

# BIOMEDICAL DIAGNOSTIC SERVICES

1555 W. BIG BEAVER ROAD • BLDG'S E & G • TROY, MICHIGAN 48084  
(313) 649-4449

February 4, 1987

Mr. Michael C. Sluga  
Biomedical Diagnostic Services  
1555 West Big Beaver Road  
Building G  
Troy, Michigan 48084

Mr. McCann  
U. S. Nuclear Regulatory Commission  
Region 111  
Material Licensing Section  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

SUBJECT: Amendment of NRC License #21-20279-01

1. Please amend our NRC license to add the following satellite facility to our list of locations approved by the NRC to use Group 1 and Group 11 byproduct material.

BIOMEDICAL DIAGNOSTIC SERVICES - LIVONIA  
29524 Six Mile Road  
Livonia, Michigan 48152

This facility is under construction and not currently licensed by the NRC. It shall be owned and operated by R. Gunabalan, M.D., under the corporate name of Biomedical Diagnostic Services, Ltd. A facility diagram and instrumentation list are attached. All other conditions of our NRC license and appropriate amendments and statements contained in our application shall be complied with at this new facility.

2. Please add Leon Dunn, M.D. as our authorized user on our NRC license. He is currently licensed for Groups 1, 11 and 111 on license #21-24380-01 / #21-20400-01.

3. Please add Pammal Suresh, M.D. as an authorized user on our NRC license. (Please find attached Form 313M Supplement B Preceptor Statement and

8707210202 870327  
REG3 LIC30  
21-20279-01 PDR

CONTROL NO. 82928

Diagnostic Radiology  
Nuclear Scans  
Cardiac Testing  
Ultrasound  
Pulmonary Function  
EEG—EMG

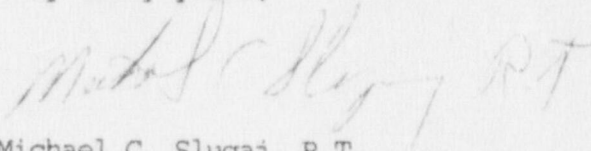
## BIOMEDICAL DIAGNOSTIC SERVICES

1555 W. BIG BEAVER ROAD • BLDG'S E & G • TROY, MICHIGAN 48064  
(313) 649-4449

Certificate showing 200 hours course in radioisotope handling). Dr. Suresh will be involved in the cardiology aspects of nuclear medicine only.

Thank you for considering this amendment and please feel free to contact me at any time should you need further information.

Very truly yours,

  
Michael C. Slugaj, R.T.

MCJ:ps

attachment

CONTROL NO. 82928

G

FACILITY: BIOMEDICAL DIAGNOSTIC SERVICES - MONROE

1. Survey Meter

Manufacturer Name:	Bicron
Manufacturer Model No.:	Surveyor 2000
Number of Instrumentation:	1
Minimum Range:	0.0 mR/hr to 2.0 mR/hr
Maximum Range:	2000 mR/hr

