

Options and Accessories

Precision 500D – Options & Accessories



Cross Table Cassette & Grid Holder

Patient Positioning Kit

Remote Control Keypad

Table Shoulder Rest

Table Knee Crutches

Sony Medical DVD Player with Serial Keyboard

Table Head Clamp

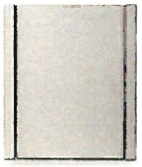
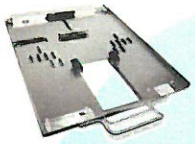


Table Accessories Rack

Myelogram Boots



Single Hand Loading Tray

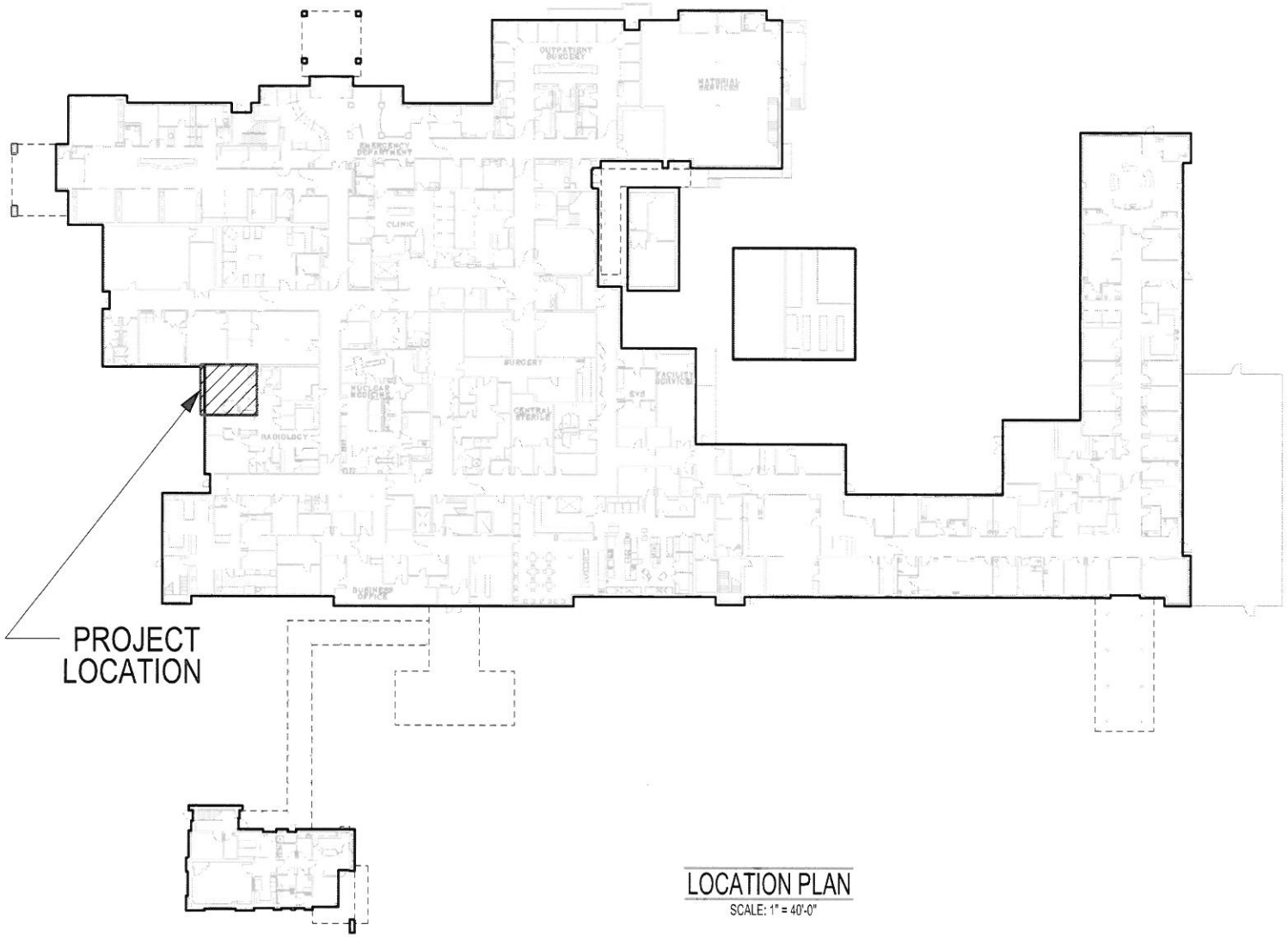
