

External Quality Assurance Systems for Graders

Prof. Peter Scanlon MD FRCOphth FRCP DCH

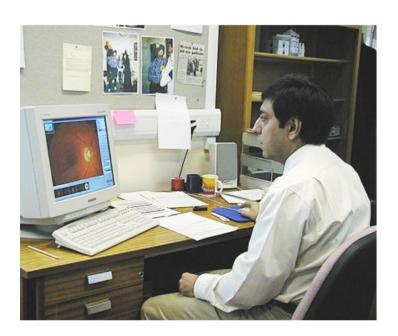
Programme DirectorEnglish National Programme



Quality Assurance of Staff

To ensure that whole screening programme is provided by a trained and competent workforce

- 1. Staff accreditation
- 2. Evidence of ongoing CPD and EQA test sets



Standardising the grading of retinopathy

In 2009/10, English DESP introduced:

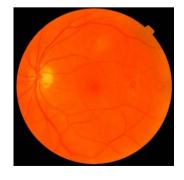
Monthly QA test sets for all (1500+) graders in 84 local screening sites

Latest version provides 20 image sets per month.

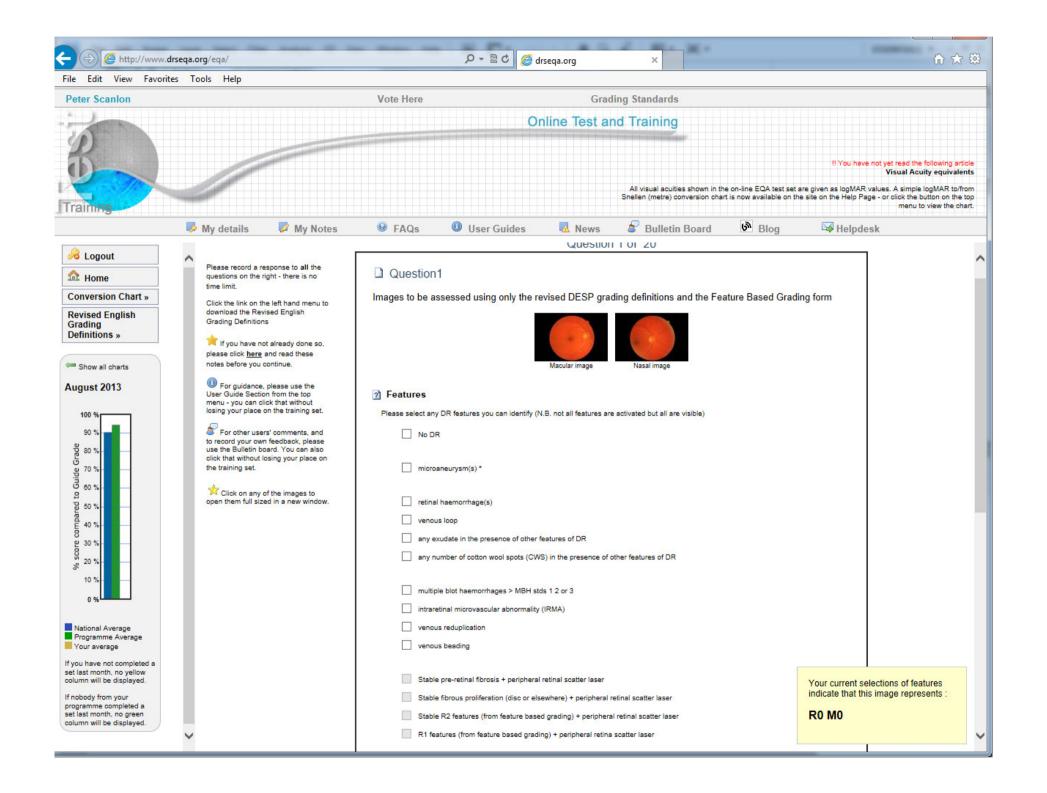
The grading is lesion based it also provides feedback with more of a training element

