

Table E3: Summary of Research studies investigating effects of sildenafil on ocular circulation

Reference	Number	Subject Type	Testing Modality	Summary of Findings
33	15	healthy volunteers	laser doppler flowmetry	no effect of 100 mg sildenafil on optic nerve or choroid
34	15	healthy volunteers	laser doppler flowmetry	no effect of 100 mg sildenafil on retinal vascular caliber
35	38	subjects with ED	color doppler ultrasonography	no effect of 100 mg sildenafil on central retinal artery
36	20	subjects with ED	color doppler ultrasonography	increased ophthalmic and posterior ciliary arterial flow velocity after 100 mg sildenafil
37	15	subjects with ED	color doppler ultrasonography	no effect of 50 mg sildenafil twice a week on ocular arterial flow
38	12	healthy volunteers	HRF, POBF	50 mg sildenafil caused choroidal blood flow changes
39	10	healthy volunteers	retinal vessel analyzer	50 mg sildenafil caused retinal artery and vein dilatation
40	12	healthy volunteers	laser doppler flowmetry	100 mg sildenafil increases retinal vein diameter and increases retinal blow flow
41	13	healthy volunteers	ultrasonography	200 mg sildenafil causes choroidal thickness changes

Abbreviations: ED erectile dysfunction, HRF Heidelberg retinal flowmetry, POBF pulsatile ocular blood flow