

MEDPS-40

Radioisotope Committee Reports

Chief, Consultant Branch
Chief, Medical Consultant Br.
Chief, Nuclear Medicine Br.
Chief, Radiology Branch
Chief, Occupational Health Br

Preventive Medicine Div

19 Feb 1965
Lt Col Goldstein/61961/pc

IN TURN

The following quarterly radioisotope reports are forwarded for your information, action and/or comment:

Brooke Army Medical Center, dated 12 January 1965

Fitzsimons General Hospital, dated 15 January 1965

Tripler Army Medical Center, dated 19 January 1965

William Beaumont General Hospital, dated 12 January 1965

✓ Ireland Army Hospital, dated 12 January 1965

Walter Reed Army Medical Center, 12 January 1965

Martin Army Hospital, dated 11 January 1965

USA General Hospital Lamstahl, dated 11 January, 1965

8 Incl
as

BERNARD L. GOLDSTEIN
Lt. Colonel, MEC
Preventive Medicine Division

Washington National Record Center
Office of the Army Surgeon General



IRELAND ARMY HOSPITAL

FORT KNOX, KENTUCKY

AIBKIH-H

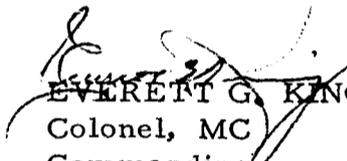
12 January 1965

SUBJECT: Radioisotopes in Human Use Activities, RCS MED-197
Quarterly Report for 4th Quarter 1964.

TO: The Surgeon General
Department of the Army
ATTN: MEDPS-PO
Washington, D. C. 20315

1. Copy of the Minutes of Radioisotope Committee Meeting held on 7 January 1965 is attached.
2. A list of quantities of radioisotopes procured, used, and disposed of during this period and in storage at the end of the 4th Quarter is attached.
3. No radioisotopes were used during this period which vary from the dosage range listed in Table I of the Appendix of AR 40-37.

1 Incl
Minutes


EVERETT G. KING
Colonel, MC
Commanding

Washington National Record Center
Office of the Army Surgeon General

MINUTES OF THE RADIOISOTOPE COMMITTEE

The quarterly meeting of the Radioisotope Committee was convened at 1030 hours on 7 January 1965 by the Chairman, Captain John C. Osmer.

Members in attendance were as follows:

Colonel Samuel H. Sandifer, Chief, Professional Services

Lt Colonel R. H. Quinn, Chief, Preventive Medicine

Lt Colonel Erwin Zimov, Chief, Supply Section

Captain John C. Osmer, Chief, Radiology Service
and Radiation Protection Officer

Captain Melvin C. Williams, Chief, Department of Medicine
and Chief, Radioisotope Laboratory

Regular members that were absent:

Major Michael E. Stebler, MC, Chief, Laboratory Service

The numbers of patients and procedures handled by the Isotope Laboratory were reviewed. The continued increase in the laboratory activity was noted.

Captain George M. Grames, MC, an internist, presented his educational biography and AEC form 313a to the committee. These are enclosed with the quarterly committee report. The committee approved Captain Grames as a user of radioisotopes at this hospital.

Major Michael E. Stebler, MC has been appointed Chief of the Laboratory Service since the last committee meeting. He replaces Captain J. A. Stobbe, MC. This officer's educational and medical biography is attached to this report.

The laboratory efficiency is being partially curtailed by additional mechanical failures in the obsolete scanner. Continued effort will be made to obtain funds for a new scanner.

Minutes Of The Radioisotope Committee (continued)

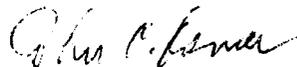
Funds became available this quarter for purchase of the following necessary items of new equipment:

- (1) Transistorized scaler.
- (2) Pulse height discriminator
- (3) Transistorized pre-amplifiers for the magna probe and well counter.
- (4) Probe collimator

Captain Melvin C. Williams received notification of available funds for a research project with ^{51}Cr . RBC hemolysis in mononucleosis will be studied. Some of the equipment to be purchased with these funds:

- (1) micro-centrifuge
- (2) pipette cleaning apparatus
- (3) biologic refugerator
- (4) uptake probe and scaler

No other business was pending and the meeting was adjourned.



JOHN C. OSMER
Captain MC
Chairman

MAJOR MICHAEL E. STEBLER, MC

1952 - BS - Pharmacy - University of Georgia
1955 - MD - University of Tennessee
1955-1956 - Internship - Sacred Heart Hospital,
Allentown, Pennsylvania
1958-1960 - Pathology residency - Walter Reed General Hospital
1962-1964 - Pathology residency - Tripler General Hospital
Isotope Training - 2 months - Tripler General Hospital
1964 - Certified - American Board of Pathology

CAPTAIN GEORGE M. GRAMES, MC

1956 - BA - Columbia Union College - Maryland
1960 - MD - Loma Linda University - Los Angeles, California
School of Medicine
1960-1961 - Internship - Walter Reed General Hospital
1961-1963 - Internal Medicine Residency - Walter Reed General
Hospital
Isotope Training - 480 hours - Walter Reed General Hospital

I NUMBER OF PATIENTS AND PROCEDURES, 4TH QUARTER 1964

OCTOBER 1964

Thyroid scans I	131	-	30
Thyroid uptakes I	131	-	40
Thyroid Therapy I	131	-	3
Schilling's Test Co	57	-	4
PBI Conversion Ratio I	131	-	6
Thyroid T I	131	-	40
	3		
			<hr/>
			123 Procedures 40 Patients

