

REQUESTING SERVICE: ACQUISITION & MATERIEL MGMT(90)

SHIP TO:

WAREHOUSE/RM51-BU B80027

V.A. Medical Center

3495 BAILEY AVE

BUFFALO, NY 14215

P.O.# 528-B80027

Item	Qty	Description
No.		
1	1	<p>OPTIMA IGS 330 CORE SYSTEM</p> <p>The Optima IGS 330 (31 cm x 31 cm and 43 cm diagonal) unites image quality, an optimal panel size and built-in protocols for imaging versatility, making it suitable for cardiac, electrophysiology, angiography, peripheral angiography, and interventional cardiology.</p> <p>Optima IGS 330 Positioner:</p> <p>The Optima IGS 330 combines GE's exclusive Optima LC Positioner with an ergonomically designed tableside user interface to provide easy access and control of critical features during an exam. Its patented three-axis isocentric positioner design with floor mounted L-arm and offset C-arm provides maximum positioning flexibility and excellent patient access in all views. The rigid, floor-mounted construction provides minimum vibration and deflection during acquisitions. The three motor-driven axes help make even the most complex angulations easy to achieve.</p> <p>GE Revolution digital flat panel detector</p> <p>The digital detector uses an amorphous silicon photodiode array on a continuous-substrate, single-piece panel with no inherent seams. The digital detector (31cm x 31cm), is comprised of a 1536 x 1536 array of imaging elements of pixels on a 200 micron pitch. Scintillator thickness and electronic noise are optimized to produce extremely high detective quantum efficiencies, both at high exposures and at fluoroscopic doses.</p> <p>Image Processing</p> <p>The detector can translate a wide range of X-ray exposure intensities into digital signals without saturation. Proprietary DRM image processing transforms this information for display without loss of detail over a wide range of anatomical densities.</p> <p>With excellent performance in low-dose fluoroscopy as well as high-dose exposures, the Optima IGS 330 advances GE's leadership in flat-panel imaging. The wide dynamic range of the detector, couples with 14-bit acquisition and patented image processing, enables excellent visualization of low-contrast objects. Detective Quantum Efficiency (DQE), an important</p>

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		<p>measurement of information capture, is taken to a new level with the GE interventional detector design.</p> <p>The Optima IGS 330 uses a 100 kW high-frequency Jedi three-phase power unit that provides grid pulsed fluoroscopy capability.</p> <p>Automatic X-ray technique calculation provides a tube-rating chart that calculates maximum exposure time based on the selected protocol, kV, mA, focal spot and available heat units. Fluoroscopy and radiography exposure times and mA are automatically controlled by the dynamic exposure optimization system. The range of mA is limited by X-ray tube ratings and regulatory limits. A fluoroscopic timer captures the fluoroscopic procedure time (reset time is every five minutes).</p> <p>The Optima IGS 330 is available with the Omega V, long table motorized</p> <p>Tablesides user interface</p> <p>For improved positioner control, users may choose either or both of two configurations:</p> <ul style="list-style-type: none"> -SmartHandle: For one-handed control of simultaneous motion of the positioner and table. -SmartBox: For the simple joystick control of the positioner and table. <p>The Tablesides Status Control (TSSC) provides simple access to key acquisition and review parameters throughout the exam.</p> <p>The Optima IGS 330 system facilitates image management and workflow using standard format and communication protocols. It also features close integration with the CA1000 and AW workstations to provide advanced image review and processing capabilities.</p> <ul style="list-style-type: none"> -Acquisition of data at 14 bits. -Cardiac images stored in 8 bits, maximum 450 images per sequence. Storage capacity: 136,000 cardiac images -DSA images with 12 bits data stored in 16 bits, maximum 450 images per sequence. Storage capacity: 68,000 DSA images -DICOM image output on 100Mbit Ethernet with Autosend and background transfer for fast transmission with minimal user interaction. -Capability to do full resolution 1024 x 1024 DICOM push to retain image quality at acquisition (configurable 512 x 512 for cardiac

