

Circulating Haptoglobin and Metabolic Syndrome in Renal Transplant Recipients

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Supplementary Table 1. Baseline characteristics of 149 included healthy controls.

	Healthy controls (n=149)
Demographics	
Age, years	52±10
Male gender, n (%)	159 (54)**
Weight, kg	79±14
BMI, kg/m ²	25.5 [23.7-28.3]
BMI<21 kg/m ² , n (%)	8 (7)

Waist circumference, cm	96 [92-102]
Smoking status, n (%)	
Current	21 (21) ^{***}
Past	21 (21) ^{***}
Never	59 (58) ^{***}
eGFR, mL/min/1.73m ²	93±13 ^{***}
Proteinuria, n (%)	0 (0) [#]
Thrombocytes, 10E9/L	257±60 ^{***}
MCV, fL	89.7±5.1
Total Hb, mmol/L	8.8±0.8 ^{***}
Parathyroid hormone, pmol/L	3.3 [2.6-4.2] ^{***}
Venous pH	7.37±0.04
Venous HCO ₃ ⁻ , mmol/L	26.1±1.7 ^{***}
Hp, g/L	1.1 [0.9-1.4] ^{***}

Dietary intake and nutritional status

Total protein intake, g/d	88±24
Animal protein intake, g/d	54±17
Plant protein intake, g/d	34±12
Energy intake, kCal/d	2338±773
Vitamin B12, pmol/L	253 [205-333] ^{**}
Vitamin B6, nmol/L	40 [29-60] ^{***}
Folic acid, nmol/L	21 [16-27] ^{**}
Serum albumin, g/L	45.4±2.7 ^{***}

Cardiovascular parameters

SBP, mmHg	125±15 ^{***}
DBP, mmHg	76±9 ^{***}
Heart rate, bpm	66±9 [*]
Use of antihypertensive drug, n (%)	14 (15) ^{***}
Hs-CRP, mg/L	1.0 [0.5-2.2] ^{***}
Total cholesterol, mmol/L	5.5±1.2 ^{***}
LDL-cholesterol, mmol/L	3.6 [2.9-4.4] ^{***}
Triglycerides, mmol/L	1.1 [0.8-1.7] ^{***}
Use of statin, n (%)	3 (3) ^{***}

Hemolytic index>20, n (%)	14 (25) ^{***}
Hp 1-1 genotype	25 (24)
Hp 1-2 genotype	55 (52)
Hp 2-2 genotype	25 (24)
Glucose homeostasis parameters	
Serum glucose, mmol/L	5.3 [5.1-5.6]
HbA _{1c} , n (%)	5.6±0.3 ^{***}
Diabetes, n (%)	0 (0) [#]
Use of antidiabetic drug, n (%)	0 (0) [#]
Liver function parameters	
ALAT, U/L	19 [16-27]
ASAT, U/L	23 [20-27]
Alkaline phosphatase, U/L	68 [58-79]
Gamma glutamyl transferase, U/L	19 [15-33] ^{***}
Antioxidant status parameters	
Plasma MDA, μmol/L	1.7 [1.0-3.4] ^{***}
Urinary MDA excretion, μmol/24h	8.5 [6.3-11.2] ^{***}

BMI, body mass index; eGFR, estimated glomerular filtration rate; MCV, mean corpuscular volume; Hb, hemoglobin; Hp, haptoglobin; SBP, systolic blood pressure; DBP, diastolic blood pressure; hs-CRP, high-sensitivity C-reactive protein; LDL, low-density lipoprotein; ALAT, alanine aminotransferase; ASAT, aspartate aminotransferase; MDA, malondialdehyde. *P<0.05, **P<0.01, and ***P<0.001 compared to RTR. [#]Values could not be tested statistically.