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The Sunflower Study: My experience as a Radiology Associate Principal Investigator (API)

Dr Harry Corker
Radiology ST3



The
Sunflower
Study



BRISTOL
TRIALS CENTRE

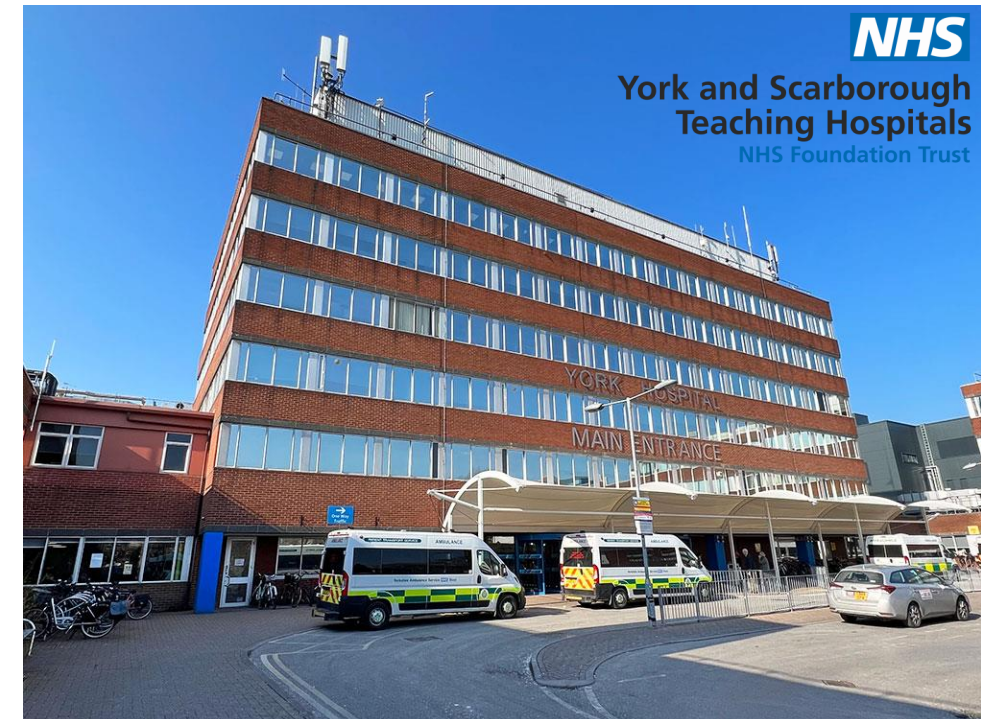
The logo for Bristol Trials Centre, featuring the word 'BRISTOL' in blue above a stylized hot air balloon with a rainbow-colored balloon and a blue basket, and the words 'TRIALS CENTRE' in blue below a blue wave-like line.

- Becoming a Radiology API and my role
- Benefits of Radiology involvement
- Radiology-specific challenges
- Potential solutions
- Getting involved

BECOMING A RADIOLOGY API

- ST2
- Sixth month in-work training opportunity
- NIHR / RCR
- Gain research knowledge
- PI mentorship
- NIHR learning pathway “Good Clinical Practice”
- Checklist → formal certification
- Delegate log
- Publication

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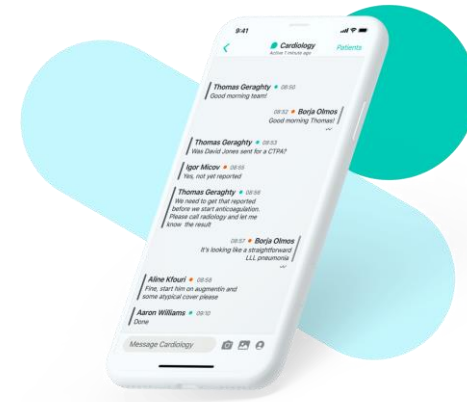


RADIOLOGY API REQUIREMENTS

- UK-based
- Post-graduation
- Six months on a registered NHS study
- Made contact with the local PI
- Not:
 - Clinical lecturer/Fellow
 - Research nurse
 - Student
 - Already a registered API on a different study

RADIOLOGY API ROLE

- Only Radiology API at site
- Point of contact
- Link between study team and Radiology department (Pando app)
- Vetting / admin liaison
- MRI radiographers – point of contact/study promotion
- Receiving training
- Patient consenting - scenario