2. Dose Calibration

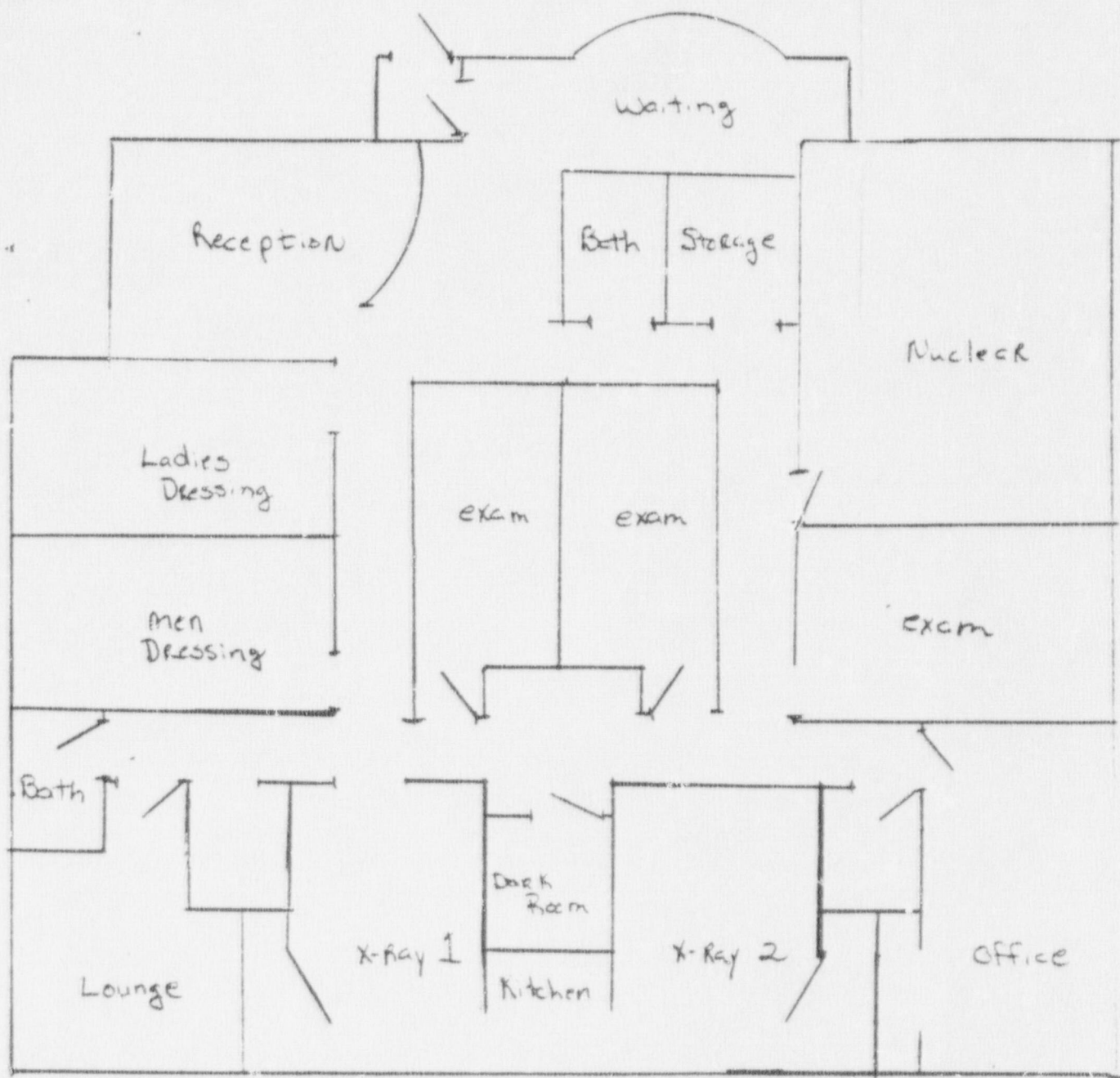
Manufacturer Name:	Capentec
Manufacturer Model No.	CRC 7
Number of Instrumentation:	1

