

APPENDIX

Table A1: Active TB risk amongst patients with Genito-urinary and Gastrointestinal cancers

TUMOUR SUBGROUP	Number with Cancer	Number with Active TB	Adjusted HR (95% CI)
Genito-Urinary			
Bladder	855	0	NA
Prostate	3012	10	1.2 (0.6, 2.3)
Kidney	607	1	1.1 (0.2, 7.8)
Gastrointestinal			
Esophagus and stomach	918	2	2 (0.5, 8.1)
Large intestine and rectum	3020	9	2.3 (1.2, 4.4)

Liver, Pancreas, Gallbladder, and small intestinal malignancies not shown.

Table A2: Sensitivity analysis, testing models with different population inclusion criteria

Model #	Model description	# people deleted (w/ prevalent cancers)	# people included in analysis	# TB cases included in analysis	Adj HR, Lung cancer
1	Age 15+	2,014	1,000,764	2,585	11.2 (7.4-16.9)
2	Age 30+	2,558	800,489	2,071	11.2 (7.4-16.9)
3	All ages	1,961	1,046,759	2,634	11.5 (7.6-17.4)
4	Age 15+, excluding LTBI	2,010	995,828	2,575	11.4 (7.5-17.1)

Table A3: Active TB risk stratified by TB incidence of country of origin in foreign born individuals with cancer

Cancer Type	TB Incidence 0 -100 HR (95% CI)	TB Incidence > 100 HR (95% CI)	All Regions HR (95% CI)
Lung	3.1 (0.4, 23.2)	12.4 (8.1, 18.8)	11.2 (7.4, 16.9)
Gastrointestinal	3.8 (1.2, 12.4)	2.5 (1.5, 4.3)	2.7 (1.7, 4.4)
Leukemia	3.9 (0.5, 29.3)	5.9 (3.1, 11.0)	5.6 (3.1, 10.2)
Lymphoma	6.5 (1.5, 27.9)	4.7 (2.5, 8.8)	4.9 (2.7, 8.8)
Head and Neck	NA	1.2 (0.2, 8.8)	1.1 (0.2, 7.9)
Genitourinary	NA	0.4 (0.1, 2.8)	0.3 (0.0, 2.4)
Other	NA	1.3 (0.4, 4.1)	1.2 (0.4, 3.8)
Sarcoma	15.3 (2.1, 109.3)	7.2 (2.7, 19.3)	8.1 (3.3, 19.5)
Skin	NA	1.4 (0.3, 6.0)	1.1 (0.2, 4.6)
Neural	NA	2.9 (0.4, 22.1)	2.5 (0.3, 18.9)
Breast	NA	1.4 (0.6, 3.1)	1.2 (0.5, 2.6)
Gynecologic	4.2 (1.0, 17.1)	NA	0.5 (0.1, 2.1)
Prostate	2.9 (0.7, 11.7)	1.1 (0.5, 2.1)	1.2 (0.6, 2.3)
Any Cancer	2.7 (1.5, 4.9)	2.4 (1.9, 3.1)	2.5 (2.0, 3.1)

Other: other/unknown cancer type

NA: Not applicable as 0 ATB cases recorded.