

Protocol Number:

17020NL-AS

Image ID Number:

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**Effectiveness of Multimodal imaging for the Evaluation of Retinal oedema And new vessels in Diabetic retinopathy (EMERALD)**

**Wide Angle Optos Grading Form**

Grader Name:

Date: \_\_/\_\_/\_\_

Time grading began

H	R	:	M	M
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**Were all wide angle optos images available:** (please  boxes)

**Yes**       **No**      *If no, please tick those that are missing below:*

**Superior**       **Centre**       **Inferior**

**Overall, were the wide angle Optos images:** (please  only one box per eye)

**Adequate**      **RE**       **LE**

Artifacts absent and images are of adequate quality for interpretation

**OR**

**Inadequate**      **RE**       **LE**

Artifacts present or images missing or of inadequate quality for interpretation

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Have the eyes received panretinal photocoagulation (PRP) and if so, to what extent?

RE

No PRP

Partial PRP

Complete PRP

LE

No PRP

Partial PRP

Complete PRP

To determine whether PDR was 'Active' or 'Inactive' please read the definitions below:

**Active PDR** is defined by the presence of pre-retinal or vitreous haemorrhage and/or active new vessels (new vessels with lack of fibrosis on them)

Note: Fine new vessels in the disc (NVD) or new vessels elsewhere (NVE) may be seen with no clear fibrosis on them in a patient with full and complete panretinal photocoagulation; under these circumstances this would be considered "Inactive PDR".

**Inactive PDR** is defined by absence of pre-retinal or vitreous haemorrhage and absence of active new vessels or fine NVD or NVE in the context of a full and complete PRP

**PDR in the RIGHT EYE** (*tick one box only*):

No PDR

PDR present

UNSURE if present

UNGRADEABLE

If PDR is present:

INACTIVE

ACTIVE

UNSURE if active

**PDR in the LEFT EYE** (*tick one box only*):

No PDR

PDR present

UNSURE if present

UNGRADEABLE

If PDR is present:

INACTIVE

ACTIVE

UNSURE if active

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Please record the absence/presence of pre-retinal or vitreous haemorrhage:

	RIGHT EYE			LEFT EYE		
	Absent	Present	Unsure *	Absent	Present	Unsure *
Pre-retinal haemorrhage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vitreous haemorrhage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\*Unsure if there is a pre-retinal or vitreous haemorrhage present

Please record the absence/presence of Active or Inactive NVD and NVE:  
 ('Cannot grade' may be assigned if vitreous haemorrhage is present)

	RIGHT EYE				LEFT EYE			
	Absent	Present	Cannot grade	Unsure *	Absent	Present	Cannot grade	Unsure *
Active NVD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inactive NVD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* Unsure if the structure seen is an NVD or other abnormality (e.g, collatorals)

NVD present but unsure if active or inactive	RIGHT EYE <input type="checkbox"/>	LEFT EYE <input type="checkbox"/>
	NA <input type="checkbox"/>	NA <input type="checkbox"/>

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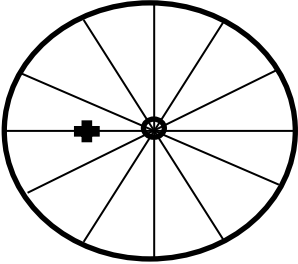
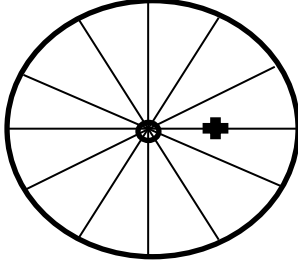
Image ID Number:

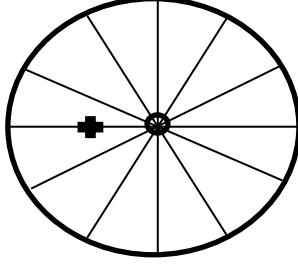
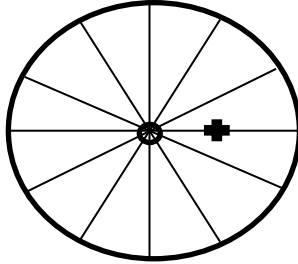
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## Wide Angle Optos Grading Form

	RIGHT EYE				LEFT EYE			
	Absent	Present	Cannot grade	Unsure *	Absent	Present	Cannot grade	Unsure *
<b>Active NVE</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>If Active NVE present:</b> Specify locations by placing "X" in the correct clock hours								

	RIGHT EYE				LEFT EYE			
	Absent	Present	Cannot grade	Unsure *	Absent	Present	Cannot grade	Unsure *
<b>Inactive NVE</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>If Inactive NVE present:</b> Specify locations by placing "X" in the correct clock hours								

\*Unsure if the structure seen is an NVE or other abnormality (e.g. IRMA)

Protocol Number:

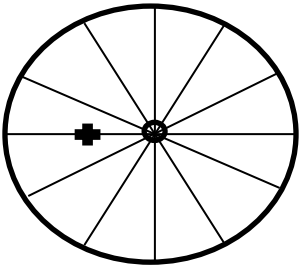
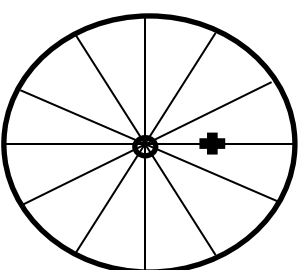
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## Wide Angle Optos Grading Form

NVE present but unsure if active or inactive	<b>RIGHT EYE</b> <input style="width: 30px; height: 20px;" type="checkbox"/>	<b>LEFT EYE</b> <input style="width: 30px; height: 20px;" type="checkbox"/>
	N/A <input style="width: 30px; height: 20px;" type="checkbox"/>	N/A <input style="width: 30px; height: 20px;" type="checkbox"/>
Specify locations by placing "X" in the correct clock hours		

**Patient outcomes:**

**Does the patient require a full clinical assessment by an ophthalmologist?**

YES

NO

If full clinical assessment by ophthalmologist is required please indicate reasons(s) below:  
*Please tick as many boxes as are appropriate*

	RIGHT EYE	LEFT EYE
Presence of 'Active PDR'	<input type="checkbox"/>	<input type="checkbox"/>
I am unsure if there is active PDR	<input type="checkbox"/>	<input type="checkbox"/>
Inadequate quality images	<input type="checkbox"/>	<input type="checkbox"/>

Presence of other condition requiring referral: *please specify*

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## Wide Angle Optos Grading Form

OR

Could this patient continue to be reviewed in the ophthalmic grader pathway?

YES  NO

Please provide any other comments you think are relevant:

Time grading ended:

H	R	:	M	M
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