

GAWEL, Matthew (GLOUCESTERSHIRE HOSPITALS NHS FOUNDATION TRUST)

From: Kathia Fiaschi <Kathia.Fiaschi@newcastle.ac.uk>
Sent: 18 August 2022 15:14
To: GAWEL, Matthew (GLOUCESTERSHIRE HOSPITALS NHS FOUNDATION TRUST)
Subject: Re: teaching MSc Clinical Science availability

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Hi Matt,
Great.

I am pleased that you are still interested in delivering a lecture. I think it is best to keep to the original plan of delivering the 'Other Vascular Diseases' lecture, instead of AAA. I want to ensure that you are paid and that you get expenses too. I think we can justify this by saying that you have experience in Giant Cell Arteritis scanning-which nobody in Newcastle has...

It is also a good first lecture to give. If still interested I will ask the University to enrol you as an external lecturer.

So..... if you are still up for this it will cover these topics:

The new syllabus will focus on 5 main areas (PAD plus diabetes, AAA, VV and DVT, TIA and STROKE). For completeness students will learn about other less common, but still important, diseases. This is ideal for MSc content and will be of interest to non vascular specialists.

OTHER VASCULAR DISEASES 1h, or 1h 1/2 split into two short sessions.

CONTENT

Upper limb TOS; Popliteal entrapment.... maybe diagrams

AV malformations photos/images

Cysts: Bakers... B mode image

Giant Cell Arteritis

Dissection (c.f. aneurysms) any Bmode/Doppler images would be great. I have seen these, and I may be able to get some an example image for you.

Klippel Trenaunay Weber syndrome (a picture will do)

Organ transplant pathology assessment Kidney and Liver (transplant) why we scan them rather than how (can use Andy McNeills notes as a guide)

Renal and hepatic artery stenosis (really simple terms, but emphasize seriousness of renal artery stenosis as main supply to kidney-fewer collateral paths. (I will be teaching introduction to US, and this year, haemodynamics too, so they will understand what we mean by a stenosis)

Buerger's (photo)

Suggest:

vascular pathology -lots of images, maybe some context such as who gets these diseases/ how common/rare, any risk factors/

images/diagrams/photos/basic vascular pathology/maybe case studies

finally consider pathways if appropriate. For example GCA (you are the expert here!), or Dissection (here they often do nothing other than monitor), or Bakers cyst...

In the first instance get some images/diagrams/photos/cine loops if appropriate

If you have actual US images from your patients of GCA, and dissection all the better!

Year 1 will be unfamiliar with waveform/image interpretation, so keep it simple.

The focus is on disease rather than scanning.

NB. Year 3 will focus on protocols, waveforms etc...

They will have in depth lectures in year 3 in a couple of years time on fistulae, volume flow measurements, scanning renal arteries, mesenteric and hepatic arteries (Andy McNeill's lectures will be moved to year 3)

They will have a TOS lecture discussing different protocols again in year 3.

We will also be uploading a handful of MCQ questions, that will follow your lecture, onto Canvas (similar to Blackboard).

We **can do this now/in advance**. So if you think of any obvious questions send them to me!

New to this year I will be uploading a case study prior to the lecture, on Canvas. Hopefully they will read this, and then by the end of the lecture the case study will make sense!

For example:

A 35 year old patient complains of numbness in their Rt arm. This occurs when stacking shelves in supermarket. The patient is a non smoker, and BP is 124/80. The patient is fit and is a keen body builder. What is a condition? The US waveforms show pulsatile flow in the radial and ulnar arteries. I could probably refine this...but you get the idea.

....TOS, most commonly caused by nerve compression

Do get in touch if unclear or if you need help at any time

I am waiting for the other contributors to return from holidays, but possible dates are:

Monday 24th October probably pm depends on others; we could probably do am

Monday 31st October maybe pm depends on others

Thursday from 10:00 am 3rd November

Friday 4th November am depends on others

17th October am I will assume you can not make this date.


Are any of those dates unsuitable?

As it is a short lecture I am sure we will be able to accommodate you!

Many thanks

Enjoy your holiday
Kathia

From: GAWEL, Matthew (GLOUCESTERSHIRE HOSPITALS NHS FOUNDATION TRUST) <matthew.gawel@nhs.net>
Sent: 17 August 2022 16:40
To: Kathia Fiaschi <Kathia.Fiaschi@newcastle.ac.uk>
Subject: Re: teaching MSc Clinical Science availability

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Hi Kathia

Thank you for your email. I would be interested in delivering this. I haven't delivered a lecture on this before, but do have experience in scanning and have seen the different types of surgery etc. so I'm sure I can put something together.

The week of Monday 17th October is a tad tight staffing wise though, and it might be better the week after (Monday 24th October) if possible! If not I'm sure we can still make it work.

Did you still want a lecture on the more weird and unusual diseases? And would this be on the same date/within the same week?

As a heads up, I am away on leave at the moment but I'm keeping an eye on my emails! Also, I'll make sure to have a chat with Katie when she returns.

Best wishes
Matt

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From: Kathia Fiaschi <Kathia.Fiaschi@newcastle.ac.uk>
Sent: Wednesday, August 17, 2022 7:02:59 AM
To: GAWEL, Matthew (GLOUCESTERSHIRE HOSPITALS NHS FOUNDATION TRUST) <matthew.gawel@nhs.net>
Subject: teaching MSc Clinical Science availability

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Hi Matt,
I hope you are well,

Would you be interested in teaching our year 1 students in October?

We will be focussing on 5 main, common diseases in year 1, in the new syllabus.
Is this something you have experience of/comfortable teaching?

Lecture: Abdominal Aneurysms

Monday 09:00-11:00 17th October 2 hours (can be less, perhaps split into two short lectures)

The room is free from 9-2pm

I suggest the following though we can discuss this nearer the time...

NB this is just an introduction to AAA, the students will be new to the concept of aneurysms...

What they are and types, anatomy, vascular pathology

Management

Endovascular repair

Surgical repair

Very brief mention of screening programme, surveillance

Role of ultrasound in very simple terms...i.e. just measure diameter B mode-

Some images/loops and case studies. They like images...

Accommodation/transport/payment can be arranged through Katie, our course administrator. She is on holiday at the moment...

Let me know if interested. Other dates and time are possible; most teaching is on Monday/Thursday...

Thanks

Kathia

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