

regimen, there is question as to whether she should have further surgery.

11 (58%)

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Total - 34

1. Papillary carcinoma removed surgically at age 41.
No recurrence. Taking oral thyroid hormone therapy. 1
2. Small nodule at age 40 which disappeared under oral
thyroid hormone therapy. 1
3. This patient operated on in 1969 for removal of
an invasive adenoma; has recovered satisfactorily. 1

(All the above in I and II who underwent surgery appear to be in good health without evidence of recurrence.)

- III. Surviving adult Ailinginae people exposed to fallout. (Estimated dose: 70 rads external gamma irradiation.)

Total - 8

1. Adenomatous goiter removed at age 45; recovered and was
on thyroid therapy. Died of influenza in 1968.

- IV. Surviving adult Utirik people exposed to fallout. (Estimated dose: 14 rads external gamma plus 15 rem internal irradiation.)

Total - 120

1. One person developed a nodular thyroid gland and
underwent surgery in 1969. As the tissue resembled
a follicular adenoma in frozen section, a total
thyroidectomy was performed; histologic sections
confirmed the diagnosis and upgraded the degree of
malignancy. She has recovered satisfactorily.

2. One person with slight enlargement of one lobe of the thyroid to be treated conservatively and observed.

One case of nodular thyroid has been found in a non-exposed Rongelap woman living on Ebeye. Thyroid surgery has been recommended for this patient at Majuro Hospital. No other instances of thyroid abnormalities have been found in the control populations living on Utirik, Majuro or Ebeye.

It appears that the exposed populations have stabilized so far as the thyroid reactions are concerned. Since the delayed reactions by the thyroid are a possibility, Dr. Conard proposes that this population continue to be kept under observation.

Dr. Conard notes that the Bikini people now living on Kili are putting increasing pressure on the Trust Territory for return to the Atoll before the restoration is complete and the land can support a population. This movement may cause the Trust Territory to ask that all radiologic and safety activities be accelerated so that decisions can be made as to construction of homes, cisterns, etc., ahead of schedule.

A low key public announcement of the above observations is being considered by the Brookhaven public relations office.

Sincerely,

E. G. ENGLISH

E. G. English
General Manager

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