

Table 2.10. Studies of HTLV-1 and non haematological malignancies

Reference, location, name of study	Cohort description	Detection method	No. of cases/deaths	Relative risk (95% CI)	Adjustment for potential confounders	Comments
Arisawa et al. (2003) (Nagasaki prefecture, Japan)	4 136 subjects (subgroup of the Japan Public Health Center-based Prospective Study on Cancer and Cardiovascular Diseases cohort est. in 1993)	PA assay for anti-HTLV-1, medical histories for cause of death	All deaths 290	1.5 (1.2–1.9)	age, gender, other covariates	For mortality, data were reported separately for gastric, liver and lung cancer but no excess risks were observed. [Incidence data were reported for 13 cancer sites other than ATLL and no excess cases were observed.]
			All deaths excluding ATLL 280	1.3 (1.0–1.7)		
			All neoplasms 139	1.5 (1.0–2.1)		
			All neoplasms excluding ATLL 129	1.1 (0.77–1.7)		
Matsumoto et al. (2008) (Nagasaki prefecture, Japan)	497 HTLV-1 seropositive patients and 497 HTLV-1-negative patients, who had been tested for HTLV-1 antibodies during 1989–1990, later underwent gastric endoscopy during follow-up	PAA for anti-HTLV-1, EIA for IgG antibodies to <i>H. pylori</i> Histological examination	<i>H. pylori</i> positivity	HTLV-1 positive 61.7% HTLV-1 negative 71.6%	age, gender, observation period	
			Gastric cancer: 14 cases (incidence, 2.8% (3.0 cases/yr /1000 population) among HTLV-1-positive, 35 cases (incidence, 7.3 cases /yr /1000 population) among HTLV-1-negative		age, gender, observation period	

Table 2.10. Studies of HTLV-1 and non haematological malignancies

Reference, location, name of study	Cohort description	Detection method	No. of cases/deaths	Relative risk (95% CI)	Adjustment for potential confounders	Comments
Li et al. (2004) (USA)	21 thymoma patients treated at the Indiana University Cancer Center and 20 patients with other cancers and 20 blood donors (serology controls) HTLV-1 antibody by EIA and WB; HTLV-1 pol and tax PCR Thymoma Controls		<u>EIA +</u> 0/14 1/20 <u>Western blot +</u> <u>0/14</u> <u>0/20</u> <u>PCR +</u> <u>0/14</u> <u>ND</u>			No evidence for HTLV or human foamy virus in US thymoma

DRAFT