3. Other Equipment:

Gamma Camera

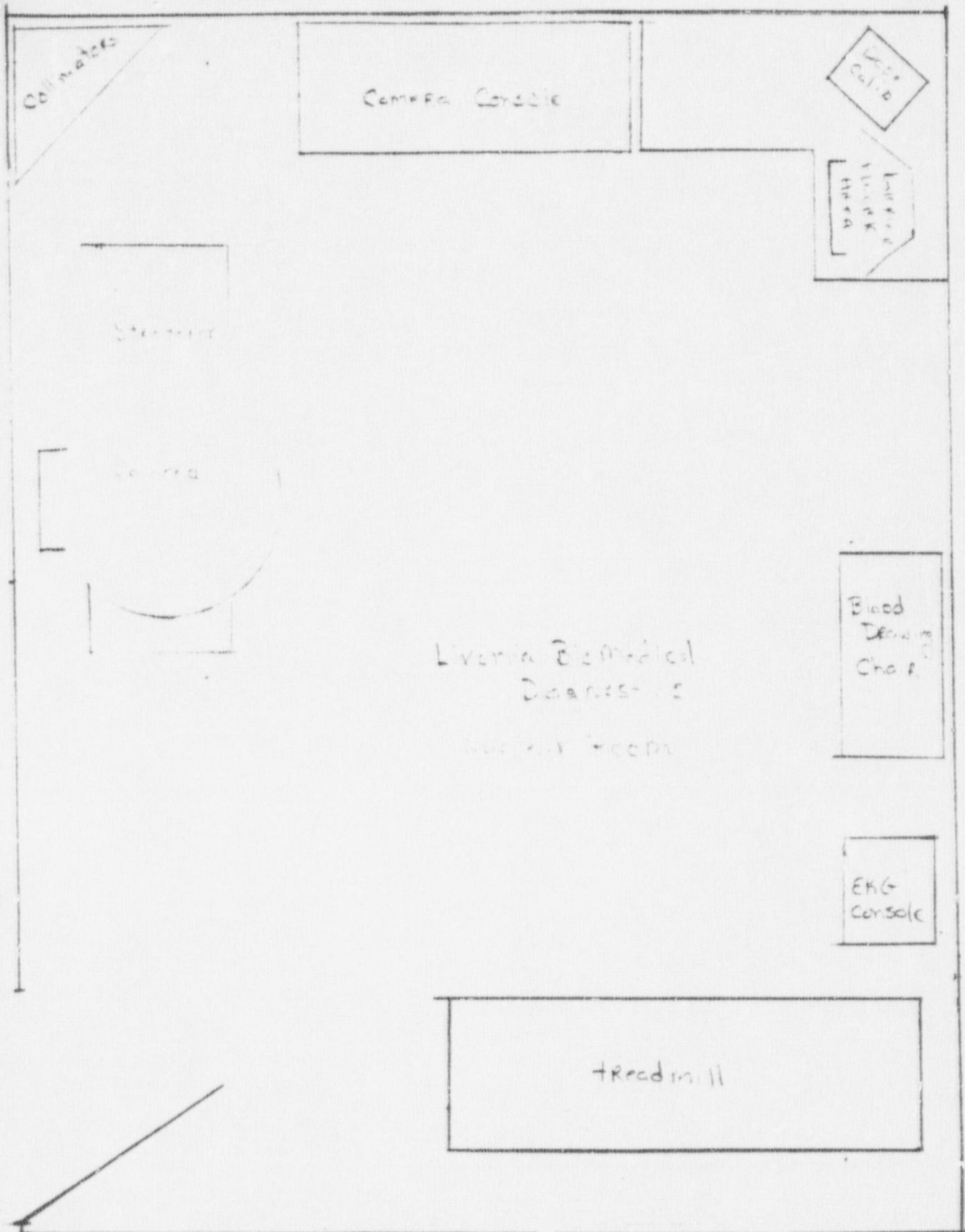
Manufacturer Name:	Medex
Manufacturer Model No.:	H510
Number of Instrumentation:	1





Livonia Biomedical  
Diagnostics

14 feet



18 feet

CONTROL NO. 82928

PRECEPTOR STATEMENT

Supplement B must be completed by the applicant physician's preceptor. If more than one preceptor is necessary to document experience, obtain a separate statement from each.

1. APPLICANT PHYSICIAN'S NAME AND ADDRESS		<p>KEY TO COLUMN C</p> <p>PERSONAL PARTICIPATION SHOULD CONSIST OF:</p> <p>1-Supervised examination of patients to determine the suitability for radioisotope diagnosis and/or treatment and recommendation for prescribed dosage.</p> <p>2-Collaboration in dose calibration and actual administration of dose to the patient including calculation of the radiation dose, related measurements and plotting of data.</p> <p>3-Adequate period of training to enable physician to manage radioactive patients and follow patients through diagnosis and/or course of treatment.</p>
FULL NAME		
STREET ADDRESS		
CITY	STATE	
<p>PAARMAL SURESH.</p> <p>2370 WALTON BLVD</p> <p>ROCHESTER. MI 48063</p>		