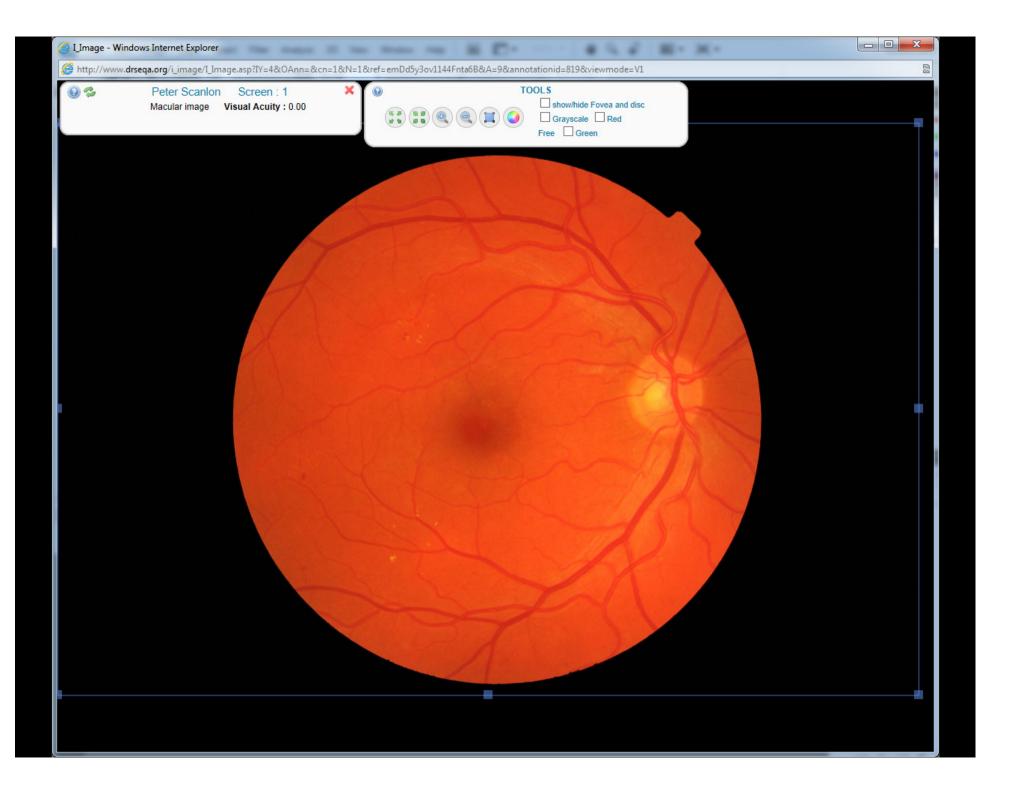
We have approximately 1100 graders per month taking this in the English programme

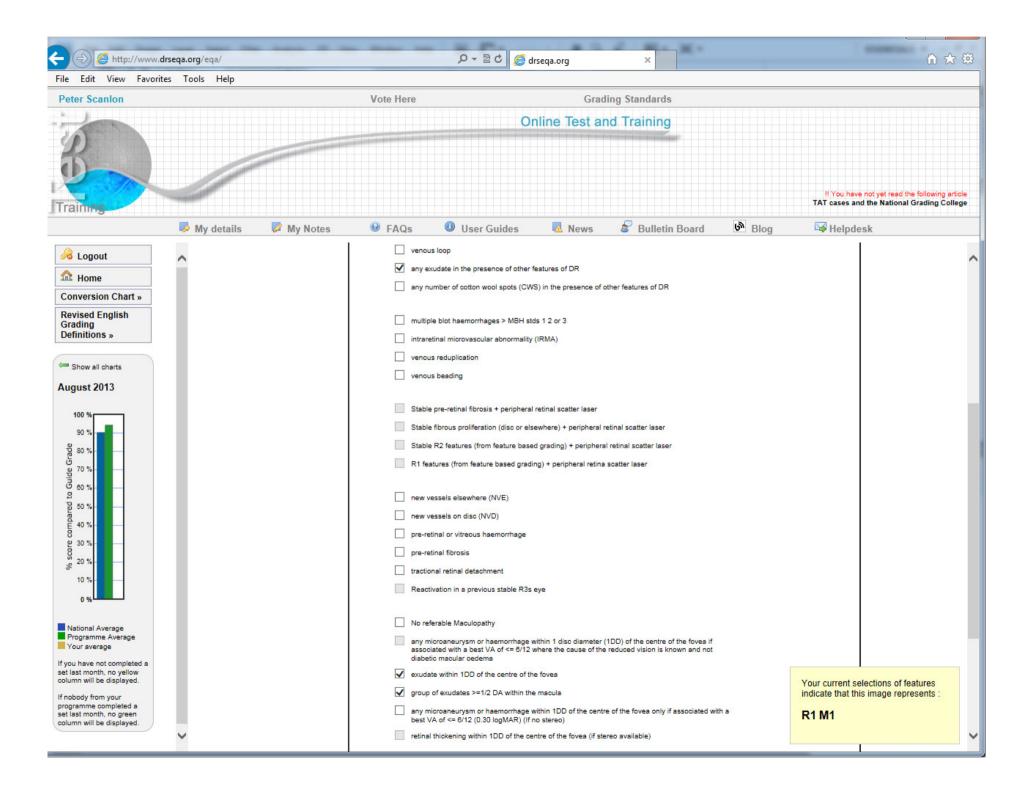




Accessed via the internet







Print window »

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The notes below summarise your responses when compared to the Guide Grade.