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		<p>acquisitions and 512 x 512 x 512 or 256 x 256 x256 for 3D imaging)</p> <ul style="list-style-type: none"> -Patient Worklist capability provides a single point of entry of patient data, increasing staff productivity and elimination clerical errors: patient information can easily be imported into the digital system from information systems that support DICOM Worklist Service Class Provider. -Multi-destination Push enables images to be sent to multiple remote DICOM destinations sequentially (one after another). Multi-destination helps to support a clinical scenario of handling post processing and archival activities in multiple destinations independently of each other (workstation, PACS). Multi-destination provides a seamless integration of the Optima IGS 330 into clinical workflow. -MPPS: Modality Performed Procedure Step allows the Optima IGS 330 to share the main exam parameters with the hospital information system. -For the Innova 3D option, users can direct-push the 3D acquisition directly to the pre-configured AW, even if the images of the exam are pushed to a PACS or another archiving system. <p>Omega V Table:</p> <p>The compact carbon fibre laminate structure tabletop provides maximum rigidity with lowest absorption and scatter while allowing increased system angulation capability. Tabletop rotation of ± 180 degrees along the vertical axis allows for easy loading and unloading of patient, excellent patient access at the beginning or at the end of patient anaesthesia, and rapid patient access in emergencies.</p> <p>Omega V Specifications:</p> <ul style="list-style-type: none"> -Tabletop capable of supporting up to a 204 kg (450 lb) patient -Tabletop length: 333cm (131"). -Tabletop width of 46cm (18") in the patient trunk area. -Horizontal 8-way Float Movement. -Longitudinal travel: 170cm (67"). -Transverse travel of ± 14 cm(± 5.5"). Vertical travel of 30 cm (12"). -Vertical travel above floor from 78 cm (30.7") to 108 cm (42.7"). -Electromagnetic locks for inhibiting tabletop lateral, longitudinal

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		<p>and rotational travel are power release type locks.</p> <p>The extra-long table top is a useful workspace for guidewires and catheters. It can also be used as the sterile work-area with no additional sterile trolley needed for bowls, scalpels, catheters etc.</p>
2	1	<p>Omega V Table Extender</p> <p>Table Head Extender</p> <ul style="list-style-type: none"> Extender to widen the table top head end for patient comfort
3	2	<p>Smart Box</p> <p>Features/Applications: Using the smart box, can provides control over the table panning, anatomical/Mechanical mode, gantry motion Pivot, C arm and L arm, patient loading mode, detectors lift, table up & down-Table motorized long (if Omega V).</p>
4	1	<p>INNOVA CENTRAL TOUCH SCREEN</p> <p>The Innova Central touch screen provides simple access to key features throughout the exam. It lets the user control the Optima IGS 320 or Optima 330 systems functions as well as integrated equipment. The Innova Central touch screen controls: The Image acquisition, the image review and dose settings, the Mac-Lab hemodynamic recording systems, the CardioLab EP recording systems as well as Smart Nav. Favorite tab can be created, helping group together functionalities based on user preferences.</p>
5	1	<p>1 19 inch HB LCD Ref "Control Room" Monitor</p> <p>1 19 inch HB LCD Ref "Control Room" Monitor</p>
6	1	<p>4 monitor DAS suspension package</p> <p>4 monitor DAS suspension package</p>
7	2	<p>AW 19 inch Color In-room Monitor</p> <p>This is additional 19" LCD color monitors which can be installed on the exam room LCD monitor suspension. It can be used for AW, hemodynamic, EP recording systems, ultrasound, IVUS. After</p>

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8	1	<p>installation, this monitor can display the image from these device in the exam room.</p> <p>Main Power Disconnect Panel - UPS Ready</p> <p>Innova Main Disconnect Panel - UPS Ready</p> <p>This main disconnect panel provides emergency shut down, undervoltage protection, overcurrent protection, OSHA lockout tag provisions, and serves as a local disconnect for the GEHC Innova system. It reduces installation time and cost by providing a single-point power connection, eliminating the need to mount and wire a number of individual components, and its standardized design and testing assures high product quality and system reliability. It is UL and cUL listed for compliance with National Electric Code, and it can be either surface or semi-flush mounted. Customer is responsible for rigging and arranging for installation with a certified electrician.</p>
9	1	<p>Innova IQ 20KVA UPS</p> <p>GE Digital Energy 20KVa UPS for Innova Systems</p>
10	1	<p>UL Coolix SMC Auto-transformer</p> <p>UL Coolix SMC Auto-transformer</p>
11	1	<p>UPS INTERFACE ROHS</p> <p>UPS INTERFACE ROHS</p>
12	1	<p>DENOISING FOR FLUORO</p> <p>Denoising is an advanced spatial denoising algorithm that combines wavelet-based multi-resolution decomposition with edge-preserving spatial filters. This algorithm reduces noise level without degrading the clarity of edges and fine details</p>
13	1	<p>SMART NAV</p> <p>SMART NAV</p>
14	1	<p>BLENDED ROADMAP APPLICATI</p> <p>Blended Roadmap is a vascular roadmapping application that superimposes a previously acquired vascular image over live</p>

