

CURRENT STATUS OF EXPOSED MARSHALLESE

I Young Rongelapese, 0-10 years ATE. Dose: 175 rad + (600-1400) rem. 19
 a. Sprue 2
 b. Hypothyroid + Thyroidectomy 3
 c. Resected by Surgery (Nodularity) 14
 (Adenomatous Goiter) 3
 (Marshall's Cell Tumor) 1
 (Malignant Papillary Adenoma) 1

II Young Ailinginae, 0-10 years ATE. Normal. Dose: 69 rad. 6

III Adult Rongelapese ATE. Dose: 175 rad + 160 rem. 34
 a. Papillary Carcinoma excised, age 41. 1
 b. Extensive Adenoma 1

IV Adult Ailinginae ATE. Dose: 69 rad. 8

V Adult and Young Utirikese ATE. Dose: 8 rad. 180
 a. Malignant Follicular Adenoma excised. 1

VI Control Populations of Ebeye, Makuru, Rongelap, Utirik 200
 a. No thyroid disease

THYROID DISEASE IN MARSHALLESE

<u>AGE AT EXAMINATION</u>	<u>THYROID DISEASES</u>	<u>THYROID NODULES</u>	<u>SURGERY</u>	<u>MALIGNANT</u>
1-10	177	33% (1/3)	1	0
11-20	200	0 (0/1)	0	0
21-30	810-1150	89% (17/19)*	15	1
31-40	100	100% (2/2)	1	0
41-50	100	25 (1/5)	0	0
51-60	100	1% (1/9)	0	0
61-70	100	11 (5/11)	1	2
71-80	100	50% (7/14)	3	0
81-90	100	6% (6/9)	1	1
91-100	100	100% (3/3)	3	0

*INCIDENCE OF HYPERTHYROIDISM WITHOUT NODULES