Supplementary Table 2. Comparison of RTVue 100-2 OCT used in our study with other spectral domain-OCT instruments

| Type of SD-OCT (company) | Axial Resolution (μm) | A-Scans per Second | Features |
|--------------------------|-----------------------|--------------------|----------|
| RTVue-100 (Optovue)     | 5                     | 26000              | Point-to-point tracking with eye movement; high resolution of anterior segment imaging |
| Cirrus HD-OCT (Carl Zeiss Meditec) | 5 | 27000 | Fixation-independent scan adjustment; high resolution of anterior segment imaging |
| Spectralis (Heidelberg Engineering) | 7 | 40000 | Point-to-point tracking with eye movement; high digital resolution; 6 kinds of diagnostic methods; advanced choroidal pattern |
| 3D-OCT 1000 | 6 | 18000 | With no need for mydriasis and color fundus photographs can be acquired |
| Spectral OCT/SLO (OPKO/OTI) | 5 | 27000 | Point-to-point tracking with eye movement; high resolution of anterior segment imaging; precise macular measurement |
| SOCT Copernicus (Optopol) | 6 | 25000 | Point-to-point tracking with eye movement; high resolution of anterior segment imaging; more accurate layers of retina; judgement of the intraretinal cyst volume |
| SDOCT (Bioptigen) | 4 | 20000 | Appropriate for pediatric patients and animal experiments; portable type; Doppler blood flow analysis of retina |

Note: OCT stands for Optical coherence tomography.