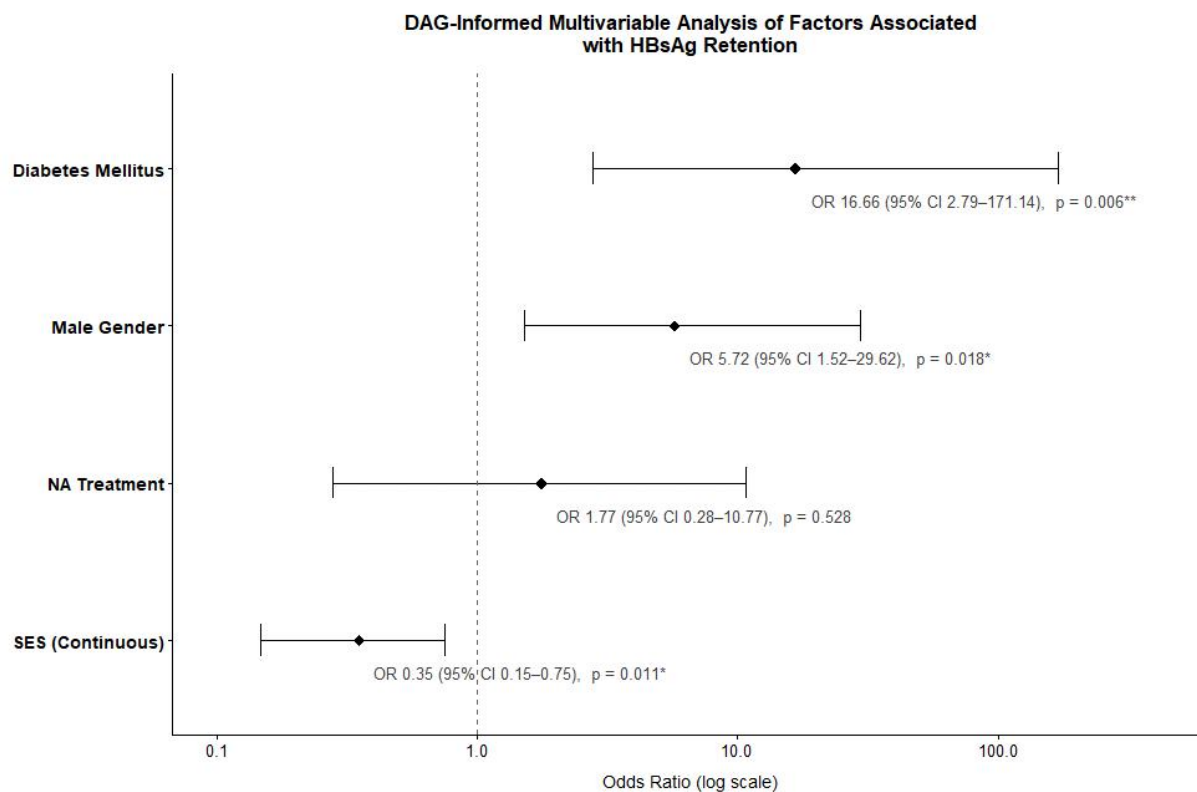
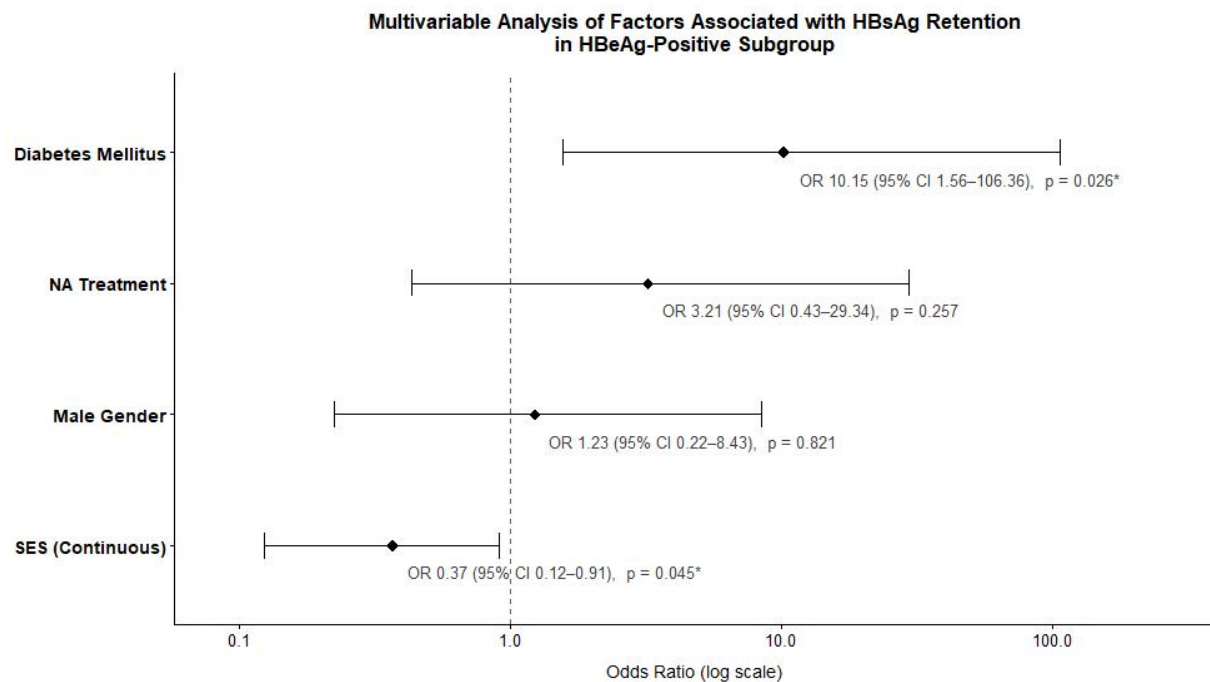