2. CLINICAL TRAINING AND EXPERIENCE OF ABOVE NAMED PHYSICIAN

ISOTOPE A	CONDITIONS DIAGNOSED OR TREATED B	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION C	COMMENTS (Additional information or comments may be submitted in duplicate on separate sheets.) D
I-131 or I-125	DIAGNOSIS OF THYROID FUNCTION		
	DETERMINATION OF BLOOD AND BLOOD PLASMA VOLUME		
	LIVER FUNCTION STUDIES		
	FAT ABSORPTION STUDIES		
	KIDNEY FUNCTION STUDIES		
	IN VITRO STUDIES		
OTHER			
I-125	DETECTION OF THROMBOSIS		
I-131	THYROID IMAGING		
P-32	EYE TUMOR LOCALIZATION		
Se-75	PANCREAS IMAGING		
Yb-169	CISTERNOGRAPHY		
Xe-133	BLOOD FLOW STUDIES AND PULMONARY FUNCTION STUDIES		
OTHER	Thallium 201 myocardial scans	254	
Tc-99m	BRAIN IMAGING		
	CARDIAC IMAGING		
	THYROID IMAGING		
	SALIVARY GLAND IMAGING		
	BLOOD POOL IMAGING (MUGA)		
	PLACENTA LOCALIZATION		
	LIVER AND SPLEEN IMAGING		
	LUNG IMAGING		
	BONE IMAGING		
OTHER			



PRECEPTOR STATEMENT (Continued)			
2. CLINICAL TRAINING AND EXPERIENCE OF ABOVE NAMED PHYSICIAN (Continued)		COMMENTS	
ISOTOPE	CONDITIONS DIAGNOSED OR TREATED	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION	(Additional information or comments may be submitted in duplicate on separate sheets)
A			
P-32 (Soluble)	TREATMENT OF POLYCYTHEMIA VERA, LEUKEMIA, AND BONE METASTASES		
P-32 (Colloid)	INTRACAVITARY TREATMENT		
I-131	TREATMENT OF THYROID CARCINOMA		
	TREATMENT OF HYPERTHYROIDISM		
Au-198	INTRACAVITARY TREATMENT		
Co-60 or Cs-137	INTERSTITIAL TREATMENT		
I-125 or I-192 Co-60 or Cs-137	INTRACAVITARY TREATMENT		
Si-90	INTERSTITIAL TREATMENT		
	TELETHERAPY TREATMENT		
Mo-99/Tc-99m	TREATMENT OF EYE DISEASE		
Sn-113/In-113m	RADIOPHARMACEUTICAL PREPARATION	5	
Tc-99m	GENERATOR	1	
Other	GENERATOR	5	
	REAGENT KITS		

Dr. Fresh a Fellow in Cardiology has offered the activity of the Nuclear Medicine Service for the tests and the periods outlined here. He has shown in performance and interpretation of cardiovascular Nuclear Medicine studies with 201 Thallium-chloride does multiple scanning for Ventricular not only

3. DATES AND TOTAL NUMBER OF HOURS RECEIVED IN CLINICAL RADIOISOTOPE TRAINING

January 1 to January 31, 1984

December 1, 1984 to May 31, 1985

Total 500 hours of Clinical Training

THE TRAINING AND EXPERIENCE INDICATED ABOVE WAS OBTAINED UNDER THE SUPERVISION OF:

NAME OF SUPERVISOR: Morelly L. Maayan, M.D.

