



DEPARTMENT OF THE ARMY
HEADQUARTERS IRELAND ARMY HOSPITAL
FORT KNOX, KENTUCKY 40121

ARM2.950129.003

AIBKIH-H

12 July 1965

SUBJECT: Radioisotopes in Human Use Activities, RCS MED-197
Quarterly Report for 2nd Quarter 1965.

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 6 July 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 2d Quarter 1965 is attached.
3. No radioisotopes were used during this period which vary from the dosage range listed in Table 1 Of the Appendix of AR 40-37.

1 Incl
Minutes


EVERETT G. KING
Colonel, MC
Commanding

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MINUTES OF THE RADIOISOTOPE COMMITTEE

The quarterly meeting of the Radioisotope Committee was convened at 1400 hours on 6 July 1965 by the Chairman, Major John C. Osmer.

Members in attendance were as follows:

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

Lt Colonel Erwin Zimov, Chief, Supply Section

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

Major Michael E. Stebler, Chief, Laboratory Service

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

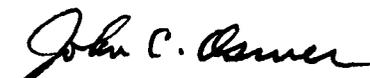
Major Williams leaves on PCS orders on 12 July 1965. Capt. George Grames, who was certified as an isotope user by the committee in January 1965, was named as his replacement as Chief of the Isotope Laboratory and Acting Chief, Department of Medicine. Capt. Grames' credentials, including AEC Form 313a, were inclosed in the January 1965 committee report.

A larger laboratory facility was made available on the 9th floor of the hospital beginning 1 July 1965. A floor plan of this area is inclosed. Work order requests for moving the exhaust hood and the laying of a new (vinyl) floor in the new laboratory are being acted on by the Post Engineers.

The active function of the isotope laboratory has been made more efficient by the installation of a new magna scanner during this quarter.

The Sr ⁹⁰ applicator is presently being re-calibrated by Tracerlab.

No other business was pending and the meeting was adjourned.


JOHN C. OSMER
Major MC
Chairman

I NUMBER OF PATIENTS AND PROCEDURES, SECOND QUARTER 1965

APRIL 1965

Uptakes - 25

Therapy - 1

Schillings - 4

T - 60

³
RBC survival

Procedures - 42

132

35 patients

MAY 1965

Uptakes - 34

Scans - 45

Therapy - 2

T - 60

³
RBC survival - 126

Procedures

Fat Absorbtion - 4

271 procedures

60 patients

JUNE 1965

Uptakes - 30

Scans - 45

Therapy - 3

T - 60

³
RBC Survival

Procedures - ~~242~~

Schillings - 4

384. procedures

60 patients

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II RADIOISOTOPES
PROCEDURES USED, DISPOSED OF DURING THE SECOND QUARTER 1965 AND IN STORAGE
AT END OF THE PERIOD.

30 MARCH 1965

¹³¹
Oriodide I I-394-139

Received 3 mc

Used .45 mc

Disposed 2.55 mc

41 days .030 2.55 mc = .077 mc

1 APRIL 1965

¹³¹
Oriodide I I-396-112

Received 5 mc

Used 5 mc

Disposed 0 mc

8 APRIL 1965

¹³¹
Oriodide I I-399-167

Received 3 mc

Used .30 mc

Disposed 2.70 mc

46 days .020 2.7 mc = .054 mc

13 APRIL 1965

¹³¹
Oriodide I I-400-141

Received 3 mc

Used .18 mc

Disposed 2.82 mc

41 days .030 2.82 mc = .085 mc

20 APRIL 1965

⁵¹
Rachromate Cr Cr-648-61

Received 2 mc

Used 1.706

Disposed .294 mc

71 days .17 .294 mc = .05 mc

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II RADIOISOTOPES

~~PROCEDURES USED~~, ~~DISPOSED~~ ~~OR~~ DURING , SECOND QUARTER 1965 (Con't),
AND IN STORAGE AT END OF PERIOD.

