Supplementary Table S1. Baseline laboratory values in benign vs malignant cases

Variable	Benign Median (IQR)	Malignant Median (IQR)
Age (years)	60 (50–65)	60 (50.5–65)
BMI (kg/m²)	31.20 (27.74–34.04)	28.73 (28.40–33.20)
WBC (×10⁹/L)	7.83 (6.21–9.16)	7.20 (6.26–8.64)
Platelet (×10⁹/L)	266.5 (233.8–307.3)	264.0 (220–312.5)
Neutrophils (×10⁹/L)	4.40 (3.65–5.37)	4.26 (3.55–5.41)
Lymphocytes (×10⁹/L)	2.25 (1.75–2.82)	1.95 (1.62–2.54)
Monocytes (×10⁹/L)	0.55 (0.45–0.69)	0.58 (0.53–0.75)
CRP (mg/L)	3.75 (2.10–8.18)	4.80 (2.85–16.20)
Albumin (g/L)	42.0 (40.25–45.75)	41.0 (39.5–43.5)
Total bilirubin (mg/dL)	0.385 (0.288–0.513)	0.410 (0.265–0.580)
Direct bilirubin (mg/dL)	0.155 (0.110–0.208)	0.165 (0.123–0.285)
ALT (U/L)	18 (12–25)	16 (11.5–24.5)
AST (U/L)	20 (15–25)	20 (15–24.5)
GGT (U/L)	25 (18.5–47.8)	23 (14–30.5)

Supplementary Table S2. Inflammatory and Nutritional Indices

Variable	Benign Median (IQR)	Malignant Median (IQR)
NLR	1.98 (1.44–2.51)	2.21 (1.67–2.72)
dNLR	1.43 (1.13–1.82)	1.54 (1.18–1.85)
PLR	119.9 (92.8–158.7)	122.3 (102.9–169.5)
LMR	3.99 (3.30–5.05)	3.54 (2.77–4.05)
MLR	0.25 (0.20–0.30)	0.28 (0.25–0.36)
SII	521.0 (417.4–669.2)	549.5 (418.1–878.5)
CAR	0.089 (0.053–0.190)	0.128 (0.063–0.387)
ALI	730.3 (548.5–894.9)	497.4 (493.9–668.8)
CALLY Index	0.00248 (0.00116–0.00449)	0.00188 (0.000466–0.00337)

Legend:
Diagnostic performance metrics were calculated using ROC curves based on logistic regression–derived predicted probabilities. Optimal threshold represents the Youden index (sensitivity + specificity – 1).

Supplementary Table S3. ROC Performance and Optimal Cut-off Values

Index	AUC	Optimal Cut-off (Youden)	Sensitivity	Specificity	PPV	NPV
ALI	**0.690**	**0.253**	**0.556**	**0.833**	0.417	**0.897**
LMR	0.639	0.194	**0.842**	0.447	0.276	**0.919**
CALLY	0.602	0.237	0.316	**0.932**	0.545	0.841
NLR	0.577	0.198	0.579	0.618	0.275	0.855
PLR	0.549	~0.18	**0.895**	0.263	0.233	**0.909**
SII	0.545	0.201	0.474	0.737	0.310	0.848
dNLR	0.532	0.199	**0.947**	0.237	0.237	**0.947**

Legend: *Diagnostic performance metrics were calculated using ROC curves based on logistic regression–derived predicted probabilities. Optimal threshold represents the Youden index (sensitivity + specificity – 1).*