

Table 2.4. Case-control studies of HBsAg positivity and NHL

Reference and location	Subjects	Seroprevalence of HBsAg				OR	95% CI	Comments
		Cases		Controls				
		No.	%	No.	%			
Cucuianu <i>et al.</i> (1999) Romania	Men and women	68	39.7	943	6.3	NR	NR	Age & sex of controls not reported HCV co-infection common but not statistically analysed
Kuniyoshi <i>et al.</i> (2001) Japan	Men and women	348	4.9	1513358	2.2	NR	NR	Blood donor controls
Kim <i>et al.</i> (2002) Korea	Men and women	All 222	12.6	1.Non-haem cancer controls 439	7.3	1.9	1.1–3.8	Adjusted for smoking, alcohol, transfusion history and HCV. HIV excluded
				2.Non-cancer controls 444	4.7	3.9	1.9-7.9	
		B cell 136	14.0			2.4	1.2–5.0 (Control 1)	
						4.6	2.0–10.3 (Control 2)	
		T cell 58	6.9			0.6	0.1–2.5 (Control 1)	
						1.0	0.2–4.5 (Control 2)	
Talamini <i>et al.</i> (2004) Italy	Men and women	225	3.8	504	0.9	4.1	1.2–14.4	All cases HIV negative, controls not tested. One NHL case co-infected with HCV. Adjusted for HCV Hospital controls
Marcucci <i>et al.</i> (2006) Italy	Men and women	399 B cell	8.5	392	2.8	3.7	1.8–7.7	All HIV negative Adjusted for HCV, age, sex, level of education and place of birth

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Wang <i>et al.</i> (2007) China	Men and women	All	586	27.0	1237	15.0	2.1	1.7-2.7	All HIV negative. 3 cases and 12 controls HCV+
		B cell		30.0			2.6	2-3.4	
		T cell		20.0			1.2	0.8-1.8	
Sonmez <i>et al.</i> (2007) Turkey	Men and women	All	109	3.7	551	5.3	0.7	0.2-2.1	Unclear if this is an adjusted OR
Park <i>et al.</i> (2008) Korea	Men and women	All	235	14.0	235	8.1	1.9	1.0-3.4	HIV not tested but very rare in Korea at time Adjusted for age, sex not HCV HCV not associated on univariable analysis Significant association limited to B cell lymphoma
		B cell		15.5			2.1	1.1-3.9	
		T cell		7			0.8	0.3-2.5	
Anderson <i>et al.</i> (2008)	Men and women	All	33940	0.2	122531	0.2	0.97	0.72-1.29	HIV not tested but excluded if medical claim made

Non-haem ca, non-haematological cancer controls; NR, not reported