WHSE/PAD B54015

V.A. Medical Center

3801 Miranda Ave

Building 50

Palo Alto, CA 94304

P.O.# 640-B54015

Item		QTY	Description
1		1	**DRX Evolution System**
		1	**DRX-Evolution System with Motorized OTC and Console**

DRX-Evolution System with Motorized OTC and Console, Motorized Wallstand (for Fixed 43 x 43 Detector) and Motorized Fixed Table (with Bucky Tray)An exceptionally versatile, flexible DR suite with modular components to fit your specific space, your workflow and your budget.The single operator console integrates generator settings, detector controls, and image delivery and includes a touch screen interface plus keyboard, mouse and barcode reader. It is powered by sophisticated workflow and image processing software.The motorized wallstand has a wide range of motion with four axes of movement, plus optional lateral movement. The Bucky tilts to horizontal for extremity or supine exams, plus it features side-to-side angulation to more easily perform oblique exams.The motorized fixed table utilizes DRX wireless portable detectors and simplifies patient positioning with an elevating, four-way floating top which can accommodate patients weighing up to 600 lbs (272 kg)The motorized Overhead Tube Crane (OTC) controls are designed and positioned for convenience and efficiency. A tube head touch-screen interactive display shows exam type, technique, AEC cells, tube head angle and more.Standard motorization features allow for auto-centering (tube to center of detector),auto-

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			tracking and auto-perpendicularity for fast, accurate source-to-detector alignment.Auto-positioning functionality (option) allows for pre-programmed tube and Bucky positions,generator parameters and collimator settings to maximize technologist efficiency. Motorized Overhead Tube Crane (OTC): • Vertical travel: 161 cm (63 in) • 10.4"" LCD touch-screen display • Beta range: +- 182 degrees Console Monitor: • 1280 x 1024 • 48.3 cm (19 in) touchscreen monitor Motorized Wallstand (for Fixed 43 x 43 detector): • Bucky vertical range: Floor to 180 cm (70.9 in) • Bucky tilt: -20 to 0 to 90 degrees • Bucky angulation: +/- 45 degrees Motorized Fixed Table (with Bucky Tray): • Maximum patient weight: 272 kg (600 lb) • Table height range: 53 cm (20.9 in) to 86 cm (33.8 in) • 4-way float • Grid: 12:1, 80 lines per cm (203 lines per inch), Fixed Focus 110 cm (43 in)

Item	CAT #	QTY	Description
		1	Fixed 43 X 43 cm CSI Detector
		1	Transverse and Longitudinal Rails
		3	DRX Detector Battery
		1	Universal Power Supply
		1	**DRX-1C Detector** Wireless, cassette-size, 35 x 43 cm CsI Detector for fast workflow and instant access to images. Fits into standard Bucky trays and the wireless capability make it also ideal for tabletop use. The detector uses Cesium Iodide (CsI) for dose-sensitive applications. • Wireless standard: 802.11n • Image size: 35.0 x 42.3 cm • Pixel Pitch: 0.139 mm • External Dimensions: 35 x 43 Cassette (ISO 4090) 38.35 x 45.95 x 1.55 cm
		1	**80kW Generator** High Frequency Generator • 80 kW Input Three Phase Line: 380-480 VAC; +/-5% • 200 Plus kHz Output • 40-150 kVp standard • 0.5-1000 mAs standard • Unlimited APR views and techniques
		1	480VAC Input Power
		1	Wallstand Grid:80 LPCM, 12:1 ,FD 140 cm

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		1	Floor and Ceiling Rail
		1	Floor Rail Drive for Wallstand
		1	**EVP Plus Imaging Processing Software** Provides highly automated, state-of-the-art image processing. Uses multi-frequency image processing to increase latitude while preserving detail contrast in both over-penetrated and under-penetrated areas. Automatically processes and delivers diagnostic quality images to PACS based on look preference that can be uniquely specified by each site. Includes grid line suppression that prevents aliasing artifacts and application of a collimator mask. Five independent controls are available for the user for image adjustments in an intuitive user interface.
		1	**IHE Schedule Workflow Software** Automatically notifies the HIS/RIS about the status of the exams. Includes DICOM Modality Performed Procuedure Step (MPPS) that can send exposure Information including DAP values (if installed) to the HIS/RIS.
		1	**Modality Worklist Software** Facilitates automatic transfer of patient and procedure data from your HIS/RIS system, eliminating manual data entry, and increasing technologist productivity.
		1	**Administrative Analysis and Reporting Software**

