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Quote #: XACT REF KW #20To: VA Southern Nevada Healthcare  
5901 E. 7th St.  
Long Beach CA

Digirad Corporation is pleased to submit the following quotation offering to sell the Product described herein at the prices and terms stated. This quotation is valid for 45 days from the above date and all sales hereunder are subject to the attached Standard Conditions of Sale.

**Cardius® X-ACT**

Cardius X-ACT is Digirad's new dedicated triple-head, solid-state imaging system for nuclear cardiology. The Cardius X-ACT features new Solidium® High-Definition solid-state digital detectors (HDSD), an exclusive compact open gantry permitting operation in rooms as small as only 8' X 9' (72 sq. ft.), an advanced patient handling system that makes it possible to imaging patients up to 500 pounds, a unique triple-head configuration that offers up to 38% faster image acquisition times than conventional dual head system designs and a high precision low dose volume attenuation correction system. The Cardius X-ACT system is all about delivering more comfort for patients, higher clarity diagnostic results and achieving maximum imaging speed while producing images of superb quality.

The Cardius X-ACT system is a compact, open and modern design fitting in small rooms without the need for architectural modifications. Weighing less than 1100 lbs, the Cardius X-ACT fits through standard 3' doors and elevators and can be installed in 3 days.

**Distinguishing features include:**

- X-ACT™ Volume Attenuation Correction System
- Triple-head Solidium High-Definition Solid-State Detectors (HDSD)
- A patient chair design with 500lb patient weight limit capacity
- SeeQuanta™ Acquisition software featuring user-friendly, pull-down style menus and multiple active windows
- Digirad nSPEED™: 3D OSEM Fast Image Acquisition Software Kit
- TruACQ™ CountBased Imaging to ensure conformance to ASNC recommended count density guidelines
- Enhanced patient comfort tools with an integrated step stool, tri-level foot rest, and retractable seat belt
- Three very thin, light weight solid-state detector heads – 3.5 inches thick with cardiac collimators attached (LEHR collimator may be substituted upon request)
- Motion Correction Software
- Shielded for imaging at 60-300 keV

**Physical Specifications**

	Cardius X-ACT (THC)	Cardius X-ACT (A/PS)
Length	142 cm (56 in)	71 cm (28 in)
Width	73 cm (29 in)	76 cm (30 in)
Height	115.5 cm (45.5 in)	157.5 cm (62 in)
Weight	284 kg (624 lbs)	34 kg (75 lbs)
Total System Weight	370 Kg (815 lbs) est.	

**Digirad Processing**

Digirad Processing is a state-of-the-art Nuclear Cardiology software package developed by Digirad to streamline Nuclear Cardiology workflows to meet productivity demands of nuclear cardiac imaging departments. It includes comprehensive Cardiac SPECT and QA applications. These applications are fully integrated with Processing and Viewing tools and support state-of-the-art protocol and preference management that allows users to automate (configure) their workflow and usability. The application includes a DICOM Part 10 native database with powerful or comprehensive DICOM connectivity features (push, store, file import, and file export). It includes basic cardiac reconstruction, reorientation, filtering, magnification, storing of cardiac short axis data, DICOM static screen captures, DICOM Multi-frame screen captures, and quantitative results.

**X-ACT Systems only**

SPECT/VCT emission and transmission reconstruction workflow is streamlined by minimizing the number of user interactions through automated processing protocols. All data is integrated into a single user interface that features an efficient fully-automated reconstruction and reorientation protocol that includes STASYS motion correction, SPECT/VCT registration/fusion display and image review with fusion display. In addition, it includes a user - friendly interface with sophisticated cardiac SPECT quantitative analysis packages, batch processing, and physician review capabilities.

**CSMC Cardiac Suite 2008 Technologist PowerStation – (On Camera) Standard****\*Key Features**

- DICOM 3.0 Suite – Full complement of DICOM Part 10 functions (Import, Export, Server, Query, Retrieve, and Print) and display of static (ungated) short axis myocardial perfusion SPECT images.
- Quantitative Gated SPECT (QGS) – Interactive application for the automatic segmentation, quantification and analysis and displays of static and gated short axis myocardial perfusion SPECT.
- DICOM MFSC – Capture, save, and export motion pictures from Cedars to image viewing stations such as PACS.
- QGS/QPS Companion – AHA automatic 17 segment scoring and eccentricity calculation for perfusion and function Diastolic function, AHA automatic 17 segment scoring.

**Digirad nSPEED™: 3D OSEM Fast Image Acquisition Software Kit**

nSPEED, Digirad's 3D-OSEM Reconstruction software option, is an advanced image reconstruction algorithm that models the 3D spatial response of the detectors. nSPEED has been shown to significantly improve the resolution of SPECT images as compared to 2D reconstruction. Digirad's nSPEED reconstruction software is optimized for solid-state detector systems and is integrated within Digirad's existing processing workstation. Future fast imaging capabilities are currently under evaluation and are not clinically supported at this moment.

**Option includes:**

- nSPEED software CD
- Operators Manual
- License Key

**DICOM Modality Worklist for SeeQuanta Acquisition Software:**

Queries RIS via a PACS broker or PACS DICOM modality worklist service to start a new study in Digirad without needing to type patient/study demographic info. (Available immediately on all camera types.)

**Equipment Service Warranty:**

Digirad's service warranty period is one (1) year from completion of installation. Terms of service warranty are contained in Standard Conditions of Sale and upon request.

**Site Preparation:**

The customer is responsible to provide the necessary network to support the communications and connectivity required for the proposed camera(s) and workstation(s). Digirad will provide the required specifications upon request.

# DIGIRAD®

Items Ordered				
Qty	Part#	Description	List Price	Total Price
<b>Digirad Cardius X-ACT</b>				
1	Cardius X-ACT	Cardius X-ACT (THC) Imaging System		
		X-ACT™ Volume Attenuation Correction System		
		Acquisition/Processing Station (A/PS)		
		SeeQuanta® Acquisition software		
		Digirad Processing Software		
		Motion Correction Software		
		nSPEED Software Kit: Digirad's 3D-OSEM Reconstruction Software Option.		
		Interfile Import/Export Option (for imager)		
		DICOM Push (direct connect with workstations)		
		Opticount Collimators (3)		
		ECG Cardiac Gate, AccuSync 4200-3 (Integrated)		
		Accessory Kit (includes 2 flood containers & source holder)		
		Patient Positioning Strap		
		Uninterruptable Power Supply (external)		
		Operator's Manual		
		Onsite Applications Installation/Training (Up to 3 days)		
<b>Flood Sources and Container Options:</b>				
1	110025	10 mCi Cobalt-57 Sealed Flood Sheet Source (includes storage container)		
<b>nSPEED</b>				
1	115290	nSPEED Software Kit: Digirad's 3D-OSEM Reconstruction Software Option. (Requires Mirage processing software version 5.310 or later with windows XP.)		
<b>Connectivity Options*:</b>				
1	115327	DICOM Modality Worklist for SeeQuanta Acquisition Software		
<b>CSMC Cardiac Suite 2008</b>				
1	116992	CSMC Cardiac Suite Software Kit - Standard (Install on Camera)		
<b>List Price To Customer (excludes taxes):</b>				
VA Discount 25% for camera (VA contract SPM2D1-09-D-8330-V7976P)DLASPM201-09-D8330				
VA Discount 30% for accessories (VA contract SPM2D1-09-D-8330-V7976P)DLASPM201-09-D8330.				
<b>Net Total Price to VA (excludes taxes):</b>				