

Appendix 5 (Continued)
Comparison of ETDRS and International
Clinical Diabetic Retinopathy and Macular Edema Severity Scales

Diabetic Macular Edema	ETDRS	International Scale
DME apparently absent		No apparent retinal thickening or HE in posterior pole
DME apparently present		Some apparent retinal thickening or HE in posterior pole
Mild DME	Retinal thickening within 2 DD of center of the macula	Some retinal thickening or HE in posterior pole, but distant from center of the macula
Moderate DME		Retinal thickening or HE approaching, but not involving, the center of the macula
Severe DME		Retinal thickening or HE involving the center of the macula
CSME (non-central involved) CSME (central-involved)	One or more of the following: • A zone or zones of retinal thickening ≥ 1 DA in size, any portion of which is ≤ 1 DD from the center of the macula • Thickening of the retina ≤ 500 microns from the center of the macula; • HE ≤ 500 microns from the center of the macula with thickening of the adjacent retina	

CSME - clinically significant macular edema **DA** - disc area **DD** - disc diameter **DME** - diabetic macular edema **DR** - diabetic retinopathy **FPD** - fibrous proliferation on or within 1 DD of disc margin **FPE** - fibrous proliferation elsewhere **HE** - hard exudates **H/MA** - hemorrhage(s) and/or microaneurysm(s) **IRMA** - intraretinal microvascular anomaly **Ma** - microaneurysms **NPDR** - nonproliferative diabetic retinopathy **NVD** - new vessels on or within 1 DD of disc margin **NVE** - new vessels elsewhere **PDR** - proliferative diabetic retinopathy **PRH** - preretinal hemorrhage **VB** - venous beading **VH** - vitreous hemorrhage

Sources: Early Treatment Diabetic Retinopathy Study Research Group. Grading diabetic retinopathy from stereoscopic color fundus photographs: an extension of the modified Airlie House classification. ETDRS Report Number 10. *Ophthalmology* 1991; 98:786-806 and Wilkinson CP, Ferris FL 3rd, Klein RE, et al. Proposed international clinical diabetic retinopathy and diabetic macular edema disease severity scales. *Ophthalmology* 2003;110:1677-82