

Table 2.20. Case-control studies of second-hand tobacco smoke and cancer of the testis

Reference, study location and period	Organ site (ICD code)	Characteristics of cases	Characteristics of controls	Exposure assessment	Exposure categories	(Case/Control) Relative risk (95% CI)*	Adjustment for potential confounders	Comments
McGlynn (2006) USA	Testicular Germ Cell Tumors	754 cases; 2002–2005; Have at least one serum sample stored in the Department of Defence Serum Repository	928 controls; each case matched to four possible controls (within 1 year); race; date of serum sample draw (within 30 days)	Self administered questionnaire Computer assisted telephone interview Linked to Defence Medical Surveillance System and to other military medical databases	<i>Smokers in household</i>	<i>Overall</i>	Age, race, cryptorchism, and family history of testicular cancer	
					No	(264/341) 1.0 (ref)		
					Yes	(486/583) 1.1 (0.9–1.3)		
					Mother	(316/390) 1.0 (0.9–1.3)		
					Father	(356/446) 1.0 (0.8–1.3)		
					Both Parents	(212/272) 1.0 (0.8–1.3)		
						<i>Seminoma</i>		
					No	(109/341) 1.0 (ref)		
					Yes	(210/583) 1.1 (0.8–1.5)		
					Mother	(140/390) 1.1 (0.8–1.5)		
					Father	(152/446) 1.0 (0.8–1.4)		
					Both Parents	(92/272) 1.0 (0.7–1.4)		
						<i>Nonseminoma</i>		
No	(154/341) 1.0 (ref)							
Yes	(276/583) 1.1 (0.9–1.4)							
Mother	(176/390) 1.1 (0.8–1.4)							
Father	(204/446) 1.1 (0.8–1.4)							
Both Parents	(120/272) 1.1 (0.8–1.4)							
	<i>Mother smoked while pregnant (no/yes)</i>	<i>Overall</i>	(86/116) 0.9 (0.6–1.2)					
		<i>Seminoma</i>	(37/116) 0.9 (0.5–1.3)					
		<i>Nonseminoma</i>	(49/116) 0.9 (0.6–1.4)					