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			Provides consolidated user-friendly reports from all Carestream CR and DR systems on the network. Example reports include repeat statistics by user and exam type, exposure data by user and exam, detector usage, system use by radiographer and much more. Users can also generate custom reports. Helpful for performance tracking and operational improvements.
		1	**Advanced Display Software** Change technique/view from the OTC and preview the acquired image at the OTC for acceptance or rejection.
		1	Grid Holder
		1	**IR Remote Control** Infrared remote control for wallstand up/down/tilt Bucky position, lateral movement on rail, autocentering, autotracking, autopositioning, collimation size adjustment, and collimator light on/off.
		1	Wall Mount for Touch Screen Monitor
		1	Keyboard Tray
		1	**Retrofit Wireless Access Point - US**
		1	**DR LLI Step Stool** Elevates the patient to allow imaging of lower extremeties. Step Stool Dimensions:696 x 385 x 190 mm (27 x 15 x 7 in.)

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		1	RMS
		1	Additional Keypad for Wallstand
		1	Additional Footpedals for Table
		1	Handgrips for Table
		1	Compression Band
		1	Table Pad
		1	KIT-LLI KIT, CSH WS (TRIXELL/ 43X43)
		1	**DR LLI Patient Stand** Easy to use patient positioning stand for DR LLI exams. Hinged platform swings up so the patient can stand directly on the floor. One pedal lock and unlock brake feature for safety and convenience. Patient Stand Dimensions:1205 x 755 x 1890 mm (47 x 30 x 74 in.)Includes Ruler
		1	Table Detector Holder
		1	**DR Total Quality Tool Software** Software used in conjuction with the DR Total Quality Tool Phantom. Performs objective image tests and QC measurements on Carestream DR detectors. The software analyzes flat field, dark noise and phantom image test performance. Test results are provided automatically with historical trending. The user can export the data for independent analysis. The software uses the same interface as that used for patient exams.

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			Perform these tests when it's convenient for you - without interrupting workflow or incurring the cost of third-party testing.
		1	Seismic Kit
		1	Manual Stitch Editor Advanced Software
		1	Tethered Table Control
		1	Supine LLI Kit
		1	DAP/FOR DRX-EVOLUTION
		1	12 Proximity Badges
		1	**Proximity Badge Reader** Reader eliminates the need for manual entry of user login and provides error-free identification andsecurity. Reads both 125 kHz proximity cards and 13.56 MHz contactless cards that are common facility access cards for other purposes.
		1	FIPS OPTION/FOR DRX-EVOLUTION
		1	**Bone Suppression Software** Creates a companion image to the original exposure (chest views) which suppresses the appearance of bone and enhances the visualization of soft tissue. Requires no additional exposure to the patient. Has potential to increase the confidence of pathology assessment due to improved visibility.
		1	**IHE Dose Reporting Software**

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			Collects and distributes comprehensive dose information to PACs including DAP value, techniques, and exposure indices.IHE has defined a protocol for reporting patient exposure dose. This feature will create a report using the IHE structure and send it to whatever destination the user identifies.
		1	4GB RAM - HP 5800 PC
		1	**GRID/DRX-EVOTABLE110CM12:1/40 LINEPERCM** GRID/DRX-EVOTABLE110CM12:1/40 LINEPERCM GRID/DRX-EVOTABLE110CM12:1/40 LINEPERCM
		1	**STANDARD TOUCH MONITOR**
2		1	**Professional Services**
		1	**DRX-1 System Application Training for Key Operators / 2-days** Provides the Key Operator with the skills necessary to use the DRX-1 system and produce images for diagnostic interpretation. It also provides an overview of Key Operator functions to allow the Key Operator to define system requirements and procedures necessary to configure the system according to the site's workflow environment. The Key Operator training is provided using the train-the-trainer philosophy, thus Key Operators can continue training

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			your current staff as well as new staff in the future.
		1	DirectView Key Operator Training (3 days)
3		1	**DR Accessories**
		2	WEIGHT DISTRIBUTION CAP
4		1	**DR Accessories**
4		1	DRX Accident Protection for Warranty Year