

NEURORETINAL MEASUREMENTS ACCORDING TO SEX IN THE EPIm

OCT PARAMETERS (µm)	BASELINE	p	8 w	p	12 w	p	18 w	p	24 w	p
RETINAL THICKNESS										
CENTRAL	268.63 ± 12.91	0.50	267.00 ± 15.52	0.85	272.40 ± 16.89	0.30	242.00	0.18	232.00	0.13
	272.24 ± 14.77		263.75 ± 1.15		262.46 ± 19.29		257.33 ± 10.78		258.83 ± 16.52	
INNER INFERIOR	257.63 ± 8.79	0.39	258.38 ± 9.10	0.15	261.40 ± 8.38	0.05	240.00	0.18	258.00	0.13
	255.59 ± 8.01		251.75 ± 5.68		252.31 ± 8.46		251.33 ± 11.06		242.83 ± 12.67	
OUTER INFERIOR	248.38 ± 9.05	0.52	248.37 ± 8.18	0.15	258.40 ± 10.06	0.09	230.00	0.18	255.00	0.13
	247.06 ± 5.66		243.00 ± 6.55		248.23 ± 10.86		246.33 ± 8.08		234.50 ± 9.67	
INNER SUPERIOR	248.75 ± 8.27	0.52	259.63 ± 39.31	0.28	271.20 ± 30.88	0.13	244.00	0.18	252.00	0.13
	250.76 ± 8.18		245.75 ± 4.50		246.15 ± 16.85		239.00 ± 3.00		239.00 ± 9.77	
OUTER SUPERIOR	249.37 ± 8.74	0.61	261.75 ± 26.80	0.21	281.60 ± 31.50	0.01*	257.00	0.18	265.00	0.13
	251.59 ± 5.12		249.50 ± 2.00		252.31 ± 12.40		242.67 ± 6.65		242.33 ± 14.30	
INNER NASAL	254.88 ± 5.79	0.31	258.38 ± 21.08	0.48	270.80 ± 18.07	0.01*	255.00	0.18	261.00	0.13
	252.59 ± 6.76		251.25 ± 5.00		248.08 ± 12.10		250.67 ± 9.01		245.50 ± 17.81	
OUTER NASAL	249.88 ± 8.18	0.50	256 ± 21.50	0.27	274.80 ± 20.52	0.00*	247.00	1.00	266.00	0.14
	248.59 ± 5.43		248.50 ± 2.88		247.85 ± 12.24		246.67 ± 7.50		246.80 ± 2.77	
INNER TEMPORAL	251.63 ± 10.36	0.86	261.13 ± 43.34	0.10	270.80 ± 33.73	0.06	251.00	0.18	261.00	0.31
	253.94 ± 10.09		247.50 ± 1.52		247.00 ± 12.04		241.00 ± 4.35		246.17 ± 13.60	
OUTER TEMPORAL	250.00 ± 10.26	0.88	263.38 ± 37.54	0.15	278.60 ± 39.33	0.04	256.00	0.18	267.00	0.31
	249.94 ± 8.01		249.00 ± 2.51		252.54 ± 12.57		247.00 ± 3.60		249.50 ± 16.45	
TOTAL VOLUME	1.92 ± 0.09	0.48	1.83 ± 0.16	0.27	1.91 ± 0.14	0.03	1.75	0.65	1.82	0.20
	1.93 ± 0.06		1.76 ± 0.00		1.77 ± 0.07		1.747 ± 0.04		1.69 ± 0.17	
RNFL THICKNESS										
GLOBAL	46.50 ± 3.42	0.77	39.00 ± 1.00	0.18	47.33 ± 14.92	0.80	36.00	0.18	42.00	0.61
	46.00 ± 4.83		44.25 ± 4.50		41.36 ± 5.96		43.67 ± 4.16		40.67 ± 4.59	
INFERIOR TEMPORAL	53.88 ± 16.14	0.56	40.57 ± 3.78	0.82	32.00 ± 16.07	0.03	32.00	0.65	37.00	1.00
	46.29 ± 7.00		40 ± 7.02		46.00 ± 8.01		37.00 ± 13.45		38.50 ± 4.84	
INFERIOR NASAL	49.63 ± 8.83	0.64	46.14 ± 3.60	0.65	46.50 ± 7.89	0.62	28.00	0.18	40.00	0.61
	47.82 ± 8.15		44.25 ± 9.64		44.50 ± 10.09		45.33 ± 12.74		42.83 ± 9.53	
SUPERIOR TEMPORAL	47.87 ± 7.79	0.95	38.57 ± 14.97	0.12	54.50 ± 35.85	0.38	32.00	0.18	34.00	0.31
	48.53 ± 9.49		52.75 ± 6.02		38.93 ± 11.65		43.33 ± 5.68		41.00 ± 13.56	
SUPERIOR NASAL	35.00 ± 9.13	0.20	33.86 ± 16.28	0.51	40.00 ± 37.13	0.96	34.00	0.65	35.00	1.00
	40.24 ± 9.31		39.75 ± 1.52		30.79 ± 13.78		34.00 ± 2.64		35.67 ± 9.48	
NASAL	41.25 ± 7.40	0.20	42.14 ± 4.35	0.18	50.33 ± 10.50	0.02	42.00	0.65	48.00	0.13
	44.82 ± 6.92		41.25 ± 2.64		40.07 ± 5.39		46.33 ± 7.23		42.50 ± 3.14	
TEMPORAL	51.63 ± 11.10	0.44	38.71 ± 6.55	0.51	51.83 ± 18.23	0.53	39.00	0.18	46.00	0.61

