

SYSTEMIC CONDITIONS ASSOCIATED WITH DRY EYE SEVERITY

Supplemental Table 5. Associations of systemic conditions with OSDI from separate analyses for baseline, 6 months, and 12 months.

	OSDI								
	Baseline			6 months			12 months		
	No	Yes		No	Yes		No	Yes	
	Mean (SD)	Mean (SD)	p*	Mean (SD)	Mean (SD)	p*	Mean (SD)	Mean (SD)	p*
Sjögren's syndrome	41.7 (15.6)	42.6 (15.5)	0.89	31.3 (18.8)	35.0 (19.2)	0.23	29.1 (18.1)	36.1 (18.6)	0.03
Rosacea (facial)	41.6 (15.3)	44.0 (16.4)	0.25	31.7 (19.1)	33.7 (19.3)	0.36	29.9 (18.7)	32.6 (18.0)	0.27
Rheumatoid arthritis†	41.8 (15.6)	40.5 (15.0)	0.63	30.8 (18.6)	37.2 (21.2)	0.07	28.7 (18.0)	34.4 (19.5)	0.06
Daily smoking history	41.7 (15.2)	42.9 (16.3)	0.20	31.1 (19.3)	34.4 (18.4)	0.049	29.3 (18.7)	33.0 (18.2)	0.04
Peripheral artery disease	42.1 (15.5)	41.2 (15.5)	0.97	31.6 (19.0)	38.6 (19.0)	0.02	30.1 (18.5)	34.5 (18.4)	0.10
Thyroid dysfunction	42.6 (15.7)	40.1 (15.5)	0.19	32.4 (19.0)	31.9 (19.9)	0.77	30.5 (18.8)	30.9 (18.4)	0.88
Osteoarthritis	42.5 (15.6)	40.4 (14.8)	0.21	31.9 (19.3)	32.2 (17.7)	0.81	29.9 (19.1)	31.3 (16.7)	0.53
Diabetes	42.0 (15.4)	41.9 (16.2)	0.46	31.9 (18.6)	34.2 (22.6)	0.35	30.3 (18.4)	31.9 (19.7)	0.37
Irritable bowel syndrome	42.2 (15.6)	40.8 (15.3)	0.56	31.5 (18.8)	38.7 (22.1)	0.07	30.0 (18.4)	35.1 (20.4)	0.17
Hypercholesterolemia	42.7 (15.5)	41.0 (15.8)	0.41	33.5 (19.6)	30.0 (17.7)	0.08	30.8 (18.9)	30.8 (18.1)	0.96
Hypertension	42.2 (15.6)	41.9 (15.5)	0.49	33.0 (19.4)	30.3 (18.4)	0.28	31.0 (19.0)	29.3 (17.5)	0.52
Hypertriglyceridemia	42.2 (15.6)	40.7 (14.0)	0.78	32.2 (19.3)	32.7 (15.7)	0.82	30.5 (18.7)	28.9 (16.0)	0.65

*P-values for the statistical significance of association between a systemic condition and OSDI were calculated from generalized linear regression models adjusted by age, sex, and race. Generalized estimating equations (GEE) were used to account for inter-eye correlations within the same subject.

†Excluding patients meeting 2012 ACR criteria for Sjögren's syndrome.