Table 4 Logistic regression analysis of different risk factors of exposure to hepatitis B virus (HBV infection)

Variable	OR	SE	z-value	P-value	95% CI
Married	3.82	2.13	2.41	0.016	1.28–11.4
History of blood or blood product transfusion	3.04	1.62	2.09	0.037	1.07–8.65
History of schistosomiasis treatment by injection	2.49	0.91	2.49	0.013	1.21–5.12

Logistic regression analysis of different risk factors significantly associated with exposure to HBV shows that marriage and history of blood transfusion had more prominent effect (OR 3.82 and 3.04 respectively that was followed by history of anti-bilharzial treatment by injection

OR = odds ratio; SE = standard error; CI = confidence interval.