

Table 5. Longitudinal Study: Change or New Onset of Outcomes at Year 3 in 5mm Diameter Maculae of Eyes With vs. Without ODS at Baseline (BL)

		Overall Comparison			Subtype Comparison: Eyes with ODS Subtype vs. Eyes with No ODS								
		BL Eyes with ODS	BL Eyes with No ODS		L-type		H-type		C-type		S-type		
		Number of Eyes	55	187		31		38		10		9	
		Mean (SD)	Mean (SD)	p-value ^a	Mean (SD)	p-value	Mean (SD)	p-value	Mean (SD)	p-value	Mean (SD)	p-value	
Drusen Load	ΔRPE Drusen Complex (mm ³)	0.02 (0.18)	0.03 (0.21)	0.1878	0.04 (0.15)	0.9699	0.01 (0.18)	0.3977	0.05 (0.11)	0.0088	0.06 (0.28)	0.8178	
	ΔOCT Drusen (mm ³)	0.03 (0.14)	0.03 (0.18)	0.2345	0.04 (0.12)	0.9213	0.02 (0.15)	0.2954	0.00 (0.04)	0.0440	0.08 (0.24)	0.9802	
	ΔDrusen Area (DA) ^b	-0.04 (1.07)	0.12 (0.86)	0.1568	0.00 (0.76)	0.5014	-0.07 (1.23)	0.2150	0.00 (0.53)	0.5014	-0.14 (0.38)	0.2271	
GA and Pre-atrophy	ΔRAT (x10 ⁻³) (mm ³)	2.52 (6.06)	0.87 (3.42)	0.0021	0.61 (2.44)	0.4129	2.87 (6.95)	0.0073	4.06 (4.44)	0.0011	2.72 (4.67)	0.0338	
	ΔGeographic Atrophy Area (DA) ^b	0.51 (1.20)	0.15 (0.54)	0.0081	0.29 (1.11)	0.1779	0.67 (1.40)	0.0118	0.30 (0.40)	0.0214	0.23 (0.64)	0.8826	
		Prop ^c (%)	Prop (%)		Prop (%)		Prop (%)		Prop (%)		Prop (%)		
	New Geographic Atrophy ^b	9/35 (25.71)	11/145 (7.59)	0.0051	6/23 (26.09)	0.0153	6/23 (26.09)	0.0153	3/6 (50.00)	0.0109	1/5 (20.00)	0.3448	
	New Central Geographic Atrophy ^b	6/42 (14.29)	10/159 (6.29)	0.1083	1/23 (4.35)	1.00	3/28 (10.71)	0.4147	4/9 (44.44)	0.0031	1/5 (20.00)	0.2964	
	New Photoreceptor Layer Thinning	14/51 (27.45)	22/188 (11.70)	0.0081	6/29 (20.69)	0.2287	11/35 (31.43)	0.0072	1/9 (11.11)	1.00	4/8 (50.00)	0.0119	
	New RPE Disruption	8/55 (14.55)	18/196 (9.18)	0.3144	3/32 (9.38)	1.00	6/37 (16.22)	0.2345	1/11 (9.09)	1.00	4/10 (40.00)	0.0135	
	New RPE Atrophy	7/34 (20.59)	27/170 (15.88)	0.4614	3/20 (15.00)	1.00	6/24 (25.00)	0.2564	2/4 (50.00)	0.1299	1/4 (25.00)	0.5076	
	New RPE Atrophy (Foveal)	6/46 (13.04)	14/184 (7.61)	0.2475	3/26 (11.54)	0.4488	5/34 (14.71)	0.1878	3/8 (37.50)	0.0246	2/8 (25.00)	0.1357	
Neovascular	New Intraretinal Fluid	17/44 (38.64)	33/169 (19.53)	0.0153	9/23 (39.13)	0.0556	13/29 (44.83)	0.0072	1/7 (14.29)	1.00	5/8 (62.50)	0.0122	
	New Subretinal Fluid	5/55 (9.09)	22/187 (11.76)	0.8076	2/30 (6.67)	0.5426	4/37 (10.81)	1.00	0/11 (0.00)	0.6151	1/9 (11.11)	1.00	
	New CNV ^b	7/60 (11.67)	26/198 (13.13)	1.00	5/35 (14.29)	0.7913	6/39 (15.38)	0.7973	0/12 (0.00)	0.3689	2/10 (20.00)	0.6275	
Other	New Subretinal Lesion	7/57 (12.28)	13/183 (7.10)	0.2702	4/32 (12.50)	0.2913	6/40 (15.00)	0.1195	1/12 (8.33)	0.6020	2/10 (20.00)	0.1764	
	Hyperreflective Foci	UA	UA	UA	UA	UA	UA	UA	UA	UA	UA	UA	
		Mean (SD)	Mean (SD)		Mean (SD)		Mean (SD)		Mean (SD)		Mean (SD)		
	Visual Acuity	-3.30 (7.80)	-2.38 (9.71)	0.5037	-4.20 (5.90)	0.0682	-3.05 (7.85)	0.6608	-4.11 (8.85)	0.6862	-5.00 (9.99)	0.6374	
	Neurosensory Retina	-0.18 (0.23)	-0.14 (0.19)	0.1516	-0.18 (0.21)	0.2952	-0.16 (0.24)	0.4139	-0.20 (0.27)	0.5005	-0.08 (0.21)	0.4050	

^aalpha value = 0.05; ^bDerived from color fundus photo grading. All other outcomes were derived from SDOCT imaging; ^cprop= number of eyes with new onset of outcome over number of eyes that did not have outcome at baseline; ^dData for hyperreflective foci at year 3 were unavailable (UA)