Bar Code Reader

imagination at work

DOC0882552

Appendix C

Site and Floor Plans



LOCATION PLAN

SCALE: 1" = 40'-0"

VIDANT HEALTH

FACILITIES + PROPERTIES
2100 STANTONSBURG ROAD
DOCTORS PARK #TC
GREENVILLE, NC 27834
(252) 847-4587 PHONE
(252) 847-8204 FAX

VIDANT CHOWAN HOSPITAL

EDENTON, NORTH CAROLINA

RAD ROOM #1

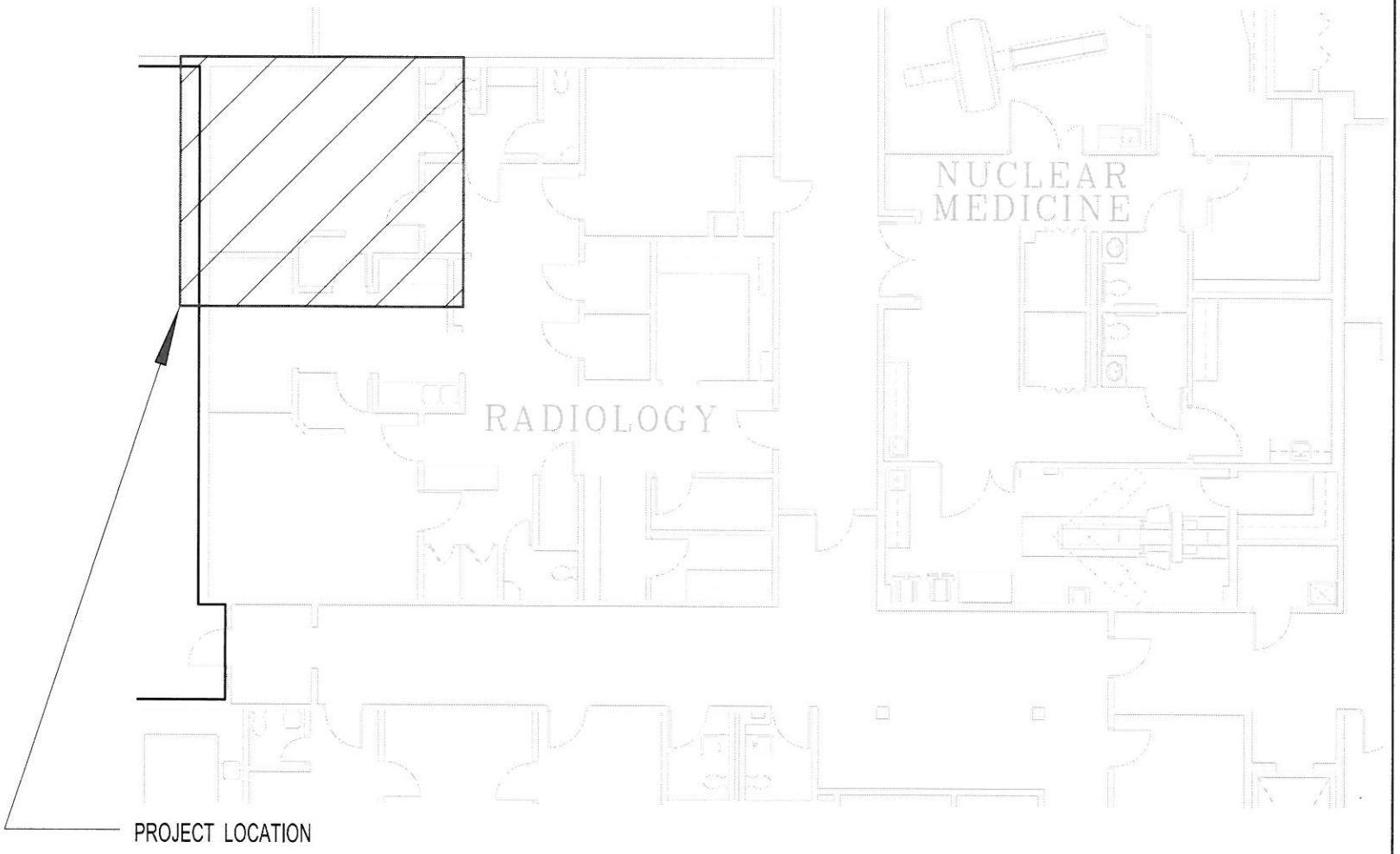
REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NO.	2017-4258
DATE	10/20/2017
DRAWN BY	

