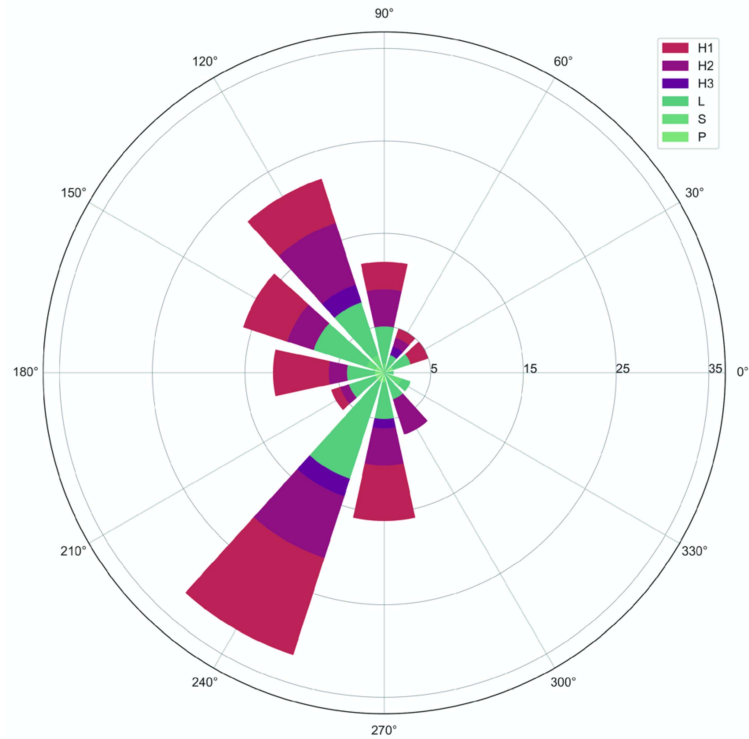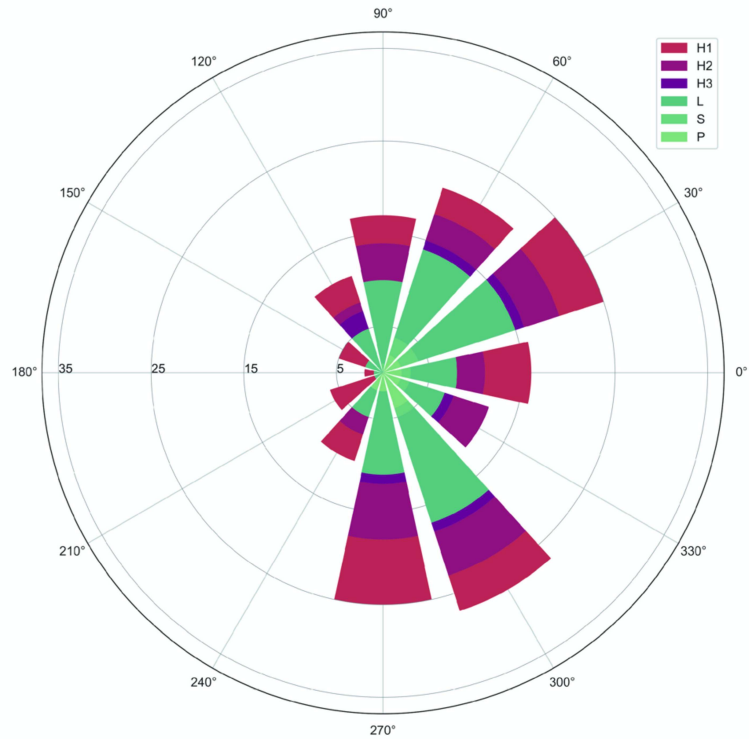Online Supplemental Figure 1. Distribution of peripheral retinal lesions. OD, Right eyes; OS, Left eyes; H1, Round holes; H2, Atrophic holes; H3, Horseshoe tears; L, Lattice degeneration; P, Pigmentary degeneration; S, Snail track degeneration.

OD Lesions

A

OS Lesions

B

Online Supplemental Table 1. The detection of peripheral retinal lesions of different axial length groups

Axial Length		Non-mydriatic Optomap Standard (95%CI)	Mydriatic Optomap Standard (95%CI)	Non-mydriatic Optomap eye-steering (95%CI)	Mydriatic Optomap eye-steering (95%CI)	Non-mydriatic Optomap Standard vs. Eye-steering	Mydriatic Optomap Standard vs. Eye-steering	Standard Optomap Non-mydriatic vs. Mydriatic	Eye-steering Optomap Non-mydriatic vs. Mydriatic
<26.00 mm	**Eyes with lesions**	**32.35% (17.39%,50.53%)**	**41.18% (26.47%,57.65%)**	**67.65% (49.47%,82.61%)**	**79.41% (62.10%,91.30%)**	**<0.001**	**<0.001**	**NS**	**NS**
	Eyes with lesions needed treatment	31.03% (15.28%,50.83%)	37.93% (22.12%,56.80%)	72.41% (52.76%,87.27%)	75.86% (56.46%,89.70%)	<0.001	<0.001	NS	NS
	Eyes with lesions needed no treatment	17.65% (3.80%,43.43%)	35.29% (14.21%,61.67%)	64.71% (38.33%,85.79%)	82.35% (56.57%,96.20%)	0.001	<0.01	NS	NS
26.00-28.00 mm	**Eyes with lesions**	**43.40% (30.60%,57.14%)**	**54.72% (40.88%,67.86%)**	**81.13% (68.03%,90.56%)**	**92.45% (81.79%,97.91%)**	**<0.001**	**<0.001**	**<0.05**	**<0.01**
	Eyes with lesions needed treatment	38.30% (25.67%,52.73%)	48.94% (35.37%,62.66%)	80.85% (66.74%,90.85%)	97.87% (88.71%,99.95%)	<0.001	<0.001	<0.05	<0.01
	Eyes with lesions needed no treatment	37.93% (21.84%,57.20%)	48.28% (30.98%,65.99%)	75.86% (56.42%,88.41%)	86.21% (68.01%,94.84%)	<0.001	<0.001	NS	NS
>28.00mm	**Eyes with lesions**	**40.91% (26.34%,56.75%)**	**56.82% (41.03%,71.65%)**	**75.00% (59.66%,86.81%)**	**84.09% (69.93%,93.36%)**	**<0.001**	**0.001**	**<0.05**	**NS**
	Eyes with lesions needed treatment	34.38% (18.57%,53.19%)	53.13% (34.74%,70.91%)	78.13% (60.03%,90.72%)	90.63% (74.98%,98.02%)	<0.001	<0.001	<0.05	NS
	Eyes with lesions needed no treatment	50.00% (27.20%,72.80%)	55.00% (35.48%,73.10%)	75.00% (50.90%,91.34%)	75.00% (50.53%,89.81%)	<0.05	<0.05	NS	NS

P value