

Table 2: Laboratory values and clinical features of the 140 patients included in the five groups of the study (controls and patients with chronic kidney disease undergoing predialysis, hemodialysis, peritoneal dialysis, and kidney transplantation).

Variables	Control (Group 1)	CKD (Group 2)	HD (Group 3)	PD (Group 4)	KT (Group 5)	P
Age (years)	28.77 ± 4.69*	54.07 ± 11.54**	53.33 ± 13.37^	41.35±14.29	41.23±11.12	<0.001
BMI (kg/m ²)	24.69 ± 4.10	30.02 ± 6.26*	26.64 ± 5.08	24.37 ± 6.16	25.76 ± 5.21	<0.001
Serum albumin (g/dL)	4.45 ± 0.41	3.71 ± 0.48 ^e	4.12 ± 0.48	3.43 ± 0.44 ^f	4.11 ± 0.4	<0.001
BUN (mg/dL)	11.99 ± 3.21 [∞]	53.73 ± 19.45 ^β	65.55 ± 14.38	52.9 ± 11.64	20.29 ± 7.87 ^μ	<0.001
Serum creatinine (mg/dL)	0.73 ± 0.18 [‡]	3.66 ± 1.49 ^η	10.10 ± 2.52	10.19 ± 2.72	1.19 ± 0.46 ^ω	<0.001
LDL-C (mg/dL)	111.3 ± 29.4	109 ± 28.66	112.55 ± 46.99	112 ± 27.76	122.9 ± 32.99	0.374
Ca×P (mg ² /dL ²)	32.03 ± 5.66 ^Σ	36.5 ± 6.04	46.65 ± 12.54	44.78 ± 8.04	28.07 ± 5.94 [‡]	<0.001
CRP (mg/dL)	0.45 ± 0.69	1.92 ± 3.79 ^κ	0.48 ± 0.77	0.9 ± 1.01	0.71 ± 0.7	0.002
GFR (MDRD) (mLmin/1.73m ²)	114.77 ± 23.3 ^c	18.07 ± 6.61			66.95 ± 19.79	<0.001
Kt/V (HD)			1.48 ± 0.2			
Kt/V (PD)				2.13 ± 0.34		
Hgb (g/dL)	13.84 ± 1.63 ^η	10.74 ± 1.87	10.95 ± 1.65	10.67 ± 1.36	13.22 ± 1.93 [*]	<0.001
Hct (%)	41.19 ± 4.68 ^Ω	32.47 ± 5.85	32.49 ± 4.9	31.98 ± 4.25	40.54 ± 5.75 ^ρ	<0.001
BP (Systolic) (mm-Hg)	117.83 ± 9.06	137.5 ± 13.5 ^m	124.9 ± 13.97	128.75 ± 14.49	121.17 ± 18.41	0.001
BP (Diastolic) (mm-Hg)	73 ± 7.94	78.5 ± 10.01	74.63 ± 8.36	75.5 ± 10.5	79.67 ± 11.88	0.111

Values are given as mean ± standard deviation, *: p <0.05 with comparison of group 1 and groups 2,3,4, and 5, **: p <0.05 between group 2, and groups 4 and 5, ^: p <0.05 between group 3 and group 5, &: p <0.05 between group 2 and groups 4 and 5; ∞: p <0.05 between group 2 and groups 1,4, and 5, ^e: p <0.05 between group 2 and groups 1,3, and 5, ^f: p <0.05 between group 4 and groups 1,3, and 5, [∞]: p <0.05 between group 1 and groups 2,3, and 4, ^β: p <0.05 between group 2 and group 3, ^μ: p <0.05 between group 5 and groups 2,3, and 4, [‡]: p <0.05 between group 1 and groups 2,3, and 4, ^η: p <0.05 between group 2 and groups 3 and 4, ^ω: p <0.05 between group 5 and groups 2,3, and 4, ^Σ: p <0.05 between group 1 and groups 3 and 4, [‡]: p <0.05 between group 5 and groups 2,3, and 4, ^κ: p <0.05 between group 2 and groups 1 and 3, ^c: p <0.05 between group 1 and groups 2 and 5, [∞]: p <0.05 between group 1 and groups 2,3, and 4, [‡]: p <0.05 between group 5 and groups 2,3, and 4, ^Ω: p <0.05 between group 1 and groups 2,3, and 4, ^ρ: p <0.05 between group 5 and groups 2,3, and 4, ^m: p <0.05 between group 2 and groups 1,3, and 5. BMI: body mass index, BUN: blood urea nitrogen, LDL-C: low-density lipoprotein-cholesterol, Ca: calcium, P: phosphorus, CRP: C-reactive protein, GFR: glomerular filtration rate, Hgb: hemoglobin, Hct: hematocrit, BP: blood pressure, CKD: chronic kidney disease, HD: hemodialysis, PD: peritoneal dialysis, KT: kidney transplantation.