

Table 2 Laboratory parameters of cases of diabetic ketoacidosis at presentation

Parameter	Total cases (<i>n</i> = 100)		History of diabetes			Type of diabetes			Outcome		
	Mean (SD)	Range	Previously diagnosed (<i>n</i> = 81)	First presentation (<i>n</i> = 19)	<i>P</i> -value	Type 1 (<i>n</i> = 90)	Type 2 (<i>n</i> = 10)	<i>P</i> -value	Survived (<i>n</i> = 90)	Died (<i>n</i> = 10)	<i>P</i> -value
			Mean (SD)	Mean (SD)		Mean (SD)	Mean (SD)		Mean (SD)	Mean (SD)	
Plasma glucose (mg/dL)	497 (114)	250–836	484 (108)	553 (124)	0.017	494 (111)	523 (131)	0.45	494 (116)	527 (88)	0.47
Arterial blood pH	7.03 (0.21)	6.7–7.3	7.05 (0.20)	6.96 (0.25)	0.11	7.03 (0.21)	7.00 (0.23)	0.65	7.05 (0.21)	6.80 (0.17)	0.005
Plasma bicarbonate (mmol/L)	6.68 (4.2)	1–17.4	7.20 (4.1)	5.28 (4.4)	0.11	6.68 (4.3)	6.68 (4.1)	0.99	6.60 (4.0)	7.20 (5.6)	0.97
Blood urea nitrogen (mg/dL)	43.4 (31)	10–152	41.3 (24)	70.0 (43)	0.007	45.2 (41)	60.4 (31)	0.29	41.4 (29)	67.5 (40)	0.043
Serum creatinine (mg/dL)	3.1 (1.8)	1–8	3.4 (2.0)	4.3 (2.4)	0.16	3.5 (2.5)	4.8 (2.1)	0.12	3.3 (2.0)	5.3 (2.6)	0.25
Serum potassium (mmol/L)	4.50 (0.9)	2.9–6.8	4.50 (0.9)	4.54 (1.0)	0.89	4.50 (0.8)	4.49 (1.0)	0.90	4.50 (0.8)	4.18 (1.1)	0.008
Serum sodium (mmol/L)	137.0 (10)	118–176	135.8 (7)	142.4 (14)	0.006	136.9 (9)	139.6 (14)	0.40	135.0 (8)	142.0 (18)	0.013
Plasma osmolality (mOsm/kg water)	301.9 (20)	270–385	300 (19)	309.7 (25)	0.08	302 (20)	300 (23)	0.78	300.7 (17)	311.6 (36)	0.20

SD = standard deviation.