

My first year as President

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My Vision for BARS



Some of my ideas from last year...

- ▶ To provide a forum for shared learning and experience
- Sharing good practice/ tips for improving screening uptake/ ways to reduce non-attendance
- More educational content with an OCT interpretation courses & case studies- through an educational platform for professional groups

3 Things we have achieved this year....

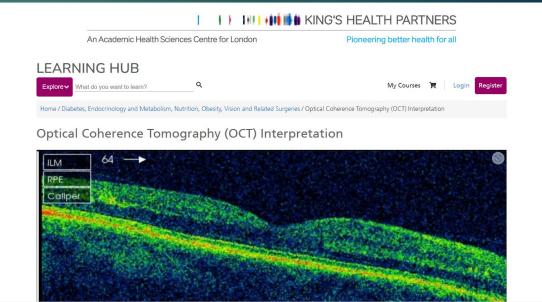


1) Launched the Future NHS BARS Platform



 2) Completed the KHP OCT interpretation course- with test sets and completion certificates

- ▶ 3) Produced patient information video...
- More later.....









BARS (British Association of Retinal Screening)

BARS (British Association of Retinal Screening)

Recent Activity

You started a new discussion Case Study in Forum
4 weeks ago

You started a new discussion Welcome to new members! in Forum 7 weeks ago

You replied to a discussion Guidance on Transgender Patients in Forum 7 weeks ago

Kimberley Turner replied to a discussion Guidance on Transgender Patients in Forum 2 months ago

Robin Davis replied to a discussion Guidance on Transgender Patients in Forum 2 months ago

Go to What's New

View on Twitter

Members

OL FH

BM KD

KB FG

HS JF

Members













? Support

61 members

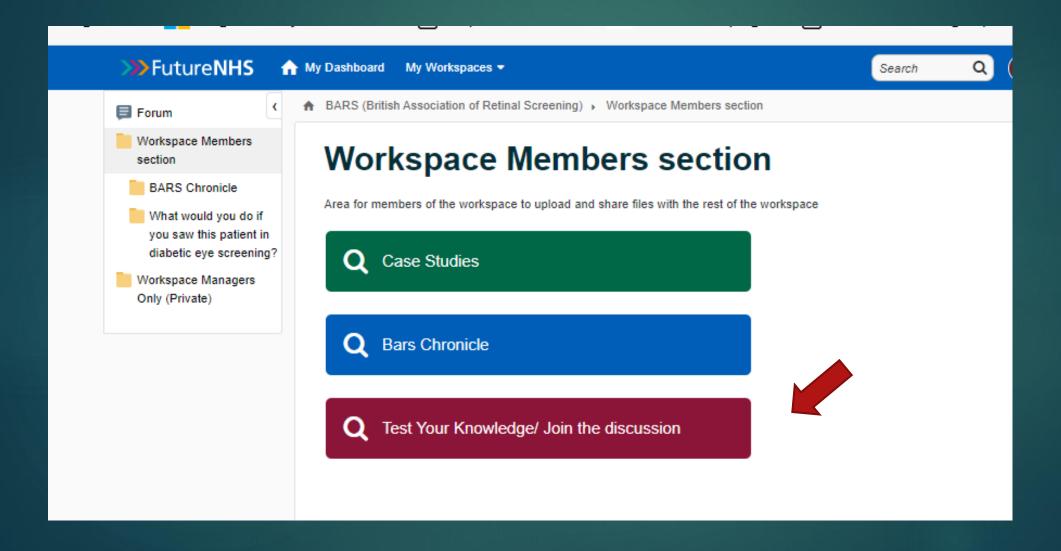




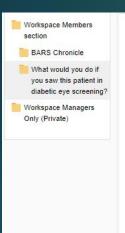
Future NHS Platform



Test your Knowledge......



Cases/ Quizzes



What would you do if you saw this patient in diabetic eye screening?

61 yr old male attended for diabetic eye screening. He has type 2 diabetes for 20 years. Whilst being photographed the screener/grader noticed a lesion in the far temporal periphery of the left eye and took this extra image.

Are you worried about this lesion?

What do you think is the most likely diagnosis?

- Choroidal Naevus
- Malignant Melanoma
- Toxoplasmosis Scar
- · Congenital Hypertrophy of the Retinal Pigment Epithelium
- · Previous Cryotherapy scar for a retinal tear

Do you need to refer this to HES Urgently, Routine or is no referral needed?