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		<p>fluoroscopy. This is advanced application helps clinicians view the progression of guide wires and devices through the vessels. Clinicians can select any DSA or bolus image as a reference roadmap image. By using this image multiple times, Blended Roadmap has the potential to minimize contrast media injections during roadmapping. Blended Roadmap provides additional features to enhance roadmapping procedures, including:</p> <ul style="list-style-type: none"> -Adjustment of the subtraction level -Adjustment of vessel transparency -Automatic resizing of the roadmap image to adapt to the fluoroscopic field-of-view -Pixel shift of the vessel image to compensate for motion
15	1	<p>Remote Control for In Room Browser Remote Control for In Room Browser</p>
16	1	<p>QUANTITATIVE ANALYSIS PAC QUANTITATIVE ANALYSIS PAC</p>
17	1	<p>AW VolumeShare 7 for Interventional Base System AW VolumeShare 7 for Interventional with 32GB of RAM. DOES NOT include Volume Viewer. AW VolumeShare 7 is a multi-modality image review, comparison and post processing workstation built with simplicity and power at its core. Powerful software is optimized to take advantage of state of the art 64 bit technology and multiple cores to ensure leading edge performance. AW VolumeShare 7 features include: Hardware: o HP Z440 Workstation o CPU: Intel Xeon E5-1660v3 (Haswell) Eight-Core @ 3.0 GHz with 20MB L3 Shared</p>

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18	1	<p>Cache each with Dual QPI @ 8 GT/s</p> <ul style="list-style-type: none"> o RAM: 32GB (8x4GB) Four-channel DDR4 ECC RSIMM @ 2133 MHz o GRAPHICS: NVIDIA Quadro NVS310 with 1 GB Video RAM o 1x 256GB SATA3 SSD for OS and Apps o 2x 512GB SATA3 SSD in RAID 0 for 1TB data storage o VGA Video Convert Kit <p>Software:</p> <ul style="list-style-type: none"> o GE Healthcare HELiOS 6 operating system o Demo Exams for training and exploration o Fast access to information you need through optional RIS integration & priors post-fetch o Efficient workflow through dynamic load, end review and Key Image Notes features o Productivity package to pre-process exams and allow up to 8 simultaneous sessions o Applications usage monitor to track and view usage of your system o Smart layouts with Volume Viewer General review protocol that optimizes comparison and single exam layouts o Enhanced multi-modality contouring tool with support for PET SUVs o Support for external DICOM USB media and preference management tool to exchange preferences across users o Support for optional, broad suite of multi-modality advanced applications <p>AW VolumeShare 7 Monitors</p>

Item No.	Qty	Description
19	1	<p>AW VolumeShare 7 Monitors are two high-quality monitors offering bright and high contrast imagery suited to the display of medical images per the AW VolumeShare Indications for Use. Each provides a 19" 1280x1024 (5:4 aspect ratio) display that complies with international medical and patient safety standards and offers the following specifications:</p> <ul style="list-style-type: none"> • Maximum luminance (panel typical) : 330 nit • DICOM Part 14 calibrated luminance: 215 nit • Contrast ratio (panel typical) : 900:1 • An ambient light sensor • Brightness non-uniformity (measured as per DIN6868-157) : +/-25% <p>Mark 7 Arterion injector on table mount with installation and warranty (GE Innova package)</p> <p>The Mark 7 Arterion is light, maneuverable and easy to use. Less time positioning and setting up the Arterion means more time with the patient. The clearly visible and intuitive user interface guides you through proper setup, and highlights the information you need to perform injections confidently.</p> <ul style="list-style-type: none"> • Ergonomic handle for easier maneuverability • Front load syringe for simple insertion and clean removal • Syringe provides a clear view of the contrast • Light injector head with a handle to make it easier to position for injection • Smooth arc design of pedestal for extended reach • Small footprint which increases mobility around a busy lab • Bright and colorful intuitive user interface is designed to highlight the information you need • Highlighted armed state to know when the system is ready to inject • History and protocol screens to easily access the amount of contrast delivered to the patient and store and recall protocols <p>NOTES:</p>

