

Table 1. Thyroid cancer after exposure of children to irradiation for various indications: Cohort and Screening Studies in Children³

Study/Indication	Observed cases	Expected cases	Mean radiation dose (Sv)	Average excess RR at 1Sv
Life Span Study (0-19y)	59	22.2	0.26	*6.3 (95% CI: 5.1-10.1)
Israeli Tinea Capitis	43	10.7	0.1	*34 (95% CI: 23-47)
Rochester Thymus	37	2.7	1.4	* 9.5 (95% CI: 6.9-12.7)
Lymphoid Hyperplasia	13	5.4	0.24	*5.9 (95% CI: 1.8-11.8)
Michael Reese Tonsils	309	110.4	0.6	*3.0 (95% CI: 2.6-3.5)
Total	436	--	--	*4.4 (95% CI: 1.9-10.1)

Sv: Organ dose, RR: Relative Risk, *Significant