

12.21
abnormalities among the relatively small population of 69 people, an increase of five since last September. You will remember that six of these cases have been operated upon, one of whom turned out to have a cancer of the thyroid. In view of the importance of these findings, early hospitalization is indicated in the case of these five additional people. The Trust Territory personnel on the survey concurred regarding the necessity of these special examinations.

The following Rongelap people are involved:

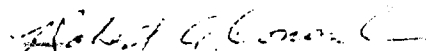
<u>Name</u>	<u>Age</u>	<u>Sex</u>	<u>Location</u>	<u>Parents</u>
	13	F	Rongelap	
	46	F	Rongelap	
	13	F	Ebeye	
	13	F	Ebeye	
	20	F	Majuro	

, a school teacher at Rongelap, who speaks excellent english, has agreed to accompany the patients as interpreter. He indicates that school will not be in session during the time of the proposed trip.

The following plan is proposed: (1) Before May 1--pick up the people at Rongelap (and when one of the three ships in the Marshalls stops there, bringing them to Ebeye. Also return from Majuro to Ebeye. (2) May 2-6--the Trust Territory representatives at Kwajalein indicate that their wives would be glad to help purchase a few necessary items of clothing for the Marshallese group (to be paid for by the AEC). (3) May 6--MAC flight to Hickam. (It is presumed that your office will issue the necessary

your confidence and assistance in carrying out these plans
greatly appreciated.

Sincerely,


Robert A. Conard, M.D.

RAC:bb

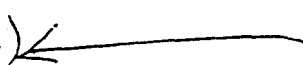
cc: Mrs. Van Cleve
Dr. C. L. Dunham
Dr. V. P. Bond
Director of Medical Services, Saipan
DISTAD, Marshalls
District Director of Medical Services, Marshalls
Dr. J. B. Deisher
Trust Territory Representative, Kwajalein
AEC, Honolulu
Director of Medical Services, Ebeye

<u>Age at Exposure</u>	<u>No. Exposed</u>	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>% of Group</u>
1- 5	13	9	69.0	2	15.0	11	84.6
6-10	5	4	80.0	-	-	3	80.0
11-15	5	0	0	-	-	0	0
16-20	6	0	0	-	-	0	0
>20	26	2	7.7	-	-	2	7.7
	<u>55</u>	<u>15</u>				<u>16</u>	

Individual Status Regarding Nodules; Effects of Therapy With Hormone

- 6 Cases with surgery--no recurrence noted. (1 case of malignancy of thyroid not completely studied yet.)
- 1 Case with definite nodule--showed regression of nodule. 3 other cases with questionable changes in September showed no detectable abnormalities in March (2 on hormone, 1 not).
- 3 Cases--nodules did not regress or slightly increased (though presumably on T-4 therapy).
- 2 Cases with questionable changes in September (not included in statistics at that time) showed definite abnormalities in March. Presumably on hormone.
- 3 New cases of nodular goitre. However, all 3 on inadequate hormone therapy.
- 1 Case with nodule in September not seen in March since she was away on a distant island (included in above table, however).

5 Ailingnae children--no nodules; 1 adult with nodule.

67 R (200-600 rem) 

Permission was obtained from the parents of children listed below for hospitalization and surgery.

- 1) F, 13 5 mm. nodule right lower pole; probably new. Taking hormone.
- 2) F, 13 Hard 5 mm. nodule left lobe. On therapy.
- 3) F, 13 Nodular enlargement entire gland. Firm 5 mm. nodule left lobe. On therapy.
- 4) F, 20 1 cm. nodule left lobe. On therapy.
- 5) F, 46 5 mm. nodule midline. About same size as 6 months ago. on hormone.

It was decided that since the other 3 new cases (3 boys) with nodular goitre had not had adequate hormone treatment they would be given a treatment trial for six months, and these cases would be reevaluated at the end of that time.

Utirik Thyroid Examinations

About 110 of exposed people examined.

About 60 exposed as children showed no thyroid pathology.

In older adults two cases of nodules: 47, F; 57, F.

Control Populations at Rongelap and Utirik

3 of 294

Between the two islands nearly 200 unexposed people had thyroids examined.

Around 2% had nodules, all in older age groups (>47 years of age).

No unexposed children with nodules.

* to be accompanied by Interpreter (Billiet, School Teacher)

PRIVACY ACT MATERIAL REMOVED

RAC:bb

REPOSITORY P.N.N.L.
COLLECTION Marshall Islands
BOX No. 5687
FOLDER Marshall Islands 1966

DOCUMENT **DOES NOT** CONTAIN ECI

Reviewed by DJ. Kresner Date 4/30/97
