

Table 4. Comparison between low and normal SMI groups

Variables	Low SMI, n=19	Normal SMI, n=186	P Value
Basic Indicators			
Age, yr, median (IQR)	56 (34, 71)	56.5 (46, 67)	0.636
Male, n (%)	3 (15.8%)	124 (66.7%)	<0.001
Body mass index, kg/m ² , mean±SD	20.17±3.24	25.42±3.86	<0.001
CKD etiology, n (%)			0.080
Diabetic nephropathy	3 (15.8%)	60 (32.3%)	
Hypertensive nephropathy	1 (5.3%)	27 (14.5%)	
Glomerulonephropathy	4 (21.1%)	47 (25.3%)	
Others	3 (15.8%)	19 (10.2%)	
Unknown	8 (42.1%)	33 (17.7%)	
CKD stage, n (%)			0.037
1+2	1 (5.3%)	24 (12.9%)	
3+4	3 (15.8%)	75 (40.3%)	
5A	3 (15.8%)	28 (15.1%)	
5B	12 (63.2%)	59 (31.7%)	
Parathyroid hormone, pg/ml, median (IQR)	250.4 (110.4, 773.1)	95.45 (47.35, 441.03)	0.056
Parathyroid hormone>88mmol/L	16 (84.2%)	104 (55.9%)	0.017
Hemoglobin, g/L, mean±SD	107±18.72	109.84±23.49	0.611
Albumin, g/L, median (IQR)	39.7 (34.8, 44.9)	39.7 (35.03, 43.5)	0.836
Total cholesterol, mmol/L, median (IQR)	4.26 (3.55, 5.14)	4.14 (3.35, 4.84)	0.418
Triglyceride, mmol/L, median (IQR)	1.46 (0.99, 2.22)	1.71 (1.17, 2.44)	0.626
Phosphorus, mmol/L, median (IQR)	1.28 (1.08, 1.94)	1.36 (1.12, 1.86)	0.863
Calcium, mmol/L, median (IQR)	2.19 (2.12, 2.55)	2.18 (2.07, 2.35)	0.326
Total Nutrition Indicators			
PA, °, median (IQR)	4.2 (3.4, 4.7)	5.2 (4.38, 5.9)	<0.001
Low PA, n (%)	14 (73.7%)	56 (30.1%)	<0.001
Body cell mass, kg, mean±SD	22.43±1.76	32.76±6.61	<0.001

Protein, kg, median (IQR)	6.9 (6.3, 7.1)	9.85 (8.2, 10.95)	<0.001
Basal metabolic rate, kcal, median (IQR)	1134 (1086, 1177)	1463 (1285.75, 1575.75)	<0.001
Fat Indicators			
Percent body fat, %, mean±SD	28.37±10.12	27.68±8.68	0.745
Visceral fat area, cm ² , median (IQR)	68.7 (49, 122.1)	84.5 (67.7, 114.18)	0.105
Body fat mass, kg, mean±SD	14.93±7.69	19.83±8.14	0.013
Muscle Indicators			
Fat free mass, kg, median (IQR)	35.4 (33.2, 37.4)	50.6 (42.4, 55.83)	<0.001
Soft lean mass, kg, median (IQR)	33.1 (31.2, 35)	47.85 (39.98, 52.65)	<0.001
Skeletal muscle mass, kg, median (IQR)	18.6 (17.1, 19.6)	27.6 (22.8, 31.18)	<0.001
SMI, kg/m ² , median (IQR)	5.4 (5, 5.6)	7.6 (6.7, 8.3)	<0.001

IQR, interquartile range; PA, phase angle; SMI, skeletal muscle mass.