

Table 1. Baseline characteristics of patients with healed and unhealed ulcers, and those who underwent amputation.

	Amputation (n = 213)	Unhealed (n = 81)	Healed (n = 280)	Total (n = 574)
Age (years) [†]	64.60 ± 9.69	62.30 ± 9.05	61.27 ± 11.45	62.65 ± 10.6
Males n (%)	154 (72.3)	55 (67.9)	182 (65)	391 (68.1)
Type-2 diabetes n (%)	204 (95.8)	81 (100)	269 (96.1)	554 (96.5)
Diabetes duration (years) [†]	17.42 ± 9.89	16.00 ± 8.82	14.63 ± 8.69	15.87 ± 9.26
Previous insulin use n (%)	146 (68.5)	52 (64.2)	178 (63.6%)	376 (65.5)
Hypertension [†] n (%)	126 (59.2)	49 (60.5)	135 (48.2)	310 (54)
Coronary artery disease [†] n (%)	96 (45.1)	31 (38.3)	87 (31.1)	214 (37.3)
Smoking [†] n (%)	97 (45.5)	37 (45.7)	101 (36.1)	235 (40.9)
BMI (kg/m ²) [†]	25.56 ± 3.73	26.41 ± 4.31	27.26 ± 4.98	26.53 ± 4.53
Retinopathy n (%)	137 (64.3)	52 (64.2)	174 (62.1)	363 (63.2)
Nephropathy n (%)	113 (53.1)	41 (50.6)	148 (52.9)	302 (52.6)
Neuropathy [†] n (%)	165 (77.5)	67 (82.7)	251 (89.6)	483 (84.1)
Limb ischemia ^{†‡§} n (%)	172 (80.8)	48 (59.3)	101 (36.1)	321 (55.9)
Osteomyelitis ^{†‡§} n (%)	133 (62.4)	39 (48.1)	58 (20.7)	230 (40.1)
Right foot n (%)	123 (57.7)	50 (61.7)	161 (57.5)	334 (58.1)
Ulcer diameter (cm) [†]	5.03 ± 3.85	5.07 ± 4.10	4.19 ± 3.06	4.63 ± 3.55
Site of ulcer ^{†‡§}				
Toe n (%)	131 (61.5)	18 (22.2)	110 (39.3)	259 (45.1)
Fore-foot n (%)	50 (23.4)	30 (37)	49 (17.5)	129 (22.5)
Mid-foot n (%)	8 (3.8)	8 (9.9)	34 (12.1)	50 (8.7)
Hind-foot n (%)	18 (8.4)	14 (17.3)	55 (19.6)	87 (15.1)
Leg n (%)	6 (2.9)	11 (13.6)	32 (11.5)	49 (8.6)
Wagner score ^{†‡§}				
1 n (%)	2 (0.9)	3 (3.7)	53 (18.9)	58 (10.1)
2 n (%)	18 (8.5)	35 (43.2)	154 (55)	207 (36.1)
3 n (%)	69 (32.4)	38 (46.9)	57 (20.4)	164 (28.6)
4 n (%)	113 (53.1)	5 (6.2)	15 (5.4)	133 (23.2)
5 n (%)	11 (5.2)		1 (0.4)	12 (2.1)
Creatinine (mg/dl)	1.85 ± 1.61	1.53 ± 1.21	1.62 ± 1.49	1.69 ± 1.51
BUN (mg/dl)	31.12 ± 17.94	27.77 ± 13.94	28.11 ± 16.79	28.19 ± 16.94
ALT (U/L)	20.82 ± 12.18	22.42 ± 20.41	19.37 ± 10.96	20.29 ± 12.95
AST (U/L)	23.17 ± 18.49	24.04 ± 23.11	20.44 ± 18.34	21.92 ± 19.02
Hemoglobin (g/dl)	11.13 ± 1.9	12.14 ± 2.15	11.97 ± 2.02	11.68 ± 2.04
*WBC (cells/μL) ^{†‡}	12.56 ± 5.55	9.86 ± 3.06	9.84 ± 3.96	10.98 ± 4.73
*PNL (cells/μL) ^{†‡}	9.95 ± 5.54	6.78 ± 2.74	7.01 ± 3.95	8.13 ± 4.75
*PLT (cells/μL) ^{†‡}	349.16 ± 112.51	280.89 ± 105.78	304.18 ± 121.83	318.5 ± 118.59
*Albumin (g/dl) ^{†‡}	3.55 ± 0.54	3.79 ± 0.64	3.91 ± 0.60	3.75 ± 0.61
*ESR (mm/h) ^{†‡}	73.87 ± 32.41	54.96 ± 29.22	52.75 ± 30.03	61.28 ± 32.39
*CRP (mg/dl) ^{†‡}	108.76 ± 90.22	35.23 ± 42.35	50.35 ± 70.67	71.45 ± 82.01
A1c (%)	9.02 ± 2.25	8.66 ± 2.18	8.96 ± 2.22	8.94 ± 2.22

The results are given as mean ± SD

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

[†] Amputation vs. healed ulcer, p < 0.05; [‡] Amputation vs. unhealed ulcer, p < 0.05; [§] Healed ulcer vs. unhealed ulcer, p < 0.05, * Levels of acute phase reactants were obtained from 386 diabetic foot ulcer episodes