

**Abed Asfour, M.D., F.A.C.C.**  
**Eduardo Garcia, M.D., F.A.C.C.**  
**Kristine Kaiser, M.D.**  
**Samer Salka, M.D., F.A.C.C.**  
**Ganiha Algarrafi, N.P.**

15120 Michigan Avenue, Suite A  
Dearborn, MI 48126  
Phone: (313) 624-8417  
Fax: (313) 357-7074

7330 Canton Center Rd., Suite 109  
Canton, MI 48187  
Phone (734) 414-1376  
Fax (734) 386-8004

5400 Fort Steet, Suite 110  
Trenton, MI 48183  
Phone: (734) 301-3125  
Fax: (734) 301-3325

**April 25, 2016**

UNITED STATES NUCLEAR REGULATORY COMMISSION  
Region III, Materials Licensing Section  
2443 Warrenville Road  
Suite 210  
Lisle, IL 60532-4352

Re: Amendment for NRC License # 21-32740-01  
Close Location of Use

Dear Sir/Madam:

We would like to amend our NRC license to close the following location of radioactive use on our NRC license:

**7330 Canton Center Road**  
**Canton, MI 48187**

Please see the enclosed close-out documents, diagram, and sealed source leak test.

If you have any questions or require additional information please contact our Medical Physics Consultant, Cari Dzanbazoff, at (734) 662-3197.

Sincerely,

Kathryn M. Filar, CES  
Executive Management  
Premier Cardiovascular Specialists, P.C.

RECEIVED MAY 02 2016

**Close-out Survey Information**  
**Premier Cardiovascular Specialists, P.C**  
**License # 21-32740-01**

**Close-out Location:**

**PREMIER CARDIOVASCULAR SPECIALISTS, P.C.**  
**7330 CANTON CENTER ROAD**  
**CANTON, MI 48487**

**Date Performed:** March 25, 2016

**Performed By:** Cari Dzanbazoff, Medical Physics Consultants Inc.

**Comments:** Equipment and sealed sources were properly transferred to the new Plymouth location.

**Instruments:**

Wipes for contamination performed with the following well counter:

Manufacturer: Capintec  
Model Number: Captus 3000  
Serial Number: 900271  
Efficiency Factor: 2.5 dpm/cpm

Area survey performed with the following survey meter:

Manufacturer: Ludlum  
Type: GM  
Model Number: Model 3  
Serial Number: 113520  
Probe Model: Pancake  
Calibration Date: 2/19/16

Battery check acceptable:	<u>YES</u>
Operational check acceptable:	<u>YES</u>
Constancy check acceptable:	<u>YES</u>
Check source value:	<u>3.0 mR/hr</u>

**Radionuclides Used:**

**Unsealed**

Tc-99m

**Sealed**

Cs-137, Co-57, Ba-133 (leak test attached)

**Visual Check:** The area was checked to ensure that all radioactive waste had been removed. No evidence of radioactive material was noted.

**Radiation Level Survey:** No area within the lab demonstrated radiation levels in excess of the background reading of 0.02 mR/hr.

**Removable Contamination:** No area within the lab demonstrated removable contamination in excess of 75 dpm/100 cm sq.

**Sealed Sources:** All sealed sources were properly transferred to the new Plymouth location.

**Surveys, Wipes, and Diagrams are enclosed for review.**

**License # 21-32740-01**

**Performed By:** Cari Dzanbazoff

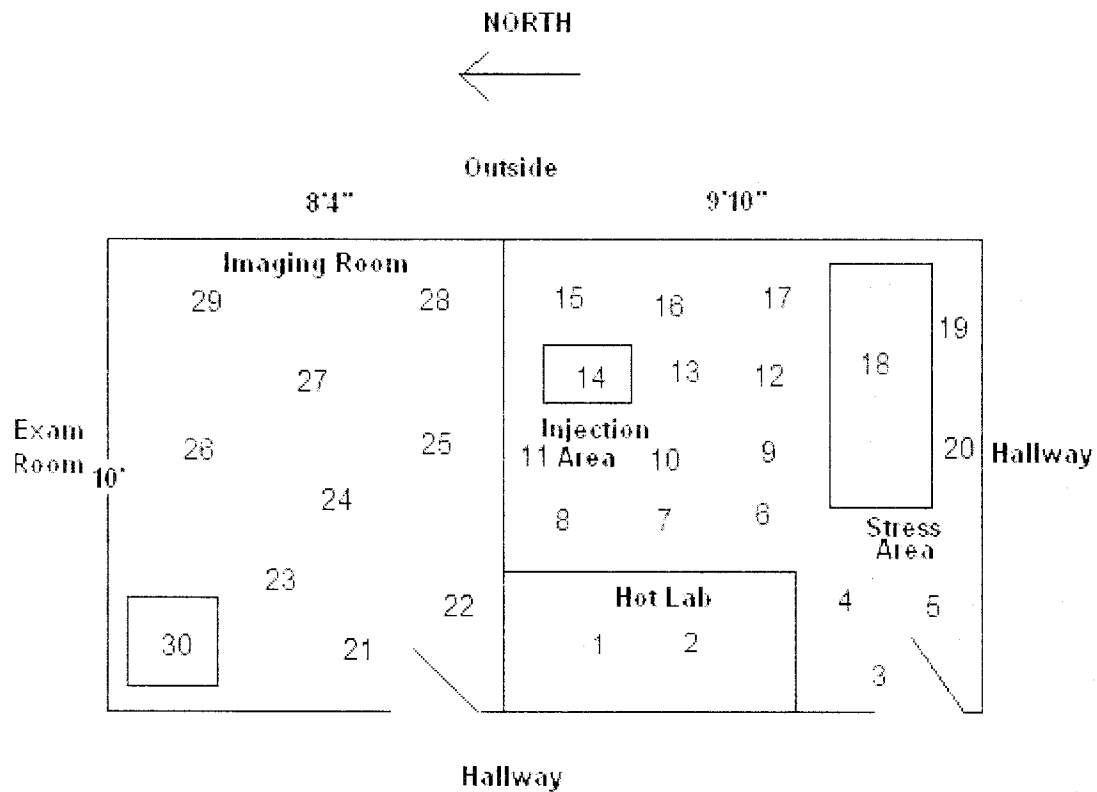
**Well Counter:** Capintec  
**Model:** Captus 3000  
**Serial Number:** 900271

