

Table 2.25. Case-control studies on tobacco smoking and adenocarcinoma of the oesophagus

Reference, Country and years of study	Smoking categories	Relative risk (95% CI)	Comments
Lindblad et al. (2005) UK 1994-2001	Non smoker	1.0	Adjusted for sex, age, calendar year, BMI, alcohol consumption and reflux
	Ex-smoker	1.07 (0.70-1.64)	
	Current smoker	1.45 (1.06-1.99)	
	Unknown status	0.88 (0.57-1.34)	
Hashibe et al. (2007a) Czech Republic, Poland, Romania and Russia 2000-2002	Non smoker	1.0	Adjusted for age, sex, education, BMI, fruit intake, vegetable intake, center, alcohol drinking (years and grams ethanol/week)
	Former smoker	2.52 (0.85-7.42)	
	Current smoker	2.38 (0.80-7.04)	
	<i>Frequency (cigarettes/day)</i>		
	1-10	1.93 (0.45-8.32)	
	10-19	2.04 (0.65-6.38)	
	20-19	3.24 (1.03-10.22)	
	≥30	3.04 (0.71-12.93)	
	<i>Duration (years)</i>		
	1-9	2.09 (0.46-9.41)	
	10-19	2.60 (0.64-10.61)	
	20-29	3.67 (1.2-11.29)	
	30-39	2.91 (0.82-10.41)	
	40-49	0.82 (0.09-7.66)	
≥50			
<i>Pack-years</i>			
1-9	1.17 (0.22-6.23)		
10-19	2.85 (0.78-10.46)		
20-29	1.76 (0.45-6.95)		
30-39	4.90 (1.47-16.35)		
≥40	2.37 (0.68-8.20)		

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Pandeya et al. (2008) Australia 2001-2005	Never smoker	1.0	Adjusted for sex, age, education, frequency of aspirin use, average alcohol intake, BMI in the past year, heartburn or acid reflux
	Former smoker	1.46 (1.05-2.02)	
	Current smoker	2.51 (1.66-2.82)	
	<i>Age at starting (years)</i>		
	<15	1.57 (1.04-2.39)	
	15-16	1.60 (1.07-2.38)	
	17-18	1.56 (1.02-2.39)	
	>18	2.01 (1.31-3.08)	
	<i>Duration (years)</i>		
	≤15	1.29 (0.82-2.03)	
	15.01-25	1.43 (0.91-2.23)	
	25.01-35	1.73 (1.16-2.59)	
	>35	2.22 (1.50-3.29)	
	<i>Intensity (cigarettes/day)</i>		
	0-9	0.88 (0.51-1.51)	
	10-19	2.12 (1.44-3.14)	
	20-25	1.69 (1.15-2.47)	
>25	1.89 (1.23-2.90)		
<i>Cumulative dose (pack-years)</i>			
≤10	1.14 (0.75-1.75)		
10.01-20	1.69 (1.08-2.65)		
20.01-30	1.62 (1.00-2.61)		
>30	2.26 (1.56-3.28)		