	47.47 ± 6.80		45.50 ± 9.71		45.50 ± 8.42		48.00 ± 11.26		41.83 ± 8.63	
GCL THICKNESS										
CENTRAL	21.25 ± 1.38	0.04	19.25 ± 5.37	0.85	16.40 ± 4.03	0.80	14.00	0.34	11.00	0.31
	22.82 ± 2.50		18.25 ± 2.08		16.92 ± 3.57		15.67 ± 1.52		16.33 ± 3.50	
INNER INFERIOR	27.50 ± 1.77	0.55	26.25 ± 3.50	0.71	25.40 ± 6.18	0.08	23.00	0.34	23.00	0.60
	28.06 ± 2.27		26.25 ± 0.57		22.77 ± 4.20		24.33 ± 1.52		21.33 ± 6.08	
OUTER INFERIOR	27.00 ± 1.06	0.81	26.50 ± 5.50	0.85	25.60 ± 4.33	0.07	19.00	0.15	24.00	0.78
	26.76 ± 2.04		25.75 ± 1.52		24.00 ± 4.08		24.67 ± 1.15		21.83 ± 6.82	
INNER SUPERIOR	25.75 ± 1.38	0.17	23.50 ± 5.03	0.85	24.00 ± 6.96	0.61	21.00	0.15	17.00	0.61
	26.71 ± 1.61		20.25 ± 5.29		20.54 ± 2.98		17.00 ± 1.73		17.67 ± 5.39	
OUTER SUPERIOR	25.38 ± 1.92	0.79	23.75 ± 4.99	0.59	23.20 ± 3.89	0.65	27.00	0.18	19.00	0.31
	25.41 ± 2.78		23.00 ± 3.00		22.15 ± 3.60		24.00 ± 2.00		20.33 ± 6.15	
INNER NASAL	25.13 ± 2.58	0.15	23.63 ± 2.58	0.85	22.80 ± 5.45	0.62	13.00	0.18	19.00	0.61
	26.65 ± 2.14		23.25 ± 2.08		21.08 ± 5.04		21.00 ± 1.00		19.67 ± 5.82	
OUTER NASAL	25.75 ± 1.38	0.05	25.88 ± 1.70	0.85	24.40 ± 6.22	0.55	15.00	0.18	20.00	0.13
	27.12 ± 1.72		24.75 ± 2.08		21.08 ± 6.31		24.67 ± 1.52		22.40 ± 1.67	
INNER TEMPORAL	24.63 ± 2.38	0.17	23.63 ± 8.66	0.85	24.40 ± 7.89	0.21	22.00	0.18	20.00	0.61
	26.00 ± 3.69		23.25 ± 2.08		19.54 ± 3.47		19.67 ± 1.52		18.50 ± 5.35	
OUTER TEMPORAL	26.63 ± 1.50	0.45	25.38 ± 6.18	0.46	28.80 ± 8.16	0.05	24.00	0.34	22.00	0.60
	26.76 ± 2.99		25.50 ± 1.00		23.54 ± 2.69		25.33 ± 1.52		20.17 ± 5.74	
TOTAL VOLUME	0.18 ± 0.00	0.20	0.17 ± 0.01	0.27	0.17 ± 0.05	0.81	0.14	0.15	0.14	0.43
	0.18 ± 0.01		0.16 ± 0.09		0.15 ± 0.01		0.15 ± 0.01		0.13 ± 0.04	

Supplementary Table S2: Neuroretinal measurements according to sex in the episcleral sclerosis vein model using OCT over 24 weeks of follow-up. EPI_m: episcleral sclerosis model; μm : microns; w: week; RNFL: retinal nerve fiber layer; GCL: ganglion cell layer complex; OCT: optical coherence tomography; $p < 0.05$: statistical significance. Up: male; down: female. Cells colored gray if males had lower thickness measurements.