

## Impact of Diabetes Mellitus on Heart Failure Patients: Insights from a Comprehensive Analysis and Machine Learning Model Using the Jordanian Heart Failure Registry [Corrigendum]

Izraiq M, Almousa E, Hammoudeh S, et al. *Int J Gen Med.* 2024;17:2253–2264.

The authors have advised that there are percentage errors in the DM (n=1388) and No DM (n=619) columns in Table 1 on page 2256. The correct Table 1 is as follows.

**Table 1** Clinical Characteristics of Diabetic and Non-Diabetic Patients with Heart Failure

Variable, n (%)		DM (n=1388)	No DM (n=619)	p-value
Sex	Male	753 (54.25%)	405 (65.43%)	<0.001*
	Female	618 (44.52%)	210 (33.39%)	
Age	<40	21 (1.51%)	41 (6.62%)	<0.001*
	40–49	75 (5.4%)	56 (9.05%)	
	50–59	187 (13.47%)	114 (18.42%)	
	60–69	379 (27.31%)	114 (18.42%)	
	≥70	620 (44.46%)	245 (39.58%)	
Clinical Presentation	Fatigue	368 (26.52%)	137 (22.13%)	0.105
	Dyspnea	1067 (76.91%)	445 (71.89%)	0.267
	Orthopnea	520 (37.46%)	179 (28.92%)	0.001*
	Chest pain	425 (30.63%)	167 (26.98%)	0.430
	Palpitations	127 (9.15%)	46 (7.43%)	0.314
Hypertension	PND	403 (29.04%)	137 (22.13%)	0.006*
	No	189 (13.62%)	197 (31.83%)	<0.001*
BMI	Yes	1193 (86.38%)	422 (68.17%)	<0.001*
	Normal	182 (13.11%)	119 (19.23%)	
Smoking	Overweight	271 (19.53%)	155 (25.04%)	<0.001*
	Obese	350 (25.21%)	89 (14.37%)	
Alcohol	No	1025 (73.86%)	349 (56.78%)	<0.001*
	Yes	357 (25.72%)	270 (43.62%)	
Dyslipidemia	No	610 (43.95%)	610 (98.54%)	<0.001*
	Yes	3 (0.22%)	9 (1.46%)	
Obesity	No	545 (39.26%)	298 (48.14%)	<0.001*
	Yes	837 (60.34%)	321 (51.86%)	
Family History of Premature Death	No	1263 (91.01%)	577 (93.22%)	0.165
	Yes	119 (8.58%)	42 (6.78%)	
Chronic Kidney Disease	No	1309 (94.32%)	585 (94.51%)	0.847
	Yes	73 (5.26%)	34 (5.49%)	
History of ASCVD	No	1023 (73.72%)	517 (83.52%)	<.001*
	Yes	359 (25.87%)	102 (16.48%)	
Atrial Fibrillation	No	180 (12.97%)	89 (14.38%)	0.324
	Yes	860 (61.94%)	369 (59.61%)	
Atrial Fibrillation	No	702 (50.58%)	321 (51.86%)	0.321
	Yes	338 (24.35%)	137 (22.13%)	

(Continued)

Table I (Continued).

Variable, n (%)		DM (n=1388)	No DM (n=619)	p-value
History of Implanted Device	No	999 (71.98%)	439 (70.92%)	0.851
	Yes	41 (2.95%)	19 (3.07%)	
History of Structural Heart Disease	No	988 (71.18%)	426 (68.82%)	0.124
	Yes	52 (3.75%)	32 (5.17%)	
History of Heart Failure	No	238 (17.15%)	119 (19.23%)	0.260
	Yes	1139 (82.06%)	495 (79.97%)	
Type of Heart Failure	HFpEF	386 (32.1%)	138 (25.6%)	0.006*
	HFrEF	815 (67.9%)	402 (74.4%)	
Mechanical Ventilation	No	889 (64.04%)	342 (55.25%)	0.624
	Yes	43 (3.10%)	19 (3.07%)	
Number of Hospital Admissions	0	546 (39.32%)	249 (40.23%)	0.966
	1	268 (19.31%)	118 (19.06%)	
	2	106 (7.64%)	45 (7.27%)	
	>2	173 (12.47%)	76 (12.28%)	
Death	No	1249 (89.98%)	565 (91.27%)	0.365
	Yes	139 (10.02%)	54 (8.73%)	
Ejection Fraction (%), mean $\pm$ SD		39 $\pm$ 12.6	36.6 $\pm$ 13	<0.001*
PASP (mmHg), mean $\pm$ SD		26.7 $\pm$ 22.8	27.8 $\pm$ 22.8	0.570
Echo LVH (mm), mean $\pm$ SD		16.9 $\pm$ 27.3	15.8 $\pm$ 20	0.544
Echo LAE (mm)		25.1 $\pm$ 19.5	26.8 $\pm$ 20	0.125
SBP (mmHg)	Normal	756 (54.48%)	391 (63.17%)	0.016*
	>140	77 (5.55%)	22 (3.55%)	
DBP (mmHg)	Normal	951 (68.52%)	441 (71.24%)	0.388
	>90	64 (4.61%)	24 (3.88%)	
Length of Hospital Stay, mean $\pm$ SD		6.28 $\pm$ 7.42	6.22 $\pm$ 7.84	0.152

**Note:** \*Statistical significance was determined with a p-value  $\leq$  0.05.

**Abbreviations:** DM, Diabetes Mellitus; PND, Paroxysmal Nocturnal Dyspnea; BMI, Body Mass Index; ASCVD, Atherosclerotic Cardiovascular Disease; HFpEF, Heart Failure with preserved Ejection Fraction; HFrEF, Heart Failure with reduced Ejection Fraction; SD, Standard Deviation; PASP, Pulmonary Arterial Systolic Pressure; LVH, Left Ventricular Hypertrophy; LAE, Left Atrial Enlargement; SBP, Systolic Blood Pressure; DBP, Diastolic Blood Pressure.

The authors apologize for these errors.

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<https://doi.org/10.2147/IJGM.S487404>