

Protocol Number:

17020NL-AS

Image ID Number:

E M



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

7 Field ETDRS Grading Form

Grader Name: Print Name

Date: / /

Time grading began:

H R : M M

Were there any fields missing or of poor quality? Yes No

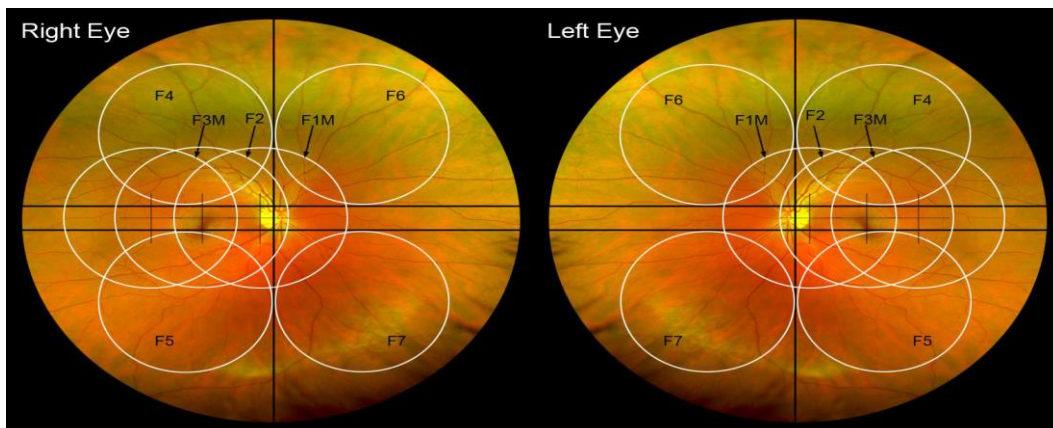
If yes, please specify eye and field(s): [Please refer to the diagram below and bear in mind that some cameras do not capture in a complete circle]:

RE: Missing (circle missing fields) F1 F2 F3 F4 F5 F6 F7

Poor quality (circle inadequate fields) F1 F2 F3 F4 F5 F6 F7

LE: Missing (circle missing fields) F1 F2 F3 F4 F5 F6 F7

Poor quality (circle inadequate fields) F1 F2 F3 F4 F5 F6 F7



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Overall, were the 7 Field ETDRS 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 pre-retinal or vitreous haemorrhage*

Please record the absence/presence of Active or Inactive NVD and NVE:
(‘Cannot grade’ may be assigned if pre-retinal or vitreous haemorrhage 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	LEFT EYE
	<input type="checkbox"/>	<input type="checkbox"/>
	N/A <input type="checkbox"/>	N/A <input type="checkbox"/>

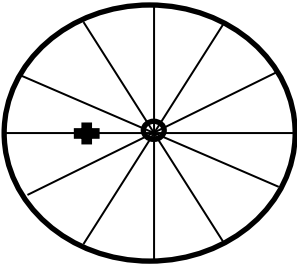
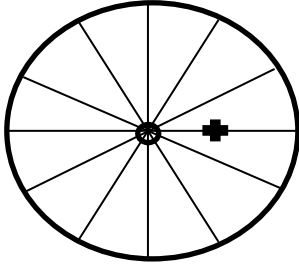
Protocol Number:

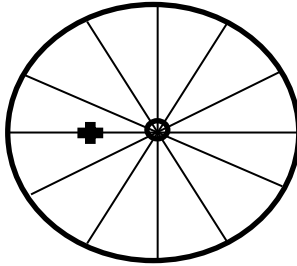
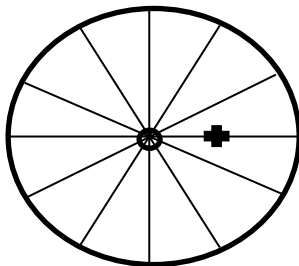
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	RIGHT EYE				LEFT EYE			
	Absent	Present	Cannot grade	Unsure*	Absent	Present	Cannot grade	Unsure*
Active NVE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>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

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

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

NVE present but unsure if active or inactive	RIGHT EYE	LEFT EYE
	<input type="checkbox"/>	<input type="checkbox"/>
	N/A	N/A
	<input type="checkbox"/>	<input type="checkbox"/>

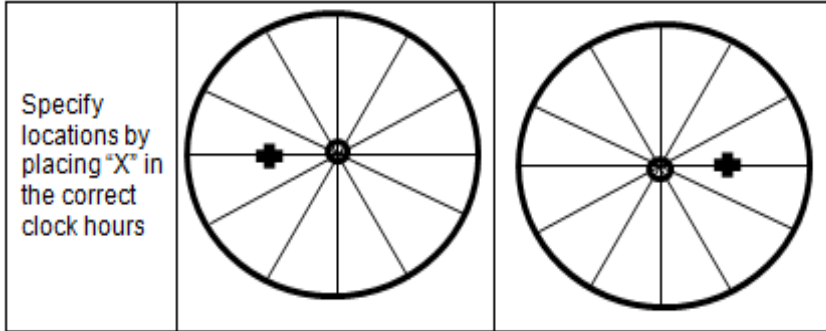
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Patient outcomes:

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: <i>please specify</i>		

OR

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

YES

NO

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Please provide any other comments you think are relevant:

Time grading ended:

H	R	:	M	M
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