

**Table 2.** Baseline clinical and laboratory factors predicting overall and major amputations.

	Overall amputations (n = 213)			Major amputations (n = 84)		
	OR	P value	95% CI	OR	P value	95% CI
Age	1.732	0.018	1.099 – 2.73	1.107	0.75	0.593 – 2.066
Gender (Male)	1.405	0.071	0.972 – 2.031	1.379	0.227	0.819 – 2.324
Type of diabetes (Type-2)	0.746	0.522	0.304 – 1.831	0.97	0.962	0.27 – 3.386
Diabetes duration	1.44	0.159	0.867 – 2.391	1.707	0.094	0.913 3.192
Previous insulin use	1.2	0.317	0.84 – 1.716	1.062	0.809	0.651 – 1.735
Hypertension	1.337	0.094	0.952 – 1.878	1.16	0.533	0.727 – 1.851
Coronary artery disease	1.722	0.002	1.217 – 2.435	1.474	0.104	0.923 – 2.352
Smoking	1.412	0.048	1.003 – 1.986	2.041	0.003	1.278 – 3.257
Retinopathy	1.088	0.638	0.766 – 1.544	1.196	0.473	0.733 – 1.951
Nephropathy	1.06	0.736	0.756 – 1.485	0.939	0.79	0.591 – 1.492
Neuropathy	0.466	0.001	0.296 – 0.732	0.642	0.132	0.360 – 1.144
Limb ischemia	6.174	<0.001	4.149 – 9.188	13.208	<0.001	5.652 – 30.866
Osteomyelitis	4.55	<0.001	3.172 – 6.526	3.632	<0.001	2.225 – 5.928
Ulcer diameter (cm)	1.595	0.159	0.833 – 3.055	3.976	<0.001	1.903 – 8.306
Gangrene (Wagner grades 4 and 5)	23.959	<0.001	14.043 – 40.878	11.912	<0.001	7.025 – 20.196
Ulcer depth (Wagner grade 3 vs. 1 and 2)	7.835	<0.001	4.622 – 13.283	9.062	<0.001	3.039 – 27.025
Creatinine (mg/dl)	1.873	0.073	0.943 – 3.719	1.237	0.651	0.492 – 3.112
Hemoglobin (g/dl)	1.843	0.021	1.095 – 3.102	2.266	0.008	1.253 – 4.468
WBC (x 10 <sup>9</sup> cells/L)	4.504	<0.001	2.371 – 8.556	3.357	<0.001	1.702 – 6.62
PNL (x 10 <sup>9</sup> cells/L)	3.388	<0.001	1.722 – 6.666	1.964	0.126	0.827 – 4.666
PLT (x 10 <sup>9</sup> cells/L)	1.803	0.041	1.023 – 3.178	1.54	0.247	0.741 – 3.203
*Albumin (g/dl)	2.255	0.007	1.247 – 4.076	2.513	0.01	1.252 – 5.044
ESR (mm/h)	3.871	<0.001	2.208 – 6.787	5.684	<0.001	3.058 – 10.568
CRP (mg/dl)	5.25	<0.001	2.801 – 9.842	3.086	0.001	1.548 – 6.149
A1c (%)	1.106	0.702	0.66 – 1.855	0.706	0.413	0.306 – 1.626

ALT: Alanine aminotransferase, AST: Aspartam aminotransferase, A1c: Hemoglobin A1c, BMI: Body mass index, BUN: Blood urea nitrogen, CI: Confidence interval, CRP: C-reactive protein, ESR: Erythrocyte sedimentation rate, OR: Odds ratio, PLT: Platelet count, PNL: Polymorphonuclear leukocyte count, WBC: White blood cell count. Creatinine: for SI units multiply by 88.4

The estimates given are from univariate logistic regression models. For continuous parameters, the Odds ratios were standardized to express the risk associated with a 1 standard deviation increase. Levels of acute phase reactants were obtained from 386 diabetic foot ulcer episodes. \*OR for serum albumin level was standardized to express the risk associated with a 1 standard deviation decrease