

ONLINE SUPPLEMENTARY DATA

INTEROBSERVER AGREEMENT ON HISTOPATHOLOGICAL LESIONS IN CLASS III OR IV LUPUS

NEPHRITIS

Suzanne Wilhelmus, MD, H. Terence Cook, MD, PhD, Laure-Hélène Noël, MD, Franco Ferrario, MD, PhD, Ron Wolterbeek, MD, Jan A. Bruijn, MD, PhD and Ingeborg M. Bajema, MD, PhD

Figure S1. The total number of biopsies with lupus nephritis that were evaluated by pathologists prior to participation in this study, grouped by experience.

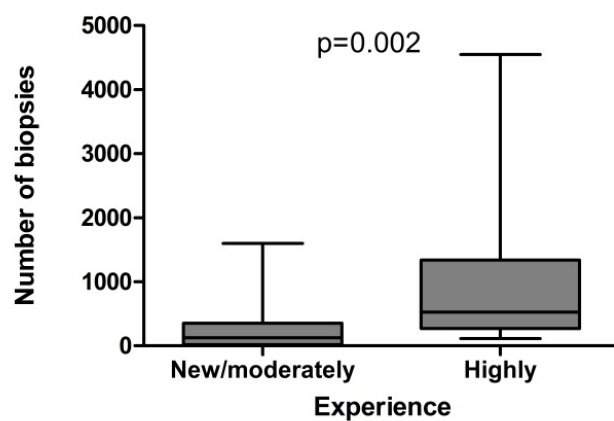


Table S1. Kappa and ICC values for all parameters, analyzed per continent

Parameter	Statistical method	Overall ^a	Continent			
			<i>Europe^b</i> (n=9)	<i>Asia^c</i> (n=7)	<i>Australia^d</i> (n=2)	<i>North America^e</i> (n=16)
Class III/IV	ICC	0.39	0.32	0.36	0.61	0.42
Active and/or chronic	Kappa	0.36	0.34	0.25	0.51	0.36
Segmental or global	Kappa	0.37	0.33	0.28	0.49	0.38
Endocapillary proliferation	ICC	0.46	0.45	0.41	0.73	0.47
Influx of inflammatory cells	ICC	0.32	0.43	0.20	0.12	0.31
Swelling of endothelial cells	ICC	0.46	0.51	0.37	0.84	0.46
Extracapillary proliferation	ICC	0.57	0.51	0.38	0.68	0.68
Type of crescent	Kappa	0.46	0.46	0.34	0.61	0.60
Wire loops	ICC	0.35	0.39	0.33	0.57	0.34

ICC, intraclass correlation

^a >0.8: excellent; 0.6–0.8: good; 0.4–0.6: moderate; <0.4: poor^b Europe: 2 new, 2 moderately experienced, and 5 highly experienced nephropathologists.^c Asia: 6 moderately experienced and 1 highly experienced nephropathologist.^d Australia: 1 moderately experienced and 1 highly experienced nephropathologist. Comparison with other continents was not due to the small number of pathologists from this continent.^e North America: 3 new, 1 moderately experienced, and 12 highly experienced nephropathologists.**Table S2.** Distribution of the study participants and the entire RPS membership by continent

	Our study (%)	RPS membership (%)
Europe	26.5	15.2
Asia	20.6	16.3
Australia	5.9	1.6
North America	47.1	62.6
South America	0.0	3.5
Africa	0.0	0.8