Contents

Background

The need

The solution

Lessons



OCT quiz

← Previous discussion Next discussion →



Samantha Mann 6 months ago | Broadcast

This 98 yr old attended the OCT clinic and this image was captured in the Right eye. Her vision was recorded as 6/36. What features can you see on the OCT scan? Which part of the retina is affected, inner or outer retina? What is the likely diagnosis and what should the outcome be? See poll

What do you think is the likely diagnosis? What should be the Outcome? Tick both

Tractional Retinal Detachment

Central Serous Retinopathy

Wet Age Related Macular Degeneration

Polypoidal Choroidal Vasculopathy

Choroidal Melanoma

Refer as Routine DR Refer as Urgent DR

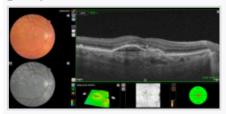
Refer as Urgent Non-DR

Refer as Routine Non-DR

No referral needed

- (6 months ago)
- G Kimberley Turner Refer as Urgent Non-DR (6 months ago)

Add tag



1 Reply

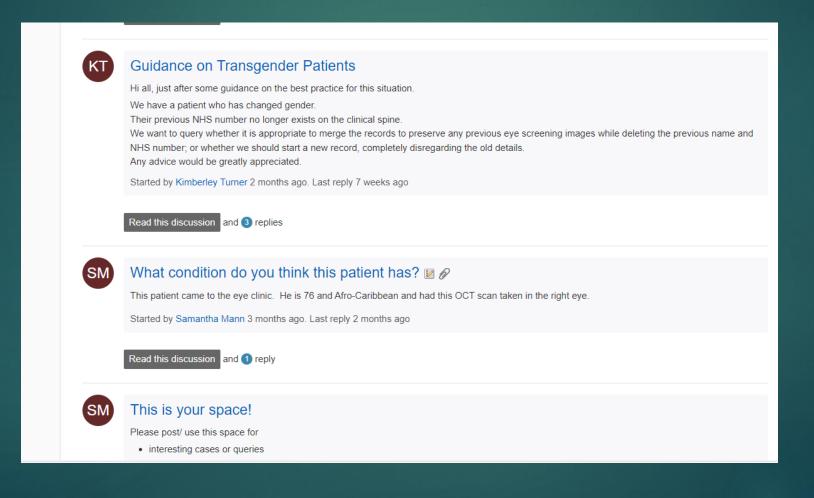


Samantha Mann 4 months ago

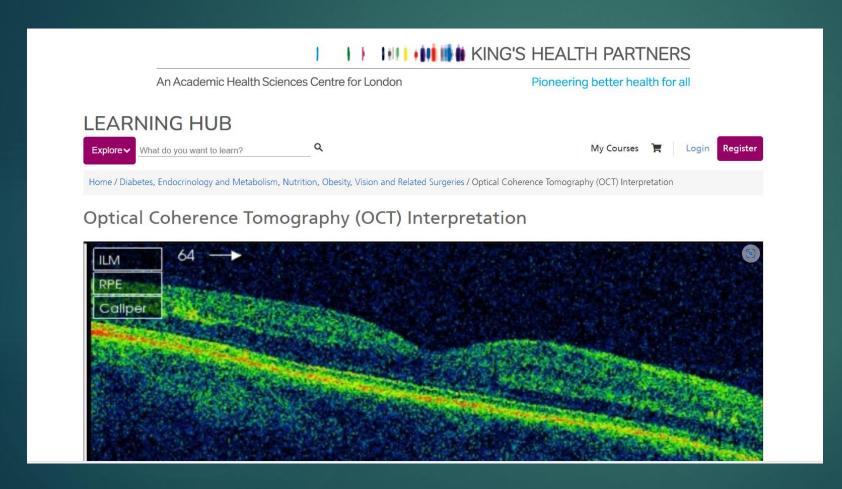
Yes, that is correct. The outer retina is affected on this OCT scan with evidence of subretinal fluid and a pigment epithelial detachment (domed elevation). This is strongly suggestive of Wet AMD and requires urgent referral to the Injection service at HES.



Your space to bring up topics for discussion!