Supplementary Figure 1 DAG-informed multivariable analysis of factors associated with HBsAg retention. SES, socioeconomic status; OR, odds ratio; NA, nucleos(t)ide analogues.



Supplementary Figure 2 DAG-informed multivariable analysis of factors associated with HBsAg retention in the subgroup analysis of HBeAg positive patients only. SES, socioeconomic status; OR, odds ratio; NA, nucleos(t)ide analogues

Supplementary Table 1 Clinical presentation of patients with chronic HBV and patients who achieved functional cure (Mean results)

	Total (n=78) ¹	Chronic HBV (n=27) ¹	Functional Cure (n=51) ¹	p-value ²
ALT (IU/mL)	1064 ± 821	608 ± 616	1,296 ± 820	<0.001
AST (IU/mL)	645 ± 512	435 ± 500	752 ± 489	0.013
Total Bilirubin (mg/dL)	6.91 ± 6.3	5.03 ± 6.64	7.81 ± 6.04	0.089
Direct Bilirubin (mg/dL)	3.68 ± 3.71	2.92 ± 4.62	4.08 ± 3.11	0.3
Alkaline Phosphatase (IU/mL)	158 ± 77	140 ± 73	167 ± 81	0.14
GGT (IU/mL)	175 ± 117	157 ± 125	181 ± 115	0.5

¹ n(%); ² Welch two sample T-test

ALT, alanine aminotransferase; AST, aspartate aminotransferase; GGT, gamma glutamyl transferase.

Supplementary Table 2 Comparison of Multivariable Models

Original model: full cohort (N=78) | SA1: excluding diabetic patients (N=69) | SA2: excluding low SES

Predictor	OR (95% CI) (Original, N=78)	p-value	OR (95% CI) (No DM, N=69)	p-value	OR (95% CI) (No Low SES, N=38)	p-value
Diabetes Mellitus	16.66 (2.8-171.14)	0.006	-	-	34.8 (2.91-1278.2)	0.01
Male Gender	5.72 (1.52-29.62)	0.02	7.31 (1.67-52.48)	0.02	4.13 (0.38-141.1)	0.31
SES (Continuous)	0.35 (0.15-0.75)	0.01	0.26 (0.09-0.62)	0.006	0.89 (0.1-6.6)	0.91
NA Treatment	1.77 (0.28-10.77)	0.53	1.81 (0.27-12.28)	0.53	10.03 (0.88-142.1)	0.06
patients (N=38)						

SA, sensitivity analysis; SES, socioeconomic status; DM, diabetes mellitus; NA, nucleos(t)ide analogues.

Supplementary Table 3 Patient Characteristics of HBeAg positive patients only

	Chronic HBV (n=18)	Functional cure (n=31)
Age	39.3 ± 18.3	39.0 ± 14.9
BMI (Kg/m ²)	27.0 ± 7.0	26.7 ± 8.7
Male	15 (83.3)	25 (80.6)
SES - High	2 (11.1%)	8 (25.8%)
SES - Medium	4 (22.2%)	12 (38.7%)
SES - Low	12 (66.7%)	11 (35.5%)
Diabetes Mellitus	5 (27.8%)	2 (6.5%)
Alcohol use	1 (5.6%)	2 (6.5%)
Smoking	2 (11.1%)	5 (16.1%)

SES, socioeconomic status.