Interaction between Optical Coherence Tomography and Fluorescein Angiography in Diabetic Retinopathy

Essay

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List of Abbreviations

AGE'sadvanced glycation end products **A-V....**Arterio Venous **CME**Cystoid macular edema. **CRA**.....Central retinal artery **CSME**Clinically significant macular edema **DA**......Disc area **DAG.....**Diacylglycerol **DCCT**Diabetic Control and Complications Trial **DD.....** Disk diameters **DME**Diabetic macular edema **DR.....**Diabetic Retinopathy **ETDRS** Early treatment diabetic retinopathy study **FA**Fluorescein angiography FasLFas ligand **FAZ.....**Foveal avascular zone **FD**Fourier domain **IDDM.....**Insulin Dependent Diabetes Melitus **IFG.....**Impaired fasting glucose

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IGTImpaired glucose tolerance **ILM.....**Internal limiting membrane **IOP.....**Intra ocular pressure **IRMA.....**Intra Retinal Microvascular abnormality **LED**Light emitting diode MVLModerate visual loss **NFL**Nerve fibre layer **NOS**Nitrous oxide synthase **NPDR.....**Non Proliferative Diabetic Retinopathy **NVD**....new vessels at disc **NVE**new vessels at elsewhere **OCT**.....Optical coherence tomography **ONH.....**Optic Nerve Head **OPL**Outer plexiform layer **PDR**Proliferative diabetic retinopathy **PDR** Proliferative Diabetic Retinopathy **PEDF**Pigment epithelium-derived factor **PKC**Protine kinase C

RBCRed blood cell

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RNFL.....Retinal nerve fibre layer

ROSreactive oxygen species

RPE.....Retinal pigment epithelium

SD....Spectral domain

SD/FD...... Spectral domain/ Fourier domain

T1DMType 1 diabetes mellitus

T2DMType 2 diabetes mellitus

UHR OCT...Ultrahigh-resolution

VEVascular endothelial

VEGF..... Vascular endothelial growth factor

WHOWorld Health Organization

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