NOVEMBER 1964

Thyroid scans I	131	-	28
Thyroid uptakes I	131	-	31
Thyroid Therapy I	131	-	5
Schilling's Test Co	57	-	0
Conversion ratio I	131	-	7
PBI			
Thyroid T I	131	-	60
	3		
			<hr/>
			131 Procedures 35 Patients

DECEMBER 1964

Thyroid scans I	131	-	15
Thyroid uptakes I	131	-	18
Thyroid Therapy I	131	-	4
Schilling's Test Co	57	-	2
PBI Conversion ratio I	131	-	6
Thyroid T I	131	-	50
	3		
			<hr/>
			95 Procedures 30 Patients

II RADIOISOTOPES PROCEDURES USED, DISPOSED OF DURING THE 4TH
QUARTER 1964 AND IN STORAGE AT END OF THE PERIOD.

OCTOBER 1964

1 OCTOBER 1964

Theriodide I¹³¹ Tc - 043

Received 8 caps or 8 mc

Used 8 caps or 8 mc

Disposed 0 caps or 0 uc

1 OCTOBER 1964

Theriodide I¹³¹ Tc - 043

Received 8 caps or 8 mc

Used 8 caps or 8 mc

Disposed 0 caps or 0 mc

1 OCTOBER 1964

Radiocaps I¹³¹ Rc - 460c
Rc - 462A
Rc - 463X

Received 40 caps or 2.17 mc

Used 29 caps or 1.57 mc

Disposed 11 caps or 601 uc

57 days .0077 601 uc = 4.6 uc

13 OCTOBER 1964

Oriodide I¹³¹ I-305-145

Received 2.7 ml or 3 mc

Used 2.7 ml or 3 mc

Disposed 0 ml or 0 mc

II RADIOISOTOPES PROCEDURES USED, DISPOSED OF DURING THE 4TH
QUARTER 1964 AND IN STORAGE AT END OF THE PERIOD.

OCTOBER 1964 (CONTINUED)

20 OCTOBER 1964

¹³¹
Oriodide I I-310-119
Received 100 ml or 3 mc
Used 55 ml or 1.65 mc
Disposed 45 ml or 1.35 mc

36 days .047 1.35 mc = .0635 mc

NOVEMBER 1964

3 November 1964

¹³¹
Oriodide I I-317 -138
Received 100 ml or 3 mc
Used 30 ml or 900 uc
Disposed 70 ml or 2.1 mc

23 days .14 2.1 mc = .294 mc

4 NOVEMBER 1964

¹³¹
Oriodide I I-318-202
Received 2.6 ml or 15 mc
Used 2.6 ml or 15 mc
Disposed 0 ml or 0 mc

10 NOVEMBER 1964

¹³¹
Oriodide I I-322-112
Received 7.4 ml or 10 mc
Used 7.4 ml or 10 mc
Disposed 0 ml or 0 mc

II RADIOISOTOPES PROCEDURES USED, DISPOSED OF DURING THE 4TH
QUARTER 1964 AND IN STORAGE AT END OF THE PERIOD.

NOVEMBER 1964 (CONTINUED)

10 NOVEMBER 1964

Oriodide I ¹³¹ I-319-170

Recieved 3 mc

Used .96 mc

Disposed 2.04 mc

16 days .26 2.04 mc = .53 mc

17 NOVEMBER 1964

Oriodide I ¹³¹ I-324-152

Recieved 3 mc

Used 3 mc

Dksposed 0 mc

17 NOVEMBER 1964

Oriodide I ¹³¹ I-324-144

Recieved 3 mc

Used 1.26 mc

Disposed 1.74 mc

49 days .015 1.74 mc = .026 mc

24 NOVEMBER 1964

Oriodide I ¹³¹ I-329-128

Recieved 3 mc

Used 0 mc

Disposed 3 mc

42 days .028 3 mc = .084 mc

II RADIOISOTOPES PROCEDURES USED, DISPOSED OF DURING THE 4TH
QUARTER 1964 AND IN STORAGE AT END OF THE PERIOD.

24 NOVEMBER 1964

¹³¹
Oriodide I I-329-139

Received 5 mc

Used 5 mc

Disposed 0 mc

24 NOVEMBER 1964

¹³¹
Oriodide I I-329-139a
Received 6 mc

Used 6 mc

Disposed 0 mc

2 NOVEMBER 1964

¹³¹
Oriodide I I-312 -154

Received 3 mc

Used 1.65 mc

Disposed 1.35 mc

30 days .078 1.35 mc = .151 mc

1 DECEMBER 1964

¹³¹
Oriodide I I-331-147

Received 3 mc

Used .54 mc

Disposed 2.46 mc

35 days .051 2.46 mc = .125 mc

8 DECEMBER 1964

¹³¹
Oriodide I I-335-116

Received 3 mc

Used 1.11 mc

On hand 1.89 mc

II RADIOISOTOPES PROCEDURES USED, DISPOSED OF DURING THE 4TH
QUARTER 1964 AND IN STORAGE AT END OF THE PERIOD.

15 DECEMBER 1964

Oriodide I¹³¹ I-339-175

Received 6 mc

Used 5 mc

On hand 1 mc

16 DECEMBER 1964

Oriodide I¹³¹ I-341-146

Received 8 mc

Used 5 mc

On hand 3 mc