

Supplementary Table S2. Maculopathy and retinopathy grades for the diabetic retinal screen.

MACULOPATHY GRADING		
Maculopathy	Description	Outcome
M0 (No maculopathy)	No features ≤ 2 disc diameters from the centre of the fovea, enough to classify it as M1 or M2 from definitions below	Rescreen in 12 months
M1 (Observable)	Any hard exudates within a radius of > 1 but ≤ 2 disc diameters of the fovea centre	Rescreen in 6 months or refer to ophthalmology if not feasible
M2 (Referable)	Any hard exudates or blot haemorrhages within a distance of ≤ 1 disc diameter of the fovea centre.	Refer to ophthalmology (these patients will not definitely receive immediate laser treatment and may be kept under surveillance
RETINOPATHY GRADING		
Retinopathy	Description	Outcome
R0 (No visible retinopathy)	No diabetic retinopathy anywhere	Rescreen in 12 month
R1 (Mild)	Background Diabetic Retinopathy (BDR) – Mild Presence of any one of these: Dot haemorrhages, micro-aneurysms, hard exudates, cotton-wool spots, blot haemorrhages, flames shaped haemorrhages	Rescreen in 12 month
R2 (Observable Background)	Background Diabetic Retinopathy (BDR) – Observable Four(4) or more blot haemorrhages in one hemi-field*	Rescreen in 6 month
R3 (Referable Background)	Background Diabetic Retinopathy (BDR) - Referable Presence of any of the following: <ul style="list-style-type: none"> • Four(4) or more blot haemorrhages in both superior and inferior hemifields • Venous beading • IrMA 	Refer to ophthalmology;
R4 (Proliferative)	Proliferative Diabetic Retinopathy (PDR) Presence of active new vessels or Vitreous haemorrhage	Refer to ophthalmology; Patients are likely to receive laser treatment or other intervention
R6 (Inadequate)	Not adequately visualized; Retina not sufficiently visible for assessment	Technical failure; Patients for alternative screening examination.
IrMA, Intraretinal Microvascular Abnormality. * The hemifields, Superior and Inferior, are demarcated by a line through the fovea centre and optic disc.		

Source: The Scottish Diabetic Retinopathy Grading Scheme 2007 v1.0.¹⁶