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| **Supplemental Table 1.** Clinical demographics and patient information. |
| **Case No.** | **Sex** | **Age** | **Eye** | **DM Type** | **HbA1C within 3 mos.** | **Pre-op Dx** | **Intra-op FVM** | **Pre-Op Va** | **POM3 Va** | **Bilateral Surgery** | **Analysis** |
| 1 | F | 51 | OS | 2 | 8.4 | VH/TRD/NVG | NV-Fibrosis | HM | HM | Yes | EM |
| 2 | F | 29 | OD | 1 | 9.0 | VH/TRD | NV-Fibrosis | LP | 20/250 | No | IHC |
| 3 | F | 29 | OS | 1 | 8.5 | TRD/RRD | NV-Fibrosis | 20/200 | 20/100 | Yes | IHC, SNP Array, C-FVM |
| 4 | M | 28 | OD | 1 | 9.4 | TRD | NV-Fibrosis | 20/230 | CF | Yes | IHC |
| 5 | F | 51 | OS | 2 | 6.5 | VH/TRD/RRD | NV-Fibrosis | HM | HM | No | IHC,C-FVM |
| 6 | M | 44 | OD | 1 | 7.9 | TRD/RRD | NV-fibrosis | HM | HM | Yes | IHC |
| 7 | M | 51 | OS | 2 | NA | TRD/RRD | NV-fibrosis | HM | 20/500 | No | CGH |
| 8 | M | 59 | OS | 2 | 8 | VH/TRD | Fibrosis | 20/80 | CF | Yes | CGH |
| 9 | F | 34 | OD | 1 | 7.0 | TRD/RRD | NV-fibrosis | HM | LP | No | CGH |
| 10 | M | 51 | OS | 1 | 9.2 | VH/TRD/RRD/NVI | NV-fibrosis | CF | HM | Yes | CGH |
| 11 | M | 32 | OS | 1 | NA | VH/TRD | NV-fibrosis | 20/250 | 20/60 | Yes | CGH |
| CF = counting fingers; CGH = comparative genomic hybridization; DM = diabetes mellitus; Dx = diagnosis; EM = electron microscopy; F = female; FVM = fibrovascular membrane; M = male; HM = hand motions; IHC = immunohistochemistry; LP = light perception; NA = not available; NV = neovascular; NVI = neovascularization of the iris; NVG = neovascular glaucoma; OD = right eye; OS = left eye; POM3 = post-operative month 3; RRD = rhegmatogenous retinal detachment; SNP = single nucleotide polymorphism; TRD = tractional retinal detachment; Va = visual acuity; VH = vitreous hemorrhage. |