Of the 3 urgent referrals, you recorded 3 (100 %) as urgent referral

Of the 8 routine referral cases, you recorded 8 (100 %) as routine referral

Of the 9 annual rescreen cases, you recorded9 (100 %) as annual rescreen

Level of agreement Chart : Comparison with Guide Grade Peter Scanlon 08/09/2013 : 17:39:43

Guide Grade Level of Agreement

			Grad	er: Pet	er Sca	nlon				
Guide	:	R0	R1M0	R1M1	R2M0	R2M1	R3M0	R3M1	R3aM0	R3aM1
de G	R0	4	0	0	0	0	0	0	0	0
Grade	R1M0	0	5	0	0	0	0	0	0	0
(D	R1M1	0	0	5	0	1	0	0	0	0
	R2M0	0	0	0	0	0	0	0	0	0
	R2M1	0	0	0	0	2	0	0	0	0
	R3M0	0	0	0	0	0	0	0	0	0
	R3M1	0	0	0	0	0	0	0	0	0
	R3aM0	0	0	0	0	0	0	0	1	0
	R3aM1	0	0	0	0	0	0	0	0	2

The above chart includes only responses for Test sets you have completed The chart displays how you responded when compared to the Guide Grade.

Seeing is Believing Grant To develop an International version \$49,035.

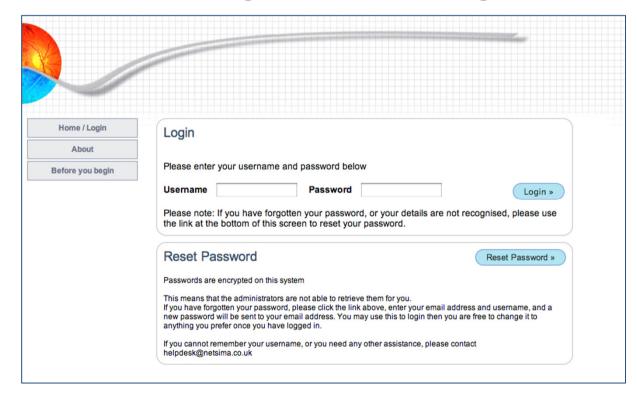
Project Objective (relate to 3.1 in application form)	Key Outputs/Deliverable	Timeframe for A Please shade months required for activity an									
		MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC
Develop, migrate and test new international domain site to support	1.1 Redevelop and migrate software										
international TAT access	1.2 IP Licencing by Gloucestershire Hospitals Trust										
	1.3 Develop Clinical Content										
	1.4 Web hosting, backup and storage										
	1.5 Review and validate clinical content										
	1.6 Test and validate site										
	1.7 Provide management Reports & User Feedback										
Support and provide on-line / email access helpdesk to international TAT	2.1 Set up Helpdesk for international pilot										
users	2.2 Provide continuing access to Helpdesk for TAT users										
3. Develop training packages for pilot programmes	3.1 Develop on-line learning support material										
	3.2 Provide support for pilot sites										
Ascertain whether there is a necessity to translate user manuals	4.1 Develop & distribute Questionnaire to assess understanding of English Manuals										
	4.2 Assess Questionnaire responses										
	4.3 If required, translate User Manuals max 3 languages			v.							
	4.4 If required, back-translate User manuals to English								4		
5. Monitor test scores of graders	5.1 Monitor scores and produce individual reports after each monthly test set										

The creation of a non-English language version of the Test and Training System



A mechanism was required that enabled the translator to translate the system efficiently and reliably.

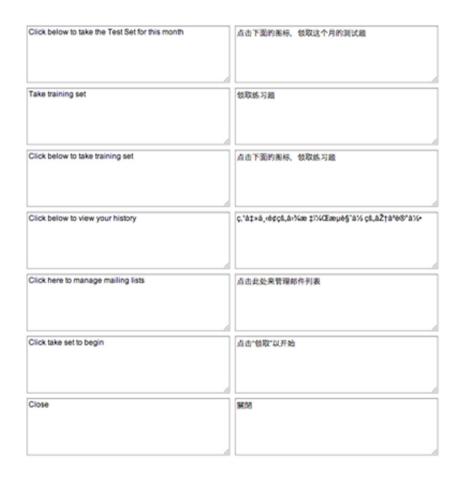
Removed English from the Logo



Every link, heading and button was modified so that it could display either the English, or a translated version of the text

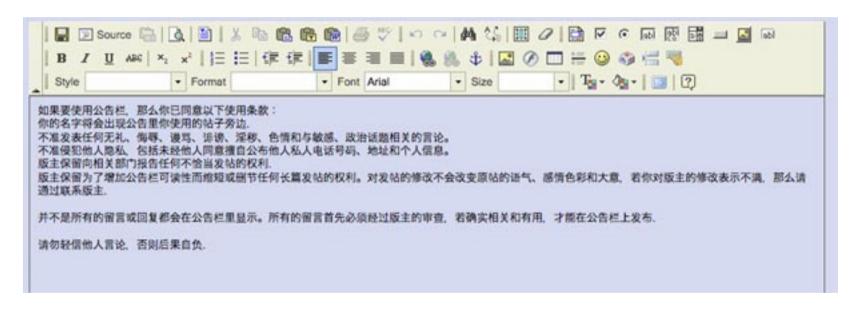


A configuration system was created to enable the translator to simply record the translations for all the main links, headings and buttons on the system.





