

Reviewer #1:

Scientific Quality: Grade B (Very good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: This is an interesting study of the differences in endothelial injury and inflammatory condition in patients in CKD1-2 and CKD3-4 with hyperuricemic nephropathy. The study is well performed, and the results are interesting. The reviewer recommends to accept this study after a minor editing.

Answer: thank you very much, I made a revision according to editor's instructions.

Reviewer #2:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

Specific Comments to Authors: High levels of uric acid can damage the glomerular endothelium and systemic vascular endothelium. Usually, uric acid-lowering therapy can improve endothelial function. In this study, the authors explored the difference between the levels of endothelial injury biomarkers and inflammatory biomarkers in patients with hyperuricemic nephropathy in chronic kidney disease stages 1-2, 3-4. This study is overall very well designed. Diagnostic criteria for patients are very clear. Inclusion and exclusion criteria are reasonable. The results are very interesting, and well discussed. Minor comments: 1. The manuscript requires a minor editing. 2. The background is missing in the abstract. Please check and add it. 3. The limit of the study should be listed and discussed. 4. The reference list should be edited and updated.

Answer: thanks for your comments.

1. I made a revision according to editor's instructions.
2. I put the background part in the manuscript.
3. I put the 'the limit of the study' in the discussion parts in the manuscript.
4. References are edited and updated in the manuscript.

Items		CKD1-2 (n=49)	CKD3-4 (n=31)	t/ Z / χ^2	P
Age (year)		42 (35-52)	66 (61-69)	6.514	<0.001***
Sex	Male	48 (98.0%)	29 (93.5%)	1.023	0.312
	Female	1 (2.0%)	2 (6.5%)		
Course of gout (months)		45.7 (14.8-80.55)	81.3 (39.3-173.63)	2.583	0.010*
Heart rate (beats/min)		75.04±9.836	74.87±8.62	0.079	0.937
BMI		25.95 (24.54-27.66)	24.77 (24.00-27.28)	-1.487	0.137
Systolic pressure (mmHg)		129.18±10.55	130.61±10.70	-0.587	0.559
Diastolic pressure (mmHg)		83.94±8.59	82.97±6.44	0.540	0.591

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Incidence of hypertension %	39 (79.6%)	30 (96.8%)	4.727	0.030*
SUA (μmol/L)	474.41±102.34	483.90±107.97	-0.396	0.693
Scr (mmol/L)	92.78±12.55	145.87±48.14	-7.360	<0.001***
BUN (mmol/L)	5.20±1.06	9.35±3.46	-7.857	<0.001***
eGFR (ml/min/1.73 m2)	91.73±14.82	40.91±11.84	16.111	<0.001***
Urine NAG (U/L)	0.70 (0.10-5.08)	0.70 (2.05-14.82)	3.402	0.001**
Urine RBP (mg/L)	0.20 (0.10-0.30)	0.58 (0.20-1.95)	3.059	0.002**
Urine β2-MG (mg/L)	0.20 (0.10-0.30)	0.30 (0.12-1.91)	2.615	0.009**
Urine Alb/Cr (mg/g)	4.79 (2.07-9.04)	45.76 (8.22-316.75)	4.504	<0.001***