

**Table S1. Patient demographics and ocular characteristics of the subset of study eyes with four years of longitudinal follow-up (N=77) grouped by AMD severity using the modified AMD simplified severity scale**

		Group 0	Group 1		Group 2		Group SDD		All Eyes
Study Eye Description (at baseline visit)		No large drusen <sup>†</sup> or late AMD	Presence of large drusen (>125um)		Presence of large drusen Large drusen (>125um)		Presence of SDD		
Fellow Eye Description (at baseline visit)		No large drusen or late AMD	No large drusen or late AMD		Presence of large drusen or late AMD				
N		31	11		28		9		79
Patient Demographics	Mean Age at Baseline	73.22 (8.66)	68.63 (10.39)	p=0.39 <sup>&amp;</sup>	70.97 (8.95)	p=0.69 <sup>&amp;</sup>	77.18 (8.06)	p=0.58 <sup>&amp;</sup>	72.24 (9.09)
	Sex (% Male)	41.94	45.45	p=0.99 <sup>&amp;</sup>	46.42	p=0.98 <sup>&amp;</sup>	22.22	p=0.66 <sup>&amp;</sup>	41.77
	Ever Smoked (%)	48.38	45.45	p>0.99 <sup>&amp;</sup>	57.14	p=0.87 <sup>&amp;</sup>	36.36	p>0.99 <sup>&amp;</sup>	50.63
	OD (%)	61.29	<b>18.18</b>	<b>p=0.04<sup>&amp;</sup></b>	42.86	p=0.23 <sup>&amp;</sup>	44.44	p=0.74 <sup>&amp;</sup>	46.83
Ocular Characteristics	Axial Length* (mm)	24.56	24.17	p=0.84 <sup>&amp;</sup>	<b>24.15</b>	p=0.66 <sup>&amp;</sup>	22.72	p=0.18 <sup>&amp;</sup>	24.21
	Pseudophakia at Baseline (%)	35.48	18.18	p=0.57 <sup>&amp;</sup>	<b>7.14</b>	<b>p=0.04<sup>&amp;</sup></b>	44.44	p=0.93 <sup>&amp;</sup>	24.05
	Mean BCVA at Baseline (letters)	85.58 (4.45)	86.64 (2.98)	p=0.93 <sup>&amp;</sup>	<b>80.57 (7.48)</b>	<b>p=0.0096<sup>&amp;</sup></b>	82.33 (5.48)	p=0.35 <sup>&amp;</sup>	83.58 (6.12)
	Mean BCVA at 4 years	82.55 (5.77)	85.09 (4.72)	p=0.64 <sup>&amp;</sup>	77.07 (13.31)	p=0.35 <sup>&amp;</sup>	80.33 (5.57)	p=0.78 <sup>&amp;</sup>	80.71 (9.43)

Values represent means with standard deviations in parentheses.

<sup>†</sup> Large drusen defined as drusen > 125µm in diameter as scored from color fundus photographs

*SDD* Subretinal drusenoid deposit

\* Axial length was obtained in 54 out of 77 study eyes (divided 19, 7, 19, 9 for Groups 0, 1, 2, SDD respectively).

<sup>&</sup> One-way ANOVA compared to Group 0, adjusted for multiple comparison using Sidak Corrections.

*BCVA* Best-corrected visual acuity

*RIT* Rod-Intercept time