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20	1	<ul style="list-style-type: none"> • This item is only valid for Interventional systems that have an Omega table configuration. This item cannot be sold with any configurations that contain the Elegance (Tilt) table. <p>VIS-A-VIS Vitalinq Intercom System for X-ray</p> <p>VIS-A-VIS Vitalinq Intercom System for X-ray</p> <p>The VIS-A-VIS Vitalinq intercom system for X-ray is a two-way communication system that is designed to meet the specific needs that arise during diagnostic and interventional procedures. It enables physicians to have continuous two-way conversation with the control room operator during diagnostic and interventional procedures.</p> <p>FEATURES/BENEFITS</p> <ul style="list-style-type: none"> • Capable of picking up conversation in a normal tone of voice, Vitalinq allows control room operators to respond immediately to physicians' requests • Larger format and unique pyramidal construction of the microphones contribute to Vitalinq's high intelligibility, even within the acoustically active space of a full-functioning procedure room • Designed to minimize the loss of articulation by reducing the potential echo path it gathers and transmits speech in a highly efficient manner <p>SPECIFICATIONS</p> <ul style="list-style-type: none"> • Dimensions: 24" x 24" x 20" • Weight: 47 lbs. <p>NOTES:</p> <ul style="list-style-type: none"> • INSTALLATION IS THE RESPONSIBILITY OF THE CUSTOMER • Warranty Period 6 months - Exchange of non conforming products, which are returned to GE during warranty period. • Installation, parts, application training and onsite service is the buyer's responsibility
21	1	HB-1 Armboard

Item No.	Qty	Description
		<p data-bbox="537 411 967 443">HB-1 Armboard w/Horizontal Rotation</p> <p data-bbox="537 464 768 495">FEATURES/BENEFITS</p> <ul data-bbox="561 516 1271 789" style="list-style-type: none"> <li data-bbox="561 516 1271 579">• Designed for easy placement and removal from under patient before or during procedures <li data-bbox="561 590 1271 653">• Allows for unobstructed fluoroscopy or catheter placement during an axillary or antecubital approach <li data-bbox="561 663 1008 695">• Facilitates optimum patient comfort <li data-bbox="561 705 1068 737">• Pivots 180 degrees in the horizontal plane <li data-bbox="561 747 1092 789">• Can be used for either left or right approach <p data-bbox="537 810 719 842">SPECIFICATIONS</p> <ul data-bbox="561 863 1230 894" style="list-style-type: none"> <li data-bbox="561 863 1230 894">• Constructed of strong, lightweight Kevlar based material <p data-bbox="537 915 708 947">COMPATIBILITY</p>
22	1	<p data-bbox="537 978 764 1010">HB-1 Armboard Pad</p> <p data-bbox="537 1031 898 1062">Armboard Replacement Pad Set</p> <p data-bbox="537 1083 1230 1146">This set of 1 foam replacement armboard pad can be used on the E6420BJ horizontal armboard</p>
23	1	<p data-bbox="537 1178 987 1209">Mavig 2.5m Track without Cable Spooler</p> <p data-bbox="537 1230 1068 1262">Mavig 2.5m Ceiling Track without Cable Spooler</p> <p data-bbox="537 1283 1252 1388">The Ceiling Track is suited for use of ceiling guided accessories, including radiation protective shields, lamps, injectors, monitors, and other equipment.</p> <p data-bbox="537 1409 821 1440">FEATURES AND BENEFITS</p> <ul data-bbox="561 1461 1271 1734" style="list-style-type: none"> <li data-bbox="561 1461 1271 1524">• The unique structure profile ensures smooth running of the carriage <li data-bbox="561 1535 1271 1598">• With little force, the installed system can be moved and positioned <li data-bbox="561 1608 1271 1682">• The carriage glides smoothly, even after many years of routine use <li data-bbox="561 1692 1227 1734">• Adjustable cross-struts simplifies the system installation
24	1	2.5m Cable Spooler (requires E3053CM)

