

Table S1. Hazard ratio of retinopathy based on different cumulative duration treatment.

	Number of subjects	Number of events (%)	Year	Unadjusted (95%CI)	HR Adjusted (95%CI)
Fenofibrate (<3M)	29753	8175 (27.48)	0-8	1	1
Fenofibrate (3M–1yr)	1698	360 (21.20)	0	0.23 (0.18–0.29)	0.52 (0.40–0.68)
			1	0.29 (0.23–0.36)	0.57 (0.46–0.71)
			2	0.37 (0.31–0.44)	0.63 (0.53–0.75)
			3	0.47 (0.41–0.54)	0.69 (0.60–0.80)
			4	0.60 (0.54–0.67)	0.76 (0.68–0.85)
			5	0.76 (0.69–0.85)	0.84 (0.75–0.94)
			6	0.97 (0.86–1.10)	0.92 (0.81–1.05)
			7	1.24 (1.05–1.45)	1.02 (0.86–1.20)
			8	1.58 (1.29–1.93)	1.12 (0.91–1.38)
Fenofibrate (1–2 yr)	531	91 (17.14)	0	0.09 (0.05–0.17)	0.28 (0.15–0.51)
			1	0.13 (0.08–0.22)	0.33 (0.20–0.55)
			2	0.19 (0.13–0.29)	0.40 (0.26–0.60)
			3	0.28 (0.20–0.39)	0.47 (0.34–0.65)
			4	0.41 (0.32–0.52)	0.57 (0.44–0.73)
			5	0.59 (0.48–0.73)	0.68 (0.55–0.84)
			6	0.85 (0.68–1.07)	0.81 (0.65–1.01)
			7	1.24 (0.93–1.64)	0.97 (0.73–1.29)
			8	1.79 (1.25–2.58)	1.16 (0.80–1.67)
Fenofibrate (>2yr)	271	41 (15.13)	0	0.02 (0.01–0.08)	0.07 (0.02–0.22)
			1	0.04 (0.02–0.12)	0.10 (0.03–0.27)
			2	0.08 (0.03–0.17)	0.14 (0.06–0.33)
			3	0.14 (0.07–0.26)	0.21 (0.11–0.40)
			4	0.24 (0.15–0.39)	0.31 (0.19–0.50)
			5	0.42 (0.29–0.61)	0.45 (0.31–0.65)
			6	0.75 (0.55–1.02)	0.66 (0.49–0.91)
			7	1.32 (0.92–1.90)	0.98 (0.67–1.42)
			8	2.33 (1.43–3.82)	1.44 (0.86–2.39)

HR: hazard ratio, CI: Confidence interval.

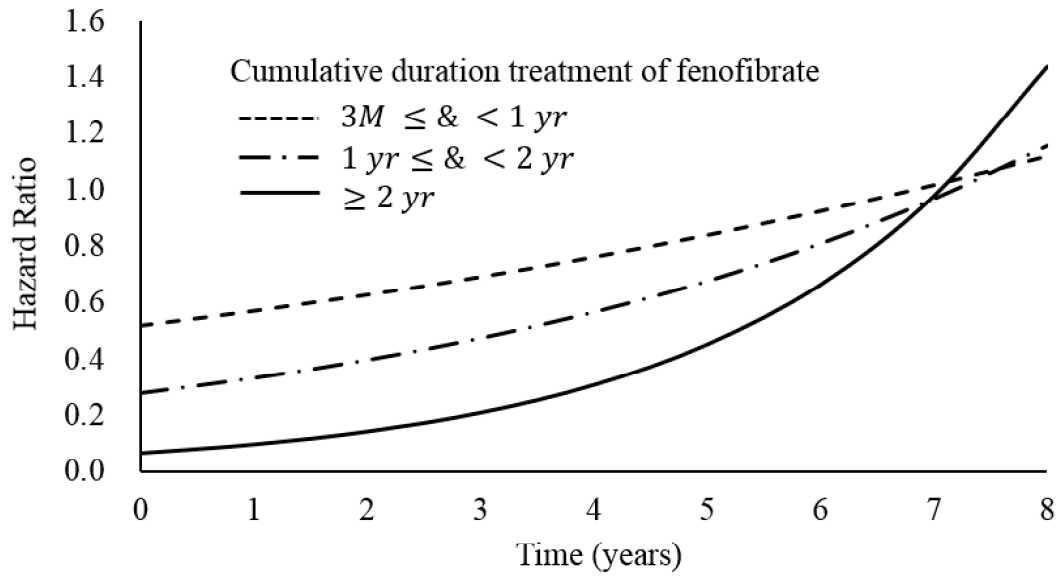


Figure S1. Survival curves of retinopathy based on different cumulative duration treatment.

Table S2. Hazard ratio of laser treatment based on cumulative duration treatment.

	Number of subjects	Number of retinopathy events (%)	of Year	Unadjusted HR (95% CI)	Adjusted HR (95% CI)
No	29713	1919 (6.46)	0–8	1.00	1.00
Fenofibrate					
Fenofibrate	2540	124 (4.88)	0	0.15 (0.09–0.25)	0.31 (0.18–0.52)
			1	0.20 (0.13–0.31)	0.36 (0.23–0.56)
			2	0.27 (0.19–0.39)	0.42 (0.30–0.61)
			3	0.37 (0.28–0.48)	0.50 (0.38–0.65)
			4	0.50 (0.40–0.61)	0.58 (0.47–0.72)
			5	0.67 (0.56–0.81)	0.68 (0.56–0.82)
			6	0.90 (0.74–1.11)	0.80 (0.65–0.98)
			7	1.22 (0.94–1.57)	0.94 (0.72–1.22)
			8	1.64 (1.18–2.28)	1.10 (0.78–1.54)

HR: hazard ratio, CI: Confidence interval.