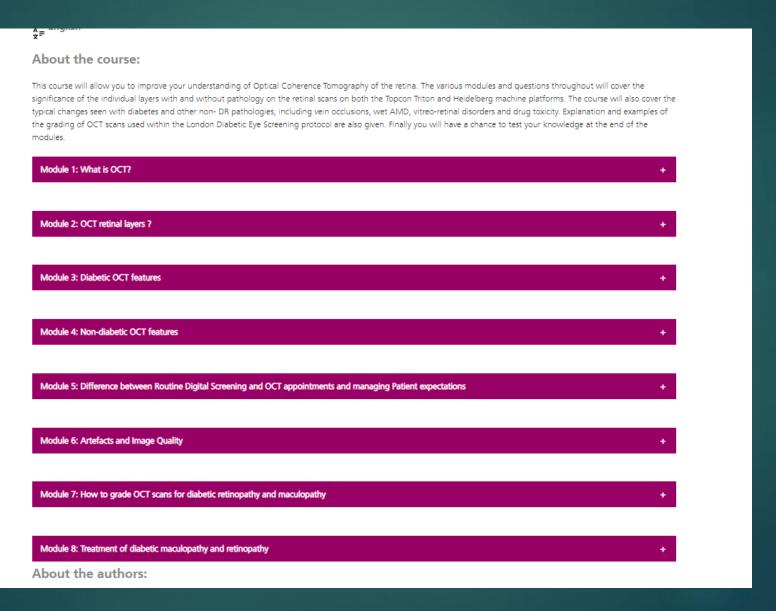


OCT interpretation course

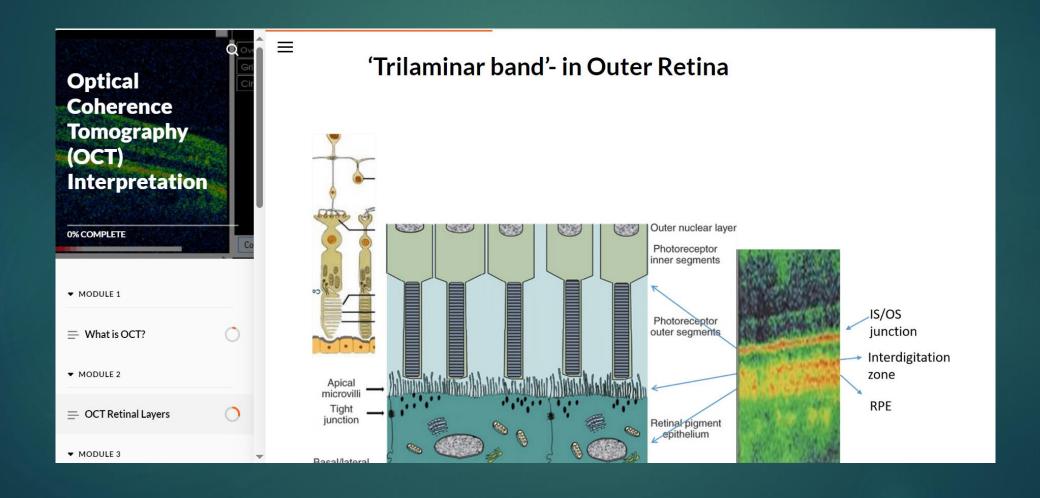


Public Learning Hub link: https://learninghub.kingshe althpartners.org/product?c atalog=khp1170c