Item No.	Qty	Description
		<p>Mavig 2.5m Cable Spooler for R-96 & Mach 3 Lamp</p> <p>This Mavig cable spooler is used when the R-96 or Mach 3 lamp is track-mounted. The spooler yields and retracts the electrical cable as the lamp travels along the track, eliminating all dangling and tangled power supplies. Warranty Period- 6 months- Exchange of non conforming products, which are returned to GE during warranty period Note: Installation,parts,application training and on-site service are the buyer's responsibility</p>
25	1	<p>Cable Holders and Stoppers for Ceiling Track</p> <p>Mavig Cable Holders and Stoppers for Ceiling Track (used with Cable Spoolers E3053CC, E3053LT)</p>
26	2	<p>Portegra2 360 Ceiling Column w/ Carriage - 58 cm</p> <p>Portegra2 3600 Ceiling Column w/ Carriage 58 cm</p> <ul style="list-style-type: none"> • Lower post allows 3600 rotation • Upper fixed post is electric with 3300 rotation • Each has a load capacity of 18 kg (40 lbs.)
27	1	<p>Contour Shield 76 x 61 cm (with center connect)</p> <p>Contour Shield 76 x 61 cm (with center connect)</p>
28	1	<p>LED130, focusable LED examination lamp</p> <p>LED130, focusable LED examination lamp</p>
29	1	<p>GE Anti-Fatigue Floor Mat (Blue 3x5 x 5/8")</p> <p>GE Anti-Fatigue Floor Mat</p> <p>FEATURES/BENEFITS</p> <ul style="list-style-type: none"> • Ingenious device for those who spend a lot of time on their feet on concrete or tile surfaces • Cradles feet in cushiony comfort, minimizing stress and fatigue • Sealed to prevent moisture absorption and facilitate cleanup - ideal for medical environments <p>SPECIFICATIONS</p>

Item No.	Qty	Description
		<ul style="list-style-type: none"> • Dimensions (L x W x D): 60" x 36" x 0.5" • Weight: Approx 22 lbs. • Blue/White Marble Color
		<p>COMPATIBILITY</p> <ul style="list-style-type: none"> • Cath Labs, Angiography, R&F rooms • Mammography • Ultrasound
30	1	<p>8 Days Interventional X-ray Advanced Applications On-site System Training</p> <p>8 Days Interventional X-ray Advanced Applications On-site System Training</p> <p>Eight full days (1 day = 8 hours) of on-site training for an Innova X-ray system. Includes one 3-day on-site visit to coincide with system go-live, one 3-day on-site follow-up visit and one 2-day on-site follow-up visit to be scheduled Monday through Friday. Training cannot be scheduled as single day events. Training expires 12 months from the date of go-live of equipment or purchase, whichever is the latest.</p>
31	1	<p>4 Days Interventional X-ray On-site System Training</p> <p>4 Days Interventional X-ray On-site System Training</p> <p>Four full week days (1 day = 8 hours) of on-site training for an Interventional X-ray System, to be used Monday through Friday. Training expires 12 months from the date of go-live of equipment or purchase, whichever is the latest. Days provided consecutively.</p>
32	2	<p>HQ Class for Innova Single Plane with AW</p> <p>HQ Class for Innova Single Plane or with AW</p> <p>Tuition for one student to attend one three-day class for Innova Single Plane at the GE Healthcare Institute in Waukesha, WI.</p> <p>Tuition includes air transportation, local ground transportation, hotel and meals to</p>

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		<p>include breakfast and lunch. Training expires 12 months from the date of go-live of equipment or purchase, whichever is the latest. This course will focus on both the Innova IGS Single Plane and Advantage Workstation and is intended for the customer who desires training on both systems to include 3DCT/3DCT HD. This course is not recommended for customers who have purchased an Innova IGS System without the purchase and/or use of the Advantage Workstation.</p>
33	1	<p>Template Template</p>
34	1	<p>Base Plate Base Plate</p>
35	1	<p>Monitor Suspension Spacer Kit Monitor Suspension Spacer Kit</p>
36	1	<p>Above Grade and Through Bolts Anchor Kit: Above Grade and Through Bolts</p>
37	1	<p>9 ft. 6 inch Inboard Monitor Bridge Mavig Suspension In Board Monitor Bridge</p>
38	1	<p>In Board Rails, 228 inch/579 cm In Board Rails, 228 inches long, to be used with LCD Monitor Suspensions</p>
39	1	<p>Substruc for Dual Arm suspension Substruc for Dual Arm suspension</p>
	1	Technical Service Training
40	1	<p>Innova Systems Service Innova x100 & Innova IGS 5x0 Systems Full Svc Innova x100 & Innova IGS 5x0 systems course is a 10 day instructor-led class. Equipment covered includes Innova 2100IQ,</p>

