

Table S1 Diagnostic performance of hematologic parameters for the differential diagnosis of testicular torsion and epididymitis regardless of symptom duration

Parameters	AUC (95% confidence interval)	Cutoff value	Sensitivity (%)	Specificity (%)	PPV (%)	NPV (%)
WBC count	0.648 (0.597–0.716)	9.65	62.6	60.5	63.6	59.5
Neutrophil count	0.682 (0.615–0.750)	5.98	70.1	64.7	68.7	66.4
Hemoglobin level	0.560 (0.488–0.632)					
Platelet count	0.388 (0.318–0.457)					
Lymphocyte count	0.374 (0.305–0.443)					
Monocyte count	0.512 (0.440–0.583)					
PDW	0.387 (0.313–0.461)					
MPV	0.803 (0.749–0.858)	9.25	74.0	72.3	74.6	71.7
MCV	0.515 (0.443–0.588)					
Neutrophil ratio	0.700 (0.634–0.766)	63.25	73.3	68.1	71.6	69.8
Lymphocyte ratio	0.305 (0.239–0.731)					
Monocyte ratio	0.410 (0.340–0.480)					
NLR	0.686 (0.620–0.753)	2.53	69.5	68.1	70.5	66.9
PLR	0.553 (0.481–0.624)					

AUC, area under the curve; PPV, positive predictive value; NPV, negative predictive value; WBC, white blood cell; PDW, platelet distribution width; MPV, mean platelet volume; MCV, mean corpuscular volume; NLR, neutrophil-to-lymphocyte ratio; PLR, platelet-to-lymphocyte ratio.