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LIST OF ABBREVIATIONS

AGEs : Advanced glycation end products
AR : Aldose reductase
BCVA : Best corrected visual acuity
bFGF : Basic fibroblast growth factor
CF : Central foveal point
CFP : Central foveal point.
CMT : Central macular thickness
CS : Central subfield
CSF : Central subfield
CSME : Clinically significant macular edema
D : Diopter
DCCT : Diabetes Control and Complications trial
DM : Diabetes mellitus
DME : Diabetic macular edema
DR : Diabetic retinopathy
DRS : Diabetic retinopathy study
DRT : Diffuse retinal thickening
DRVS : Diabetic retinopathy vitrectomy study
ERG : Electroretinogram
ETDRS : Early treatment diabetic retinopathy study
FA : Fluorescein angiography
FAZ : Foveal avascular zone
FD : Fourier domain
FPD : Fibrous proliferation on the disc
FPE : Fibrous proliferation elsewhere
GH : Growth hormone
HbA*R*1C : Glycosylated hemoglobin
HR PDR : High risk proliferative diabetic retinopathy
HTN : Hypertension
IOL : Intraocular lens implantation
IOP : Intraocular pressure
IRMA : Intra-retinal micro-vascular abnormalities
IV TA : Intra-vitreal Triamcinolone acetonide
ME : Macular edema
Mg : Milligram
MG : Macular grid
MG : Macular grid
Mm : Millimeter
N : Number of the studied sample
Nd/Yag : Neodmium yttrium aluminium garnium laser

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NPDR : Non-proliferative diabetic retinopathy
NVDs : New vessels of the disc
NVEs : New vessels elsewhere
OCT : Optical coherence tomography
PDGF : Platelet derived growth factor
PDR : Proliferative diabetic retinopathy
PEDF : Pigment epithelium derived factor
PHM : Posterior hyaloid membrane
PHT : Posterior hyaloid traction
PKC : Protein kinase c
PPV : Pars plana vitrectomy
PRH : Pre-retinal hemorrhage
PROS : Photoreceptor outer segment
PRP : Pan retinal laser photocoagulation
PVD : Posterior vitreous detachment
RPE : Retinal pigment epithelium
RT : Retinal thickness
RTA : Retinal thickness analyzer
SD : Standard deviation
SLO : Scanning laser ophthalmoscope
SRD : Serous retinal detachment
TA : Triamcinolone acetonide
TGFß : Transforming growth factor beta
TRD : Tractional retinal detachment
TRD/RRD : Combined tractional rhegmatogenous retinal detachment
U : Mann-whitney
UKPDS : United kingdom prospective diabetes study
VA : Visual acuity
VEGF : Vascular endothelial growth factor
VF : Vitreous fluorophotometry
VH : Vitreous hemorrhage
WDRS : Wisconsin diabetes registry study
WESDR : Wisconsin Epidemiologic Study of Diabetic Retinopathy
µm : Micrometer
$\chi P2$: Chi-squar

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