NAME OF INSTITUTION: CIT Medical Center

ADDRESS: 31 Poly Place

CITY: Brooklyn, New York 11209

STATE: NY

MATERIAL LICENSE NUMBER(S): 31-022-03

FORM 313M SUPPLEMENT B

# PRECEPTOR STATEMENT (Continued)

## 2. CLINICAL TRAINING AND EXPERIENCE OF ABOVE NAMED PHYSICIAN (Continued)

ISOTOPE	CONDITIONS DIAGNOSED OR TREATED	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION	COMMENTS (Additional information or comments may be submitted in duplicate on separate sheets.)
A	B	C	D
P-32 (Soluble)	TREATMENT OF POLYCYTHEMIA VERA, LEUKEMIA, AND BONE METASTASES		<p>Dr. Fresh, a Fellow in Cardiology has headed the activity of the Nuclear Medicine Service for the tests and the periods outlined here. He has shown remarkable acumen in performance and interpretation of cardiovascular Nuclear Medicine Studies. (Myocardial Scanning with 201 Thallium-chloride and multiple gated Scanning for Ventricular activity)</p>
P-32 (Colloidal)	INTRACAVITARY TREATMENT		
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Sr-90	TREATMENT OF EYE DISEASE		
	RADIOPHARMACEUTICAL PREPARATION		
Mo-99/ Tc-99m	GENERATOR	5	
Sn-113/ In-113m	GENERATOR	5	
Tc-99m	REAGENT KITS	5	
Other			

### 3. DATES AND TOTAL NUMBER OF HOURS RECEIVED IN CLINICAL RADIOISOTOPE TRAINING

January 1 to January 31 1984  
December 1, 1984 to May 31, 1985

Total 500 hours of Clinical Training. 500 hours of Radioactive Handling.

### 4. THE TRAINING AND EXPERIENCE INDICATED ABOVE WAS OBTAINED UNDER THE SUPERVISION OF:

a. NAME OF SUPERVISOR

Morelly L. Maayan, M.D.

b. NAME OF INSTITUTION

V.A. Medical Center

c. MAILING ADDRESS

800 Poly Place

d. CITY

Brooklyn, New York 11209

### 5. MATERIALS LICENSE NUMBER(S)

31-02892-03

### 6. PRECEPTOR'S SIGNATURE

*Morelly L. Maayan*

### 7. PRECEPTOR'S NAME (Please type or print)

Morelly L. Maayan, M.D.

### 8. DATE

4/15/86



# Health Physics Services, Inc.

Hereby certifies that

*Pammal Suresh, M.D.*

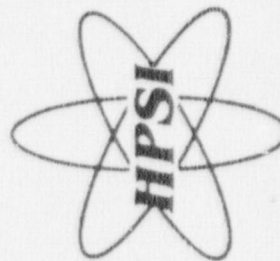
has satisfactorily completed the 200-hour Physician  
Training Program in Basic Radioisotope Handling

*Billy G. Bass*

Billy G. Bass, Ph.D.  
Course Director

*Larry W. Camper*

Larry W. Camper, M.S.  
Executive Vice President



*April 1986*

CONTROL NO. 82928

Diagnostic Radiology  
Nuclear Scans  
Cardiac Testing  
Ultrasound  
Pulmonary Function  
EEG--EMG

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Mr. McCann  
U. S. Nuclear Regulatory Commission  
Region 111  
Material Licensing Section  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

SUBJECT: Amendment of NRC License #21-20279-01

Log	Feb 10
Remitted	Troy Radiology
Check No.	81108
Amount	\$120
For	TC
Typed	and
Date Completed	2/10/87
By:	

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RECEIVED

FEB 10 1987

REGION III

CONTROL NO. 82928

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Diagnostic Radiology  
Nuclear Scans  
Cardiac Testing  
Ultrasound  
Pulmonary Function  
EEG—EMG

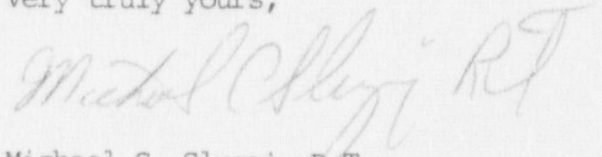
## BIOMEDICAL DIAGNOSTIC SERVICES

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Michael C. Sluga, R.T.

MCJ:ps

attachment

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Maximum Range:	2000 mR/hr

2. Dose Calibration

Manufacturer Name:	Capintec
Manufacturer Model No.:	CRC 7
Number of Instrumentation:	1

3. Other Equipment:

Gamma Camera

Manufacturer Name:	Medex
Manufacturer Model No.:	H510
Number of Instrumentation:	1