SHEET NO. 01 OF 03

A-01



FLOOR PLAN

SCALE: 1/8" = 1'-0"

VIDANT HEALTH

FACILITIES + PROPERTIES
2100 STANTONSBURG ROAD
DOCTORS PARK #1C
GREENVILLE, NC 27834
(252) 847-4587 PHONE
(252) 847-8204 FAX

VIDANT CHOWAN HOSPITAL
EDENTON, NORTH CAROLINA

RAD ROOM #1

REVISIONS

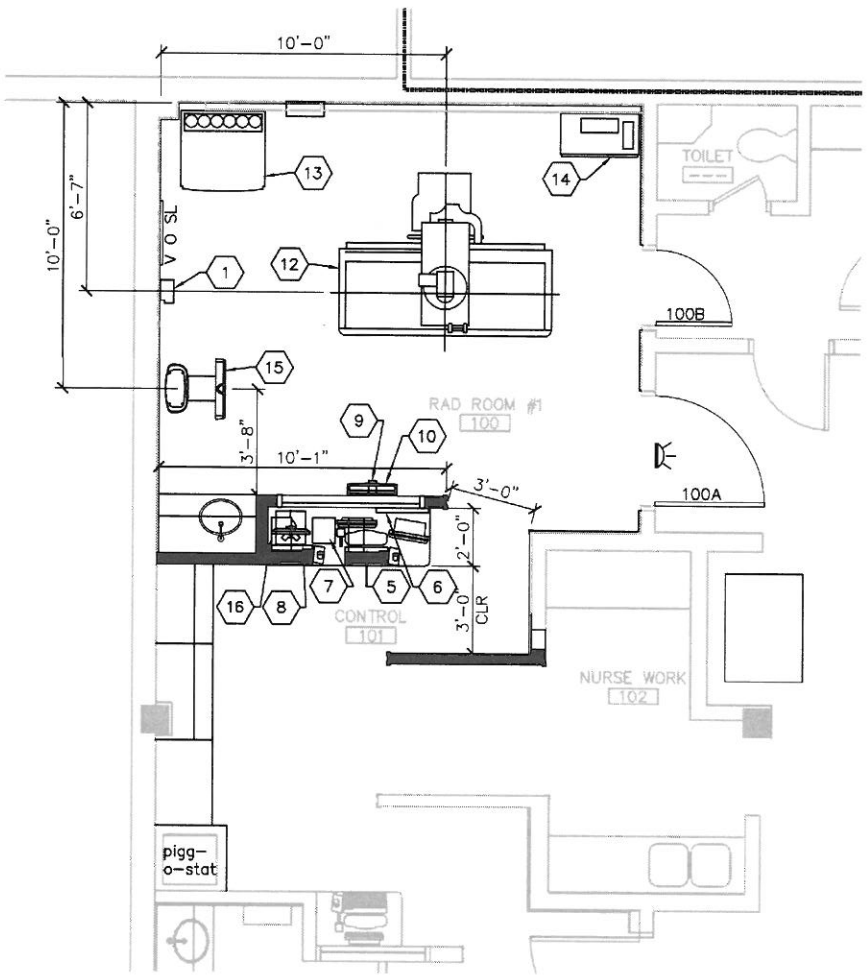
MARK	DATE	DESCRIPTION

PROJECT NO.	2017-4258
DATE	10/20/2017
DRAWN BY	

SHEET NO. 02 OF 03

A-02

FLOOR PLAN



FLOOR PLAN

SCALE: 1/4" = 1'-0"

VIDANT HEALTH

FACILITIES + PROPERTIES
2100 STANTONSBURG ROAD
DOCTORS PARK 61C
GREENVILLE, NC 27834
(252) 847-4587 PHONE
(252) 847-8204 FAX

VIDANT CHOWAN HOSPITAL
EDENTON, NORTH CAROLINA

RAD ROOM #1

REVISIONS

MARK	DATE	DESCRIPTION

PROJECT NO.	2017-4258
DATE	10/20/2017
DRAWN BY	

SHEET NO. 03 OF 03

A-03

EQUIPMENT PLAN

CAPITAL COST SUMMARY

Site Costs		
(1) Full purchase price of land	$ 0	
Acres 0 Price per Acre $_____		
(2) Closing costs	$ 0	
(3) Site Inspection and Survey	$ 0	
(4) Legal fees and subsoil investigation	$ 0	
(5) Site Preparation Costs [Include]		
Soil Borings		
Clearing and Grading		
Roads and Parking		
Sidewalks		
Water and Sewer		
Excavation and Backfill		
Termite Treatment		
Sub-Total Site Preparation Costs		
(6) Other (Specify)	$ 0	
(7) Sub-Total Site Costs		
Construction Contract		
