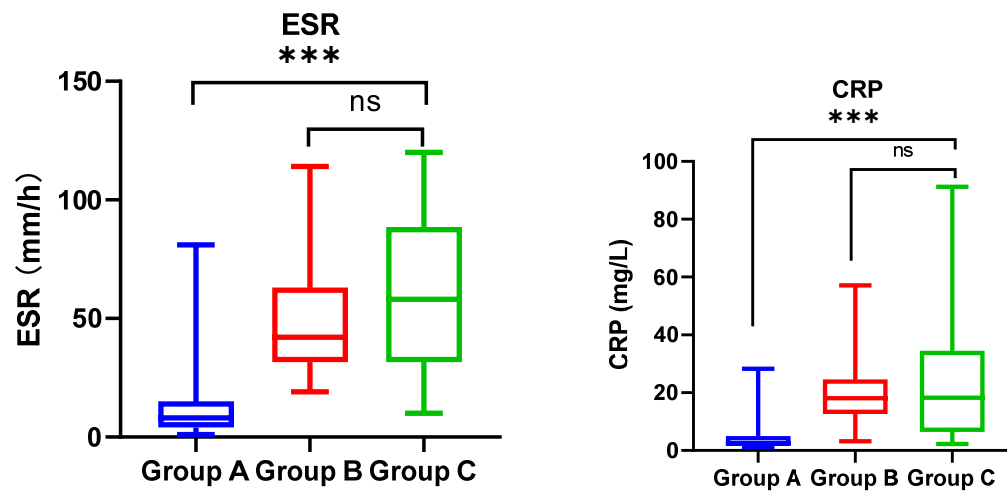


Supplement Figure S1. Scatterplots showing the concentration of ESR and CRP in the three groups. *p-value < 0.05; **p-value < 0.01; *** p-value< 0.001; **** p-value< 0.0001



Supplement Table S1. Receiver operating characteristic analysis of ESR and CRP level between the PJI and aseptic loosening groups.

Markers	Cut-off value	AUC (95%CI)	Sensitivity (95%CI)	Specificity (95%CI)
ESR (mm/h)	40	0.719 (0.6912 to 0.8427)	73.64 (59.46% to 86.12%)	71.15 (57.47% to 82.27%)
CRP (mg/L)	11.3	0.781(0.6710 to 0.8450)	81.13 (68.30% to 90.16%)	67.67 (53.31% to 82.08%)

CRP, C-reactive protein; ESR, erythrocyte sedimentation rate, CI, confidence interval