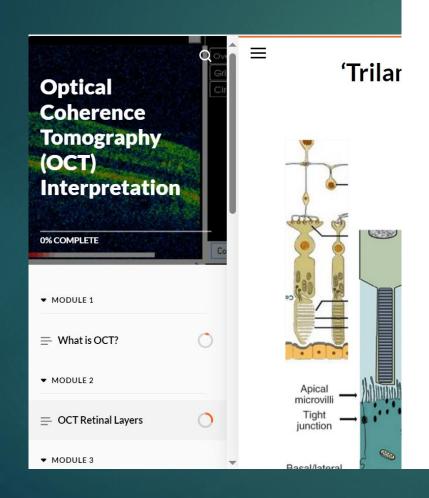
8 modules

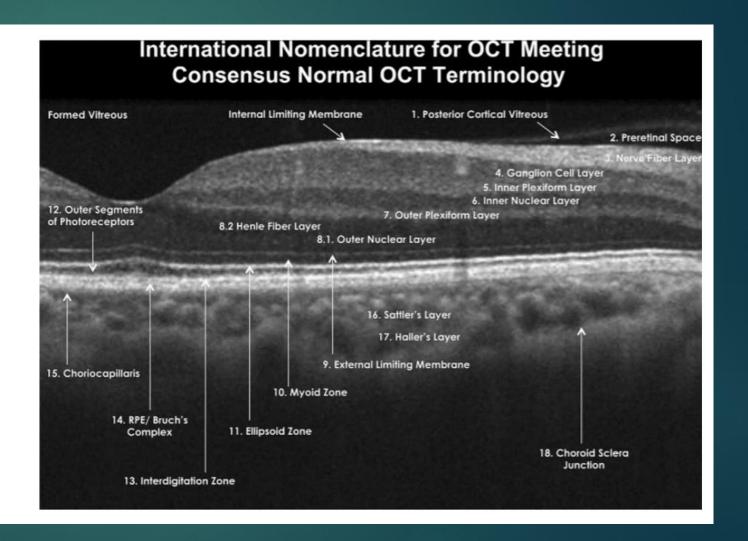


OCT retinal layers

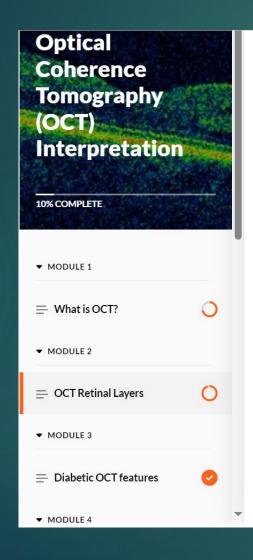


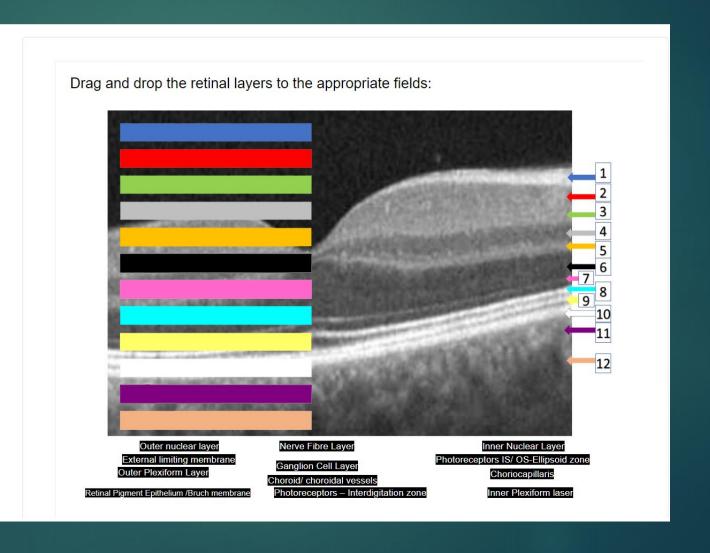
OCT retinal layers





Test your knowledge





Diabetic OCT features

Module 3 of 10

Diabetic OCT features

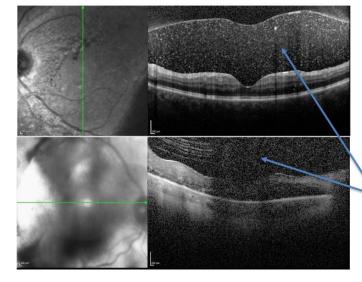
Learning objectives

By the end of this module you will be able to:

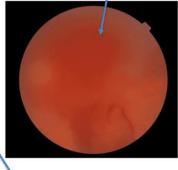
- Recognise the main changes on OCT scans that occur in diabetes on both Heidelberg and Topcon Triton OCT scans
- To understand that the different pathologies seen from the vitreous gel (vitreous haemorrhage) through to the outer retina (laser scars).
- To understand how the colour images correlate to what is being seen on t OCT images

Vitreous Haemorrhage

Heidelberg OCT scans



Blurred image due to vitreous haemorrhage obscuring the view



Moderately reflective spots in the vitreous gel. Often reduced signal from the retina underneath and reduced quality of image depending on density of haemorrhage.