(8) Cost of Materials [Include]		
General Requirements		
Concrete/Masonry		
Woods/Doors & Windows/Finishes		
Thermal & Moisture Protection		
Equipment/Specialty Items		
Mechanical/Electrical		
Sub-Total Cost of Materials	$ 96,000	
(9) Cost of Labor	$ 64,000	
(10) Other		
(11) Sub-Total Construction Contract		$ 160,000
Miscellaneous Project Costs		
(12) Building Purchase	$ 0	
(13) Fixed Equipment Purchase/Lease	$ 346,607	
(14) Movable Equipment Purchase/Lease	$ 0	
(15) Furniture	$ 0	
(16) Landscaping	$ 0	
(17) Consultant Fees		
Architect and Engineering Fees	$ 35,000	
Legal Fees		
Market Analysis		
CON Preparation		
Sub-Total Consultant Fees	$ 35,000	
(18) Financing Costs (e.g. Bond, Loan, etc.)	$ 0	
(19) Interest During Construction	$ 0	
(20) Other (Specify)	$ 0	
(21) Sub-Total Miscellaneous		$ 381,607
(22) Total Project Capital Cost (Sum A-C above)		$ 541,607

Appendix E

Existing Equipment Removal Letter

GE Healthcare Technologies

GE Healthcare
PO Box 414
Milwaukee, WI 53187

May 8, 2017

Tonya Williams
Radiology Manager
Vidant Chowan
211 Virginia Road
Edenton, NC 27932

RE: GE Precision 500d

Dear Tonya,

Thank you for allowing General Electric Healthcare (GEHC) the opportunity to earn your business. Vidant Chowan is a valued customer and we truly appreciate the partnership we share.