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		<p>3100IQ, 4100IQ starting at Harmony/Elegance configurations thru Innova IGS 520/530/540 including Optima versions. If purchase includes large display monitor, please purchase R0199RY. If servicing a Tilt Table please purchase R0188RY. This training doesn't include Innova 2000, which is covered in a separate course. Customer should complete XR Basic Service R0182RY & R0181RY as well as Vascular Basic Service R0195RY before attending Innova Systems. This course must be taken within 2 years from the purchase date.</p>
41	1	<p>VASCULAR BASIC SERVICE</p> <p>Vascular Basic Service</p> <p>The Vascular Basic Service course consists of a one week in-residence class including class discussions and hands-on labs. It will equip the engineer with the theory and physics of vascular x-ray and the ability to operate and identify several GE Vascular systems at a basic service level. This course is a prerequisite to Innova Systems R0154RY. This course must be redeemed within 2 years from purchase.</p>
42	1	<p>DGS Fundamentals Online Technical Training</p> <p>DGS Fundamentals Online Technical Training Detection and Guided Solutions (DGS) Fundamentals Online service training is part one of a two-part training program. Part two is an instructor hands-on class/lab (R0212RY). This self-paced training program must be completed before attending the hands-on class/lab. This online course covers: X-ray principles, Radiographic components, Radiographic basic applications, Fluoroscopic Components, Fluoroscopic basic applications. Please visit our webpage to register: http://www3.gehealthcare.com/en/education/product_education_-_technical/ or contact us at: edservices@ge.com</p>
43	1	<p>DGS Fundamentals Technical Training</p> <p>DGS Fundamentals Technical Training Detection and Guided Solutions (DGS) Fundamentals service training provides basic knowledge and skills necessary to perform service tasks on GE Rad, Fluoro, Vascular, and Mammo</p>

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		<p>imaging systems. This is the second step in an integrated training program that includes instructor-led training sessions and online pre-work. This class will incorporate numerous GE XR systems enabling knowledge and service skills to be practiced and applied during lab activities. Please visit our webpage to register: http://www3.gehealthcare.com/en/education/product_education_-_technical/ or contact us at: edservices@ge.com</p>
		<p>IGS 540 Upgrades and Add-ons</p>
44	1	<p>Tableside Cart</p> <p>Tableside Cart</p> <p>The Tableside Cart is designed to hold table side user interfaces (TSUI) of the Innova cardiovascular system. TSUI can then be located at different locations around the imaging system to adapt to the operators working position.</p> <p>Compatible Table Side User Interface (TSUI) allowed to be installed on the Tableside Cart include:</p> <ul style="list-style-type: none"> o Smart Box/Smart Handle o Table Side Status Control (TSSC) o Innova Central Touch Screen o In-room 3D Mouse o Volcano Touch Pad Controller <p>The Cart is designed such that the TSUI's are clamped on its rails exactly the same manner as they are clamped on the table accessory rails.</p> <p>The Tableside Cart is delivered with two accessory rails, each designated to hold up to two Table Side User Interfaces (TSUI).</p> <p>The Tableside Cart can be installed with one</p>

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		<p>or two accessory rails.</p> <p>The height of the rails is customizable:</p> <ul style="list-style-type: none"> o Single rail configuration, the rail can be positioned at 75.5 cm (29.7 in.), 82 cm (32.3 in.), 98 cm (38.6 in.), or 104.5 cm (41.2 in.) o In dual rail configuration, 2 settings are possible: <ul style="list-style-type: none"> - Bottom rail: 75.5 cm (29.7 in.) Top rail: 98 cm (38.6 in.) or - Bottom rail: 82 cm (32.3 in.) Top rail: 104.5 cm (41.2 in.) <p>Two brakes located on the front side of both front wheels, can be used to immobilize the Tableside Cart when needed.</p> <p>The Tableside Cart is certified with Innova IQ Table exclusively.</p>
45	1	<p>Mavig Double Pivot, Flexible Lower Body Protector</p> <p>Mavig Flexible, Double-Pivot Lower Body Protector Provides convenience, flexibility and enhanced protection for medical personnel. Helps shield technicians against scatter radiation from sources beneath the tabletop and also helps to protect the lower extremities. Flexible 0.5 mm lead equivalent curtains attached to aluminum alloy pivoting arm. The entire lower body protector can be easily and quickly removed from the table. Warranty Code H- 6 Months: Exchange of non-conforming products, which you return to us during the warranty period. Note: Installation, parts, applications training and on-site service is the buyer's responsibility.</p> <ul style="list-style-type: none"> o This model is designed to offer enhanced protection in combination with tiltable tables o Performance angle +/-150 o Adjustable brakes for lower shields o Left and right table mounting with a single adapter <p>Similar features of the E3053J model</p>