Large pieces of text were translated by the translator using the on line content editor.



The whole system was then proof read by another Mandarin language speaker and final minor modifications were made



❷ 重設密碼	
请输入您的电子邮件地址 与您的用户名	
如果您不记得您的用户名,或者不确定您的电子 helpdesk@netsima.co.uk	产邮件地址,请联系
	重設密碼 »



Seeing is Believing sites:

Botswana – Tunde Peto Moorfields

- Staff member Peter Blows, is going to Botswana to do more training second part of May
- For the new Botswana users, we have created 10 user accounts, at this stage registered as Trainee with access only to the Training (not Test) elements of TAT.

Bangladesh and Indonesia – Mahi Muqit from Moorfields

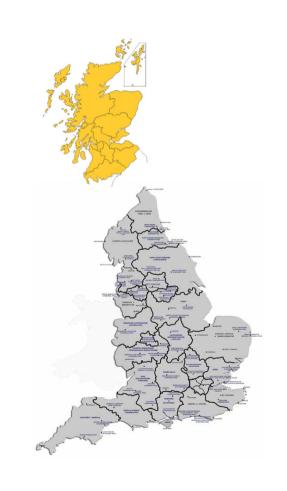
- Mahi plans to travel to Indonesia again in May/June
- For the Bangladesh Programme users, who took part in the original pilot we have given access to active monthly Test sets (as well as training sets).
- For the new Indonesia users, we have created 10 user accounts, at this stage registered as Trainee with access only to the Training (not Test) elements of TAT.

Qualifications in diabetic retinopathy screening

Competence framework
National Occupational Standards
Qualifications in Diabetic Retinopathy Screening
Accreditation / awarded by City & Guilds



- Choice of 5 qualifications (2 Diplomas, 2 Certificates & 1 Award), dependant on candidate's professional role
- 9 modules, mixed selection to create the various qualifications









Certificate of Higher Education

Diabetic Retinopathy Screening

A new University-validated course and qualification will soon be available to staff working in diabetic retinopathy (DR) screening around the world.

The **Certificate of Higher Education in Diabetic Retinopathy Screening** has been developed by Gloucestershire Hospitals NHS Foundation Trust and is validated and awarded by the University of Gloucestershire.

The distance learning delivered course and award, supported by clinical and educational experts, has been developed for staff working in DR screening programmes without access to a qualification.

Cert HE in Diabetic Retinopathy Screening is coming your way!

Feature-based retinopathy learning and assessment



Key features:

- University-validated course & award
- > 120 CAT points at level 4
- 24/7 access to web-served distance learning (no Time Zone issues)
- Modular course structure with guided self-learning
- Feature-based retinopathy learning
- Local practical skills assessments
- Access to clinical & education experts
- > Completion within one year

Image Viewer window with manipulation tools:



Course structure and content:

The Level 4 Cert HE award comprises 5 modules:

HS4301	An introduction to the Study of Diabetic Retinopathy	15 CAT
HS4302	Diabetic eye screening programmes, processes and protocols	15 CAT
HS4303	Preparing the patient for diabetic eye screening	30 CAT
HS4304	Performing retinal screening	30 CAT
HS4305	Assessing retinal images	30 CAT

Student learning is through web-served course content and guided further study.

Sequential learning and assessment methods include structured 'quizzes' and reflective learning, multiple-choice exams and locally observed practical skills assessments.

University of Gloucestershire

International Undergraduate

Certificate in Diabetic Retinopathy

Screening

- On line distance learning
- Developed the learning outcomes.
- Has been approved by the University of Gloucestershire
- 18-20 screeners from the National Screening Programme in Ireland commence in May 2014 & 1 person from New Zealand

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All enquiries via email contact: drsadministrator@glos.nhs.uk

Costs

- £1500 (2479 USD) split between University & GHNHSFT
- Costs in development for GHNHSFT distance learning web platform alone £15,000 (24,790 USD) – need 30 students to recover this cost alone
- Need to work out a way of providing an International qualification at a cost that is affordable for trainees and for us to provide it.

Thank you for inviting me to speak and for listening