Efficiency Factor = 2.5 dpm/cpm  
Full Spectrum

**COMMENTS:** No evidence of removable contamination.

**PREMIER CARDIOVASCULAR SPECIALISTS, P.C.**

**FACILITY DIAGRAM  
7330 CANTON CENTER ROAD  
CANTON, MI 48487**



**Single Level Facility  
Nothing Above  
Cement Slab Below**



### Sealed Source Leak Test

Licensee: Premier Cardiovascular Specialists, P.C.-Canton

Date: 01/21/16

Performed by: Cari Dzanbazoff

Nuclide	Type	Calibration	Calibration	Location	M/N	S/N
		Activity	Date			
Cs-137	Vial	298.8 uCi	05/01/81	Hot Lab	CDC.VI	3147MA
Current Activity: 133.9 uCi						
Ba-133	Vial	269.7 uCi	02/01/02	Hot Lab	IPL	788-63-1
Current Activity: 107.5 uCi						
Co-57	Flood	10 mCi	05/01/15	Hot Lab	MED3727	1811-088
Current Activity: 5.077 mCi						

Comment: The sources listed above were leak tested using a dry wipe technique and were found to have less than 0.005 uCi removable activity. The following Minimum Detectable Activities are based upon a background at the indicated value. Background was at or below these levels when the above tests were completed.

Well Counter: Captus 3000

<u>Nuclide</u>	MDA	Background
Cs-137	$2.0 \times 10^{-4}$ uCi	145 counts/1 min
Ba-133	$8.8 \times 10^{-5}$ uCi	204 counts/1 min
Co-57	$1.7 \times 10^{-5}$ uCi	53 counts/1 min



## Sealed Source Inventory

Licensee: Premier Cardiovascular Specialists, P.C.-Canton

Date: 01/21/16

Performed by: Cari Dzanbazoff

Calibration						
Nuclide	Type	Activity	Date	Location	M/N	S/N
Cs-137	Vial	298.8 uCi	05/01/81	Hot Lab	CDC.VI	3147MA
Current Activity: 133.9 uCi						
Ba-133	Vial	269.7 uCi	02/01/02	Hot Lab	IPL	788-63-1
Current Activity: 107.5 uCi						
Cs-137	Rod	500 nCi	07/01/04	Hot Lab	IPL	1034-32-5
Current Activity: 382.8 nCi						
Co-57	Flood	10 mCi	05/01/15	Hot Lab	MED3727	1811-088
Current Activity: 5.077 mCi						

### SEALED SOURCE AMBIENT EXPOSURE SURVEY

Meter: LUDLUM

Max Reading 0.1 mR/hr

Letter Commission  
ing Section

PREMIER CARDIOVASCULAR SPECIALISTS  
(313) 624-8417  
15120 MICHIGAN AVE SUITE A  
DEARBORN MI 48126

1 LBS 1 OF 1  
SHIP WT: 1 LBS  
DATE: 29 APR 2016

SHIP UNITED STATES NUCLEAR REGULATORY  
TO: REGION III, MATERIALS LICENSING  
STE 210  
2443 WARRENVILLE RD

LISLE IL 60532-4352



IL 603 9-03



UPS GROUND

TRACKING #: 1Z 482 35X 03 0644 6314

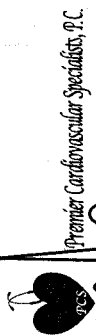


P/P

ISH 13.00N E2844 72.5V 01/2016

SEE SOURCE FOR DETAILS regarding UPS Terms, and notice of limitation of liability. Where allowed by law, all other conditions apply to act as forwarding agent for export control and customs purposes. If required here for US, please confirm that the merchandise, technology or software were exported from the US in accordance with the Export Administration Regulations. Diversion contrary to law is prohibited. 900 4 0316

RECEIVED MAY 02 2016



15120 Michigan Avenue, Suite A  
Dearborn, MI 48126