Options

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46	1	<p>Innova Breeze Option</p> <p>InnovaBreeze Peripheral Vascular Imaging Option</p> <ul style="list-style-type: none">• InnovaBreeze Acquisition Software<ul style="list-style-type: none">- Continuous panning while viewing subtracted contrast bolus• InnovaBreeze control handswitches with interface cables<ul style="list-style-type: none">- Handles installed in control room• Quickstrap Positioning Strap Kit <p>Requires Omega V Motorized Table and AW Workstation.</p>
47	1	<p>Innova 3D</p> <p>Innova 3D for Innova Vascular and Cardiac Systems</p> <p>This option includes the necessary hardware and software for the Innova 3D Option for acquiring and processing Innova Rotational Angiography and visualizing the results on the AW Workstation. The option also includes the capability of the acquiring 2D rotational spins (InnovaSpin). This option requires the Innova 3D calibration phantom kit and the Volume Viewer capability on the AW Workstation. It also includes the 3D Calibration Suitcase.</p> <p>The acquisition capability includes both the choice of InnovaSpin at 40 degrees per second with DRM applied and Innova 3D acquisition at 40 degrees per second with</p>

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		<p>DRM turned off for reconstruction on the AW Workstation. The Acquisition in both cases spans approximately 200 degrees and takes approximately 5 seconds to complete. Acquisition fields of view are 30x30 cm, 20x20 cm, and 16x16 cm on the IGS 530/630. Data is automatically transferred to the AW Workstation for reconstruction and review.</p> <p>The option includes the necessary software on the AW Workstation for reconstruction of the acquired data with appropriate artifact correction applied into slice data sets that can be reviewed utilizing the full capabilities of the Volume Viewer application of the AW Workstation. These capabilities include 3D visualization structure as well as cross sectional slice review.</p> <p>Innova 3D results can be archived utilizing the AW archival capabilities or exported to external storage systems for long term archival.</p> <p>Innova 3D can be used for Cardiac as well as Vascular 3D models.</p>
48	1	<p>Volume Viewer Interventional</p> <p>Volume Viewer Interventional</p>
49	1	<p>FlightPlan for Liver</p> <p>FlightPlan for Liver</p> <p>FlightPlan for Liver is a non-invasive software package that helps with the analysis of GE C-Arm 3D and CT images of the liver arterial tree and facilitates the identification of arteries in the vicinity</p>

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of an operator selected target. It can be used to help facilitate the planning of liver endovascular treatments such as selective particle embolization and chemo embolization of liver tumors. It allows extraction of vessels in the vicinity of the target with a minimum number of commands and with a higher sensitivity compared to only using 3D review.

FlightPlan for Liver processes Innova 3D models and includes the following main features:

- Simple extraction of the hepatic arterial tree
- Operator definition of a starting point and a region of interest
- Automatic extraction of vessels in the vicinity of the selected region of interest to help the user identify the associated vessels with the selected region
- Ability to manually add and remove associated vessels
- Save state and export to Innova Vision application to overlay extracted vessels over real-time fluoroscopic image if the GE angiographic suite is equipped with the Innova Vision option
- Multimodality 3D review to display complementary information from Innova CT, MR, CT or PET acquisitions. These acquisitions with FlightPlan for Liver may be used to help identify the region of interest. FlightPlan for Liver provides the capability to:
 - Load & compare CT, MR or PET 3D dataset side by side with the Innova 3D dataset
 - Align & review volumes in a similar way as exam comparisons done inside Volume Viewer compare protocols

FlightPlan for Liver accepts only 3D image sets acquired on GE Digital Flat Panel Angiographic

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systems.

System Requirements:

Advantage Windows VolumeShare 7

Note: All software is non-transferable to other hardware, and are non-returnable.

Notes and help:

FlightPlan for Liver works with any manufactured level of GE Digital Flat Panel X-ray system with 3D acquisition capability. Note that the Innova 2000 system is not included in this set as there is no 3D capability. The FlightPlan for Liver program can export a planned map directly to the Vision program or in the case of systems which do not have Vision the maps can be displayed on the color AW in room monitor and still have value for navigation.