Non-diabetic OCT features

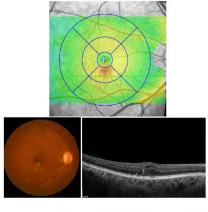
Watch this video demonstrating an OCT of vitreomacular traction(VMT) and epiretinal membrane(ERM) in the same eye. They are both caused by separation of the vitreous gel from the macula during a posterior vitreous detachment.



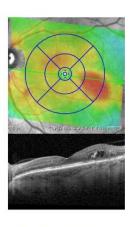
How to grade OCT's

Right eye	OCT positive	Left eye
Yes/No	Intraretinal cystoid spaces, retinal thickening or subretinal fluid associated with an abnormality of ILM contour	Yes/No
Yes/No	Parafoveal thickening >=1/2 disc area	Yes/No
Yes/No	Thickening >= 1 disc area within the macula	Yes/No

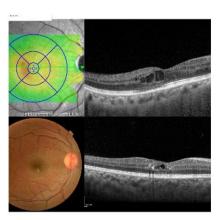
OCT positive' Maculopathy examples



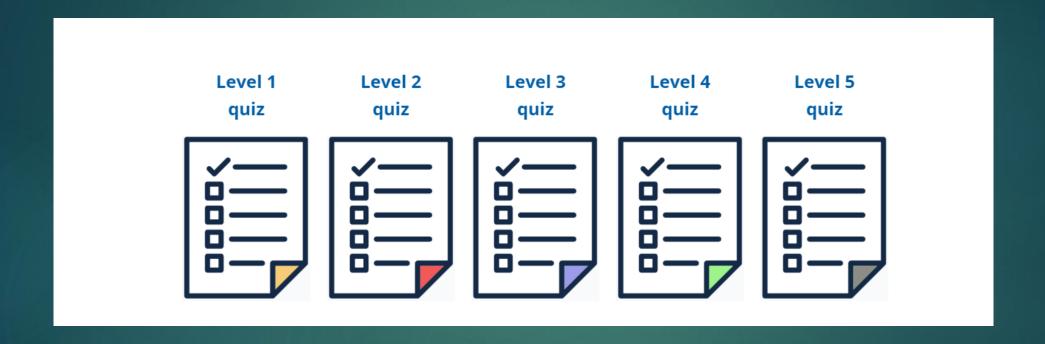
An area of parafoveal retinal thickening of greater than 1/2 disc area the edge of which is within 1



An area of perifoveal retinal thickening of greater Any cystic change or retinal thickening from than 1.0 disc area within the NHS DESP definition diabetes resulting in a change of the foveal ILM



5 test sets with certificates



OCT quizzes

OCT level 1 quiz



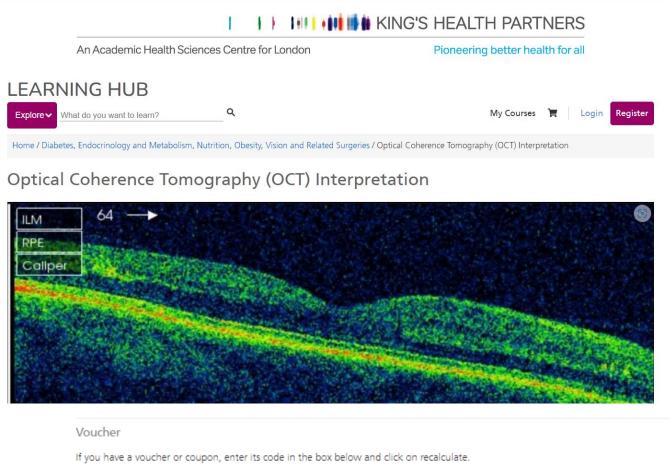
01/40

1A) Look at the video of the scan. What features can you see? (Tick the four features that apply. Select the image to enlarge it).

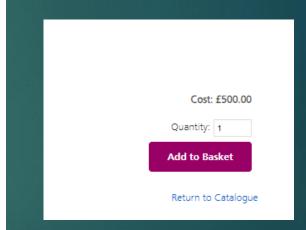


Hyper-reflective dots
Parafoveal thickening > ½ DA
Loss of foveal contour
Intraretinal cysts
neovascular/ NVE tuft
Outer retinal atrophy

OCT interpretation course



Public Learning Hub link: https://learninghub.kingshe althpartners.org/product?c atalog=khp1170c



you have a voucher or coupon, enter its code in the box below and click on recalculate.

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Discount code: oct-bars £300



To be continued.....