

Article title: Prediction of renal outcome in Henoch-Schönlein nephritis based on biopsy findings

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Table S2 Clinical characteristics and biopsy findings in patients with favorable and unfavorable outcome

	Favorable outcome (n=21)	Unfavorable outcome (n=5)	p-value
At the diagnostic biopsy			
Age (years)	9.3 ± 3.4	11.7 ± 2.5	0.14
Plasma creatinine (µmol/L)	52 (45 – 56)	56 (48 – 88)	0.31
eGFR (mL/min/1.73m ²)	98 (88 – 109)	99 (65 – 101)	0.57
dU-Prot ^a (g/day)	2.5 (1.1 – 5.4)	10.4 (9.9 – 12.4)	0.004
Nephrotic-range proteinuria (>40 mg/h/m ²), n (%)	15 (71%)	5 (100%)	0.30
ISKDC			
I	0	0	
II	6	0	
IIIa	5	0	
IIIb	9	3	
IV	1	1	
V	0	1	
SQC activity score	4 (2 – 5)	8 (7 – 8)	0.003
SQC chronicity score	3 (1 – 4)	4 (4 – 4)	0.096
SQC tubulointerstitial score	0 (0 – 1)	1 (1 – 2)	0.028
MEST-C ^b			
M1, n (%)	5 (26%)	3 (60%)	0.29
E1, n (%)	15 (79%)	5 (100%)	0.54
S1, n (%)	7 (37%)	2 (40%)	>0.99
T1-2, n (%)	0	0	NA
T>0%, n (%)	1 (5%)	0	>0.99
C1, n (%)	9 (47%)	0	0.12
C2, n (%)	2 (11%)	4 (80%)	0.006
C1-2, n (%)	11 (58%)	4 (80%)	0.62
Total MEST-C score	2 (2 – 3)	4 (3 – 5)	0.043
At the follow-up biopsy			
Age (years)	12.2 ± 4.6	14.4 ± 4.6	0.31
Plasma creatinine (µmol/L)	54 (40 – 61)	87 (79 – 192)	<0.001
eGFR (mL/min/1.73m ²)	101 (94 – 123)	65 (28 – 76)	<0.001
dU-Prot ^c (g/day)	0.2 (0.1 – 0.3)	4.7 (3.3 – 8.2)	<0.001

ISKDC			
I	1	0	
II	15	1	
IIIa	2	1	
IIIb	3	1	
IV	0	1	
V	0	1	
SQC activity score	1 (1 – 2)	5 (4 – 6)	0.015
Decreased activity score from the diagnostic to follow-up biopsy, n (%)	16 (76%)	5 (100%)	0.55
SQC chronicity score	7 (4 – 8)	10 (9 – 11)	0.008
Increased chronicity score from the diagnostic to follow-up biopsy, n (%)	17 (81%)	5 (100%)	0.56
SQC tubulointerstitial score	3 (1 – 3)	3 (3 – 4)	0.062
Increased tubulointerstitial score from the diagnostic to follow-up biopsy, n (%)	16 (76%)	5 (100%)	0.55
MEST-C ^b			
M1, n (%)	6 (32%)	2 (40%)	>0.99
E1, n (%)	1 (5%)	2 (40%)	0.099
S1, n (%)	14 (74%)	5 (100%)	0.54
T1-2, n (%)	1 (5%)	2 (40%)	0.099
T>0%, n (%)	11 (58%)	5 (100%)	0.13
C1, n (%)	2 (11%)	3 (60%)	0.042
C2, n (%)	0	1 (20%)	0.21
C1-2, n (%)	2 (11%)	4 (80%)	0.006
Total MEST-C score	1 (1 – 2)	4 (3 – 4)	0.009
At the last follow-up			
Age (years)	18.7 ± 6.5	21.0 ± 7.8	0.61
Follow-up (years)	8.6 (6.8 – 10.5)	9.0 (5.8 – 13.2)	0.95
Plasma creatinine (µmol/L)	71 (57 – 75)	361 (158 – 450)	<0.001
eGFR (mL/min/1.73m ²)	88 (83 – 102)	14 (12 – 38)	0.001

Note. Statistical difference was tested with either Fisher's exact test or Mann Whitney U test.

eGFR, estimated glomerular filtration rate; dU-Prot, daily urine protein excretion; ISKDC, International Study of Kidney Disease in Children; SQC, semiquantitative classification; M, mesangial hypercellularity; E, endocapillary proliferation; S, segmental glomerulosclerosis; T, tubular atrophy and/or interstitial fibrosis; C, crescents; NA, not applicable

^an=25

^bn=24

^cn=21