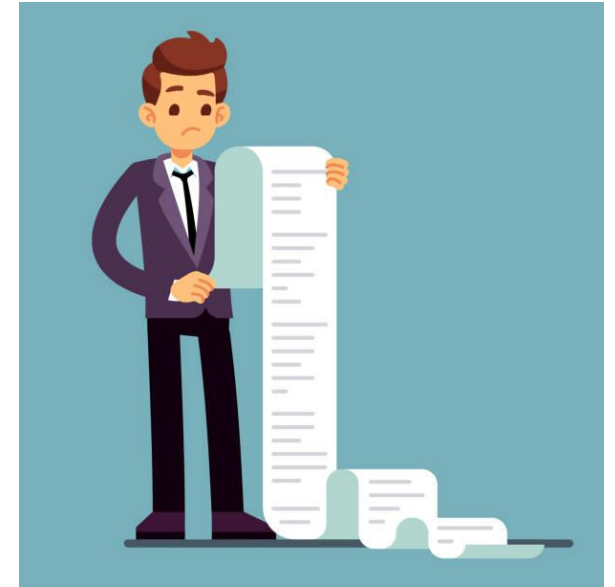


BENEFITS OF RADIOLOGY INVOLVEMENT

- **Two way**
 - Radiology expediting/vetting (e.g. acute patients)
 - Radiology identifying patients (e.g. US results)
- **Promotion/education**
 - MRI radiographers
 - Radiologists
- **Point of contact within Radiology department**
- **Improved working relationships across the hospital**

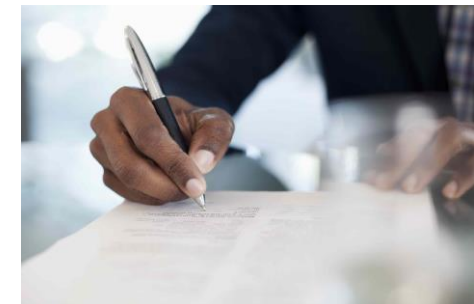
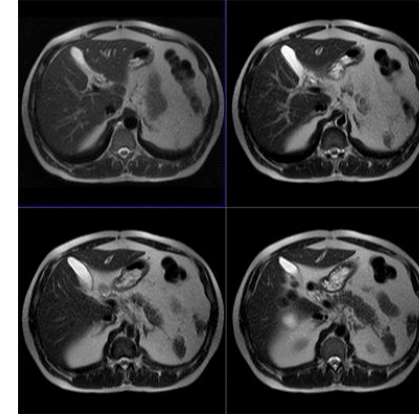
RADIOLOGY-SPECIFIC CHALLENGES

- **MRI capacity**
 - Long wait times
 - List prioritisation
 - MRI radiographer buy in
- **Maintaining contact**
 - Separate departments
- **Sole Radiology team member**
 - Potential for isolation
 - Rotational team member within the Radiology department
- **API checklist requirements**
 - Consenting (ad hoc)



POTENTIAL SOLUTIONS

- **MRI capacity**
 - Educational/Q&A sessions with MRI radiographers
 - Posters
- **Maintaining contact**
 - Pando app
 - Heads up – consenting, vetting...
- **Potential isolation**
 - Regular contact with PI (Consultant Surgeon) – knowledgeable about API scheme/checklist
 - Named Consultant Radiologist
- **API requirements**
 - Mock patient consent scenario



GETTING INVOLVED AS A RADIOLOGY API

- Local Consultant Radiologist
- Local PI
- www.nihr.ac.uk Associate Principal Investigator Scheme
 - List of Registered Studies Open to Applications
- associatepische@nihr.ac.uk

SUMMARY: MY RADIOLOGY API EXPERIENCE

- Fundamental study team member
- Point of contact
- Link between departments
- Increased appreciation of day to day research
- NIHR training and formalised certification

RADIOLOGY - INITIATIVES TO BOOST RECRUITMENT

Ms Lucy Scott
General Surgery Registrar
Yorkshire and the Humber
Sunflower Honorary Trainee
Representative

#SUNFLOWER

This patient has symptomatic gallstones and maybe suitable for the SUNFLOWER trial. Please contact Dr Lucy Scott (lucy.scott7@nhs.net) to alert the SUNFLOWER team.

Inclusion criteria: 18 years or older; fit for laparoscopic cholecystectomy; CBD diameter ≤ 8 mm on USS, bilirubin ≤ 50 umol/l, ALT and ALP less than three times upper limit of normal

Ultrasound report
alerts

Posters in radiology
department



