Electronic Supplementary Material 2

Desquamative gingivitis evaluation with line-field confocal optical coherence tomography may support differentiation of pemphigus from pemphigoid

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Supplementary Table 1.

Correlations of epithelial LC-OCT small bright particles with DIF intensity and clinical or serological activity parameters in pemphigus vulgaris.

DIF intensity correlations with epithelial LC-OCT small bright particles in PV

Disease	LC-OCT feature	DIF parameter	Spearman's rho	p-value
PV	Epithelial small bright particles	DIF IgG intensity	0.37	0.233
PV	Epithelial small bright particles	DIF IgA intensity	0.26	0.418
PV	Epithelial small bright particles	DIF C3 intensity	-0.22	0.492

Activity correlations with epithelial LC-OCT small bright particles in PV

Disease	LC-OCT feature	Clinical/serological activity parameter	Spearman's rho	p-value
PV	Epithelial small bright particles	Mucosal ODSS	0.03	0.931
PV	Epithelial small bright particles	PDAI	-0.03	0.931
PV	Epithelial small bright particles	IIF: IgG pemphigus level	0.32	0.312
PV	Epithelial small bright particles	ELISA anti-Dsg1 level	-0.29	0.356

Disease	LC-OCT feature	Clinical/serological activity parameter	Spearman's rho	p-value
PV	Epithelial small bright particles	ELISA anti-Dsg3 level	0.53	0.074
PV	Epithelial small bright particles	Duration of symptoms before dermatology consultation, months	0.23	0.481

Values are Spearman rho and p-value. DIF correlations are shown in the first subsection above. Correlations in pemphigoid were not calculated because BMZ small bright particles had no variability (11/11 present). P-values are exploratory and unadjusted for multiple comparisons. **Abbreviations:** BMZ, basement membrane zone; DIF, direct immunofluorescence; Dsg, desmoglein; ELISA, enzyme-linked immunosorbent assay; IIF, indirect immunofluorescence; LC-OCT, line-field confocal optical coherence tomography; ODSS, Oral Disease Severity Score; PDAI, Pemphigus Disease Area Index; PV, pemphigus vulgaris.

Supplementary Table 2.

Videodermoscopic vessel patterns.

Videodermoscopy	PV, n/N (%) (95% CI)	Pemphigoid, n/N (%) (95% CI)	p-value
Looped vessels	4/12 (33.3) (9.9 to 65.1)	0/11 (0.0) (0.0 to 28.5)	0.093
Curved vessels	2/12 (16.7) (2.1 to 48.4)	8/11 (72.7) (39.0 to 94.0)	0.012
Serpentine vessels	3/12 (25.0) (5.5 to 57.2)	1/11 (9.1) (0.2 to 41.3)	0.590
Coiled vessels	1/12 (8.3) (0.2 to 38.5)	0/11 (0.0) (0.0 to 28.5)	1.000
Arborizing vessels	2/12 (16.7) (2.1 to 48.4)	2/11 (18.2) (2.3 to 51.8)	1.000

Values are n/N (%) with Clopper-Pearson exact 95% CIs. Each participant was assigned one vessel pattern. P-values are from two-sided Fisher exact tests and are exploratory (no multiplicity adjustment). **Abbreviations:** CI, confidence interval; PV, pemphigus vulgaris.