

**Table S1** The correlation of age with reflectivity of each choroidal slab and the distribution of hyperreflective spots

	DRI OCT Triton		PLEX Elite 9000	
	$\rho$	P value	$\rho$	P value
First choroidal layer				
Reflectivity	-0.054	0.775	-0.278	0.137
Hyperreflective spots				
Number	0.136	0.474	0.311	0.094
Total area	0.169	0.372	0.350	0.058
Second choroidal layer				
Reflectivity	-0.094	0.620	0.108	0.569
Hyperreflective spots				
Number	0.202	0.286	-0.030	0.876
Total area	0.219	0.246	0.018	0.925
Third choroidal layer				
Reflectivity	-0.472	0.008*	0.426	0.019
Hyperreflective spots				
Number	-0.274	0.143	0.082	0.665
Total area	-0.510	0.004*	0.146	0.441
Fourth choroidal layer				
Reflectivity	-0.582	0.001*	0.202	0.285
Hyperreflective spots				
Number	-0.455	0.011*	0.148	0.435
Total area	-0.561	0.001*	0.148	0.435
Fifth choroidal layer				
Reflectivity	-0.452	0.012*	-0.403	0.027*
Hyperreflective spots				
Number	-0.213	0.258	-0.294	0.115
Total area	-0.410	0.025*	-0.284	0.128

\*, P values using Spearman's correlation analysis were statistically significant at the P<0.05 level.

**Table S2** The correlation of axial length with reflectivity of each choroidal slab and the distribution of hyperreflective spots

	DRI OCT Triton		PLEX Elite 9000	
	$\rho$	P value	$\rho$	P value
First choroidal layer				
Reflectivity	-0.235	0.212	0.078	0.682
Hyperreflective spots				
Number	-0.056	0.770	-0.030	0.873
Total area	-0.102	0.590	-0.021	0.914
Second choroidal layer				
Reflectivity	-0.131	0.489	<0.001	0.998
Hyperreflective spots				
Number	0.054	0.776	-0.016	0.933
Total area	-0.181	0.337	-0.056	0.768
Third choroidal layer				
Reflectivity	-0.365	0.047*	-0.100	0.599
Hyperreflective spots				
Number	-0.222	0.238	-0.005	0.979
Total area	-0.317	0.088	-0.093	0.627
Fourth choroidal layer				
Reflectivity	-0.046	0.808	-0.138	0.466
Hyperreflective spots				
Number	-0.118	0.536	-0.093	0.626
Total area	-0.132	0.487	-0.166	0.381
Fifth choroidal layer				
Reflectivity	0.049	0.795	-0.242	0.198
Hyperreflective spots				
Number	-0.086	0.653	-0.201	0.286
Total area	-0.098	0.605	-0.392	0.032*

\*, P values using Spearman's correlation analysis were statistically significant at the P<0.05 level.

**Table S3** Post hoc multiple pairwise comparisons of reflectivity of the choroidal slab and distributions of hyperreflective spots between en face slab images obtained at five different depth positions of the upper choroid

OCT devices	Pairwise comparisons	Reflectivity		Hyperreflective spots							
				Number		Total area		Circularity		Average Size	
		Difference in rank sum	P value	Difference in rank sum	P value	Difference in rank sum	P value	Difference in rank sum	P value	Difference in rank sum	P value
DRI OCT Triton	1st slab - 2nd slab	-90.0	<0.001*	-63.5	<0.001*	-78.0	<0.001*	57.5	<0.001*	-91.0	<0.001*
	1st slab - 3rd slab	-64.0	<0.001*	-104.0	<0.001*	-95.0	<0.001*	44.5	0.003*	-74.0	<0.001*
	1st slab - 4th slab	-44.0	0.003*	-69.0	<0.001*	-55.0	<0.001*	29.0	0.179	-41.0	0.008*
	1st slab - 5th slab	-32.0	0.090	-64.0	<0.001*	-67.0	<0.001*	56.5	<0.001*	-69.0	<0.001*
	2nd slab - 3rd slab	26.0	0.338	-40.0	0.011*	-17.0	>0.999	-13.0	>0.999	17.0	>0.999
	2nd slab - 4th slab	46.0	0.002*	-5.5	>0.999	23.0	0.604	-28.5	0.200	50.0	<0.001*
	2nd slab - 5th slab	58.0	<0.001*	-0.5	>0.999	11.0	>0.999	-1.0	>0.999	22.0	0.724
	3rd slab - 4th slab	20.0	>0.999	34.5	0.048*	40.0	0.011*	-15.5	>0.999	33.0	0.071
	3rd slab - 5th slab	32.0	0.090	39.5	0.013*	28.0	0.222	12.0	>0.999	5.0	>0.999
	4th slab - 5th slab	12.0	>0.999	5.0	>0.999	-12.0	>0.999	27.5	0.247	-28.0	0.222
PLEX Elite 9000	1st slab - 2nd slab	-19.0	>0.999	-13.5	>0.999	-17.0	>0.999	24.0	0.500	-29.0	0.179
	1st slab - 3rd slab	-60.0	<0.001*	-48.5	<0.001*	-50.5	<0.001*	63.0	<0.001*	-59.0	<0.001*
	1st slab - 4th slab	-92.0	<0.001*	-78.0	<0.001*	-86.5	<0.001*	72.0	<0.001*	-89.0	<0.001*
	1st slab - 5th slab	-89.0	<0.001*	-100.0	<0.001*	-98.5	<0.001*	66.0	<0.001*	-83.0	<0.001*
	2nd slab - 3rd slab	-41.0	0.008*	-35.0	0.043*	-33.5	0.062	39.0	0.015*	-30.0	0.143
	2nd slab - 4th slab	-73.0	<0.001*	-64.5	<0.001*	-69.5	<0.001*	48.0	<0.001*	-60.0	<0.001*
	2nd slab - 5th slab	-70.0	<0.001*	-86.5	<0.001*	-81.5	<0.001*	42.0	0.006*	-54.0	<0.001*
	3rd slab - 4th slab	-32.0	0.090	-29.5	0.160	-36.0	0.033*	9.0	>0.999	-30.0	0.143
	3rd slab - 5th slab	-29.0	0.179	-51.5	<0.001*	-48.0	<0.001*	3.0	>0.999	-24.0	0.500
4th slab - 5th slab	3.0	>0.999	-22.0	0.724	-12.0	>0.999	-6.0	>0.999	6.0	>0.999	

\*, P values using Dunn-Bonferroni multiple comparison test were statistically significant at P<0.05.