The purpose of this letter is to inform you that General Electric Healthcare will be responsible for removing your existing GE Precision 500d as part of your upcoming GE Precision 500d purchase and estimate the de-installation and removal will be completed at no additional charge to Vidant Chowan. Vidant Chowan will be responsible for the cost of any scan room construction/renovation, clearing the rig path, rigging costs, and opening the scan room access panel. We will work closely with your facilities planning department to insure proper timing of the de-installation. The system will be de-installed, removed, and shipped by our GE team to our Goldseal business in Waukesha, WI. We understand and confirm that this unit may not be returned to the State of North Carolina without proper authorization from the North Carolina Certificate of Need (CON) section of DHSR.

Thank you again for the opportunity to earn your business. If you have any additional questions, feel free to call me at any time.

Sincerely,

Nick Bengel
Imaging Account Manager, NC
General Electric Healthcare
414-238-7008
Nicholas.bengel@ge.com

Appendix F

Response to Required Questions

Responses to the Required Questions

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

   See equipment comparison table in Appendix B

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

   Radiography
   During a radiographic procedure, an x-ray beam is passed through the body. A portion of the x-rays are absorbed or scattered by the internal structure and the remaining x-ray pattern is transmitted to a detector so that an image may be recorded for later evaluation.

   The modern radiograph is usually a computerized image. It is the state of the art technique to look for community acquired pneumonia and congestive heart failure. Fractures and arthritis are commonly well imaged by radiography.

   Fluoroscopy
   When the X-ray beam is used with a video screen, the technique is called fluoroscopy. This allows physicians to visualize the movement of a body part or of an instrument or dye (contrast agent) through the body in real time.

   Fluoroscopy studies such as the upper gastrointestinal series are popular to evaluate patients with suspected gastroesophageal reflux and other problems such as swallowing difficulty.

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

   See the vendor quote in Appendix A for the specifications and Appendix B for the brochure of the new. Brochures for the existing equipment are no longer available.

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

   The original purchase order for the existing equipment no longer exist. The original unit was purchased on 2007.

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

   The existing equipment was purchased new. A title for the equipment does not exist.

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

   Not Applicable. The replacement equipment will be purchased new, not leased.

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

   See Appendix A for the complete quote for the replacement equipment from the vendor.

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

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

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

   The existing equipment is currently in service and is being used to perform radiography/fluoroscopy scans on patients that need them. In fact, VCHO performed over 550 radiography/fluoroscopy scans in FY17 on its existing unit.

Appendix G

Licensed Healthcare Facility Documentation

State of North Carolina

Department of Health and Human Services
Division of Health Service Regulation

Effective January 01, 2017, this license is issued to

East Carolina Health-Chowan, Inc.

to operate a hospital known as

Vidant Chowan Hospital

located in Edenton, North Carolina, Chowan County.

This license is issued subject to the statutes of the State of North Carolina, is not transferable and shall remain in effect until amended by the issuing agency.

Facility ID: 933102

License Number: H0063

Bed Capacity: *49*

General Acute 49

Dedicated Inpatient Surgical Operating Rooms: 0
Dedicated Ambulatory Surgical Operating Rooms: 0
Shared Surgical Operating Rooms: 3
Dedicated Endoscopy Rooms: 1

Authorized by:

Secretary, N.C. Department of Health and Human Services

Director, Division of Health Service Regulation

VIDANT HEALTH

December 6, 2017

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: Vidant Chowan Hospital's Digital Radiography and Fluoroscopy Equipment Replacement Project

Dear Ms. Rhoe-Jones:

Please accept this letter as documentation that I, Jeffrey Sackrison, President of Vidant Chowan Hospital (VCHO), do hereby certify, as it relates to the proposed project, that:

1. Financial control of the entire licensed health service facility is exercised at the site of the proposed replacement equipment, and

2. Administrative control of the entire licensed health service facility is exercised at the site of the proposed replacement equipment.

If you require additional information or clarification, please contact Jeff Shovelin, Administrator of Corporate Planning for Vidant Health at (252)-847-3631. Thank you for your time and attention to this important project.

Sincerely,

Jeffrey Sackrison
President
Vidant Chowan Hospital