20 APRIL 1965

¹³¹
Oriodide I I-403-150

Received 3 mc

Used .210 mc

Disposed 2.79 mc

34 days .055 2.79 mc = .153 mc

27 APRIL 1965

¹³¹
Oriodide I I-408-123

Received 3 mc

Used .630 mc

Disposed 2.37 mc

28 days .092 2.37 mc = .218 mc

4 MAY 1965

¹³¹
Oriodide I I-410-156

Received 3 mc

Used 1.65 mc

Disposed 1.35 mc

20 days .18 1.35 mc = .243 mc

11 May 1965

¹³¹
Oriodide I I-417-133

Received 3 mc

Used 1.35 mc

Disposed 1.65 mc

13 days .33 1.65 mc = .545 mc

18 MAY 1965

²⁰³
Neohydrin Hq NH-341-8

Received 1 mc

Used .70 mc

Disposed .30 mc

38 days .559 .30 mc = .168 mc

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II RADIOISOTOPES

PROCEDURES USED, DISPOSED OF DURING, SECOND QUARTER 1965 (Con't)

AND IN STORAGE AT END OF THE PERIOD.

18 MAY 1965

¹³¹
 Oriodide I I-418-163
 Received 3 mc
 Used .78 mc
 Disposed 2.22 mc

39 days .036 2.22 mc = .08 mc

20 MAY 1965

¹³¹
 Oriodide I I-421-136
 Received 5 mc
 Used 5 mc
 Disposed 0 mc

21 MAY 1965

¹⁹⁸
 Aurcoscan Au GD-017
 Received 4 mc
 Used 4 mc
 Disposed 0 mc

25 MAY 1965

¹³¹
 Theriodide I TC-209
 Received 4 mc
 Used 4 mc
 Disposed 0 mc

25 MAY 1965

¹³¹
 Oriodide I I-424-106
 Received 3 mc
 Used .81 mc
 Disposed 2.19 mc

36 days .047 2.19 mc = .103 mc

1 JUNE 1965

¹³¹
 Oriodide I I-427-147
 Received 3 mc

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11. RADIOISOTOPES
 PROCEDURES USED, DISPOSED OF DURING, SECOND QUARTER 1965 (Con't)
 1 June 65 (con't) AND IN STORAGE AT END OF PERIOD.

Used .60 mc
 Disposed 2.40 mc
 36 days .047 2.40 mc = .113 mc

2 JUNE 1965

Chlormerodrin Hg ²⁰³ 67 GA-42-1

Received 1 mc

Used 1 mc

Disposed 0 mc

3 JUNE 1965

Auriotope Au ¹⁹⁸ 55 M 30

Received 20 mc

Used 10 mc

Disposed 10 mc

33 days .0002 10 mc = .002 mc

8 JUNE 1965

Oriodide I ¹³¹ I-431-143

Received 3 mc

Used .48 mc

Disposed 2.52 mc

24 days .13 2.52 mc = .328 mc

18 MAY 1965

Risa I ¹³¹ X-581A-20

Received 1 mc

Used 1 mc

Disposed 0 mc

11 JUNE 1965

Oriodide I ¹³¹ I-433-145

Received 8 mc

Used 8 mc

Disposed 0 mc

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II RADIOISOTOPES.

PROCEDURES USED, DISPOSED OF, DURING, SECOND QUARTER 1965 (con't)
AND IN STORAGE AT END OF PERIOD.

15 JUNE 1965

¹³¹
Oriodide I I-434-134

Received 3 mc

Used 1.50 mc

Disposed 1.50 mc

21 days .17 1.50 mc = .255 mc

23 JUNE 1965

¹³¹
Oriodide I I-440-145

Received 6 mc

Used 4.78 mc

Disposed 1.22 mc

22 days .15 1.22 mc = .183 mc

23 JUNE 1965

¹³¹
Oriodide I I-440-145

Received 6 mc

Used 6 mc

Disposed 0 mc

8 JUNE 1965

⁵¹
Rachromate Cr Cr-659-43

Received 2 mc

Used .50 mc

On hand 1.50 mc

22 JUNE 1965

²⁰³
Neohydrin Hg NH-347-29

Received 2 mc

Used .42 mc

On hand 1.58 mc

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II RADIOISTOPES PROCEDURES USED, DISPOSED OF DURING THE SECOND QUARTER 1965
and IN STORAGE AT END OF THE PERIOD.

22 JUNE 1965

Aurcoloid Au ¹⁹⁸ G-218A-5

Received 20 mc

Used 15.23 mc

On hand 4.77 mc

22 JUNE 1965

Risa I ¹³¹ X-591A-27

Received 1 mc

Used 1.5 mc

On hand .5 mc

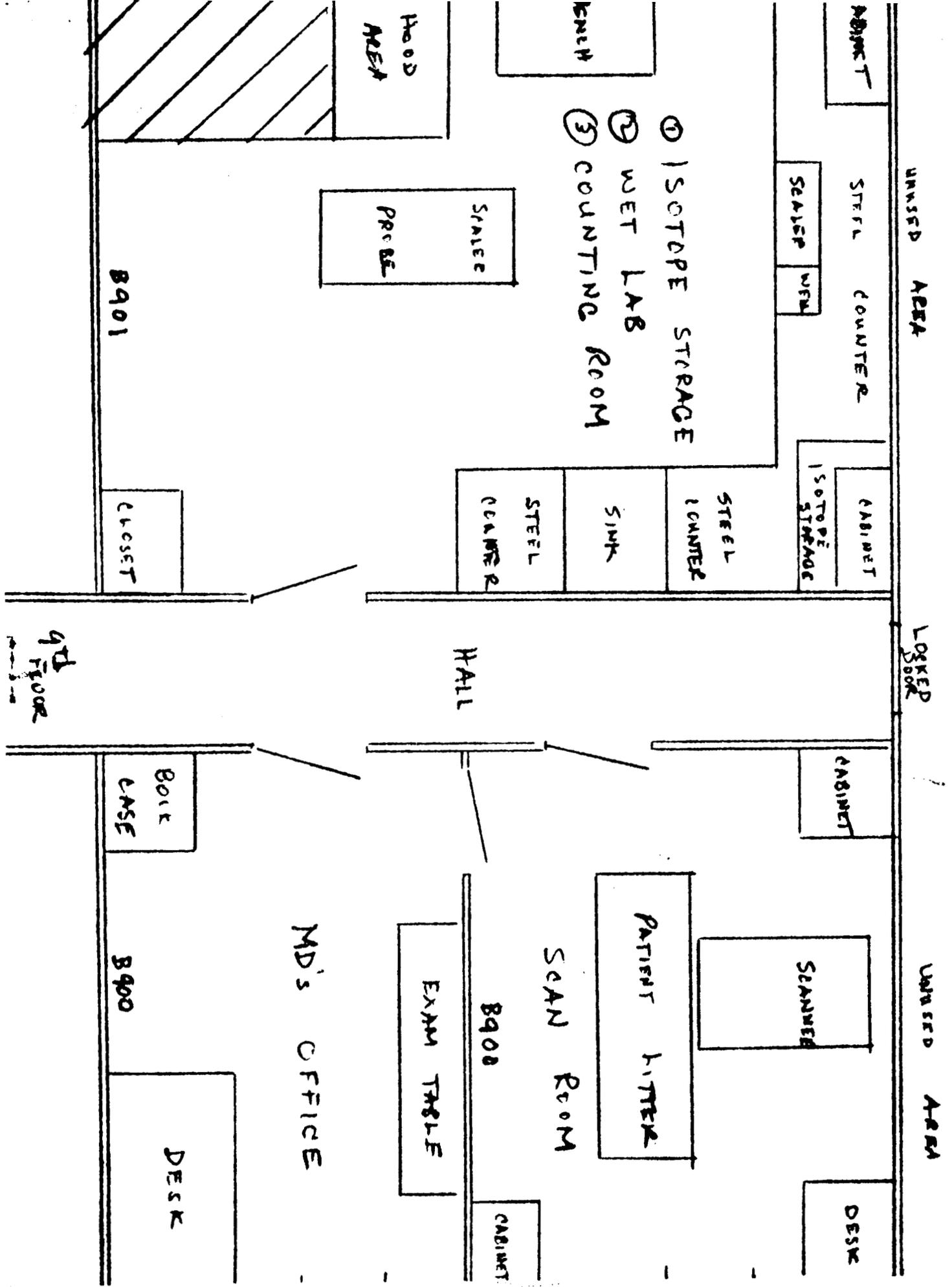
21 MAY 1965

Trioleotope I ¹³¹ G 89Q76

Received 5 caps

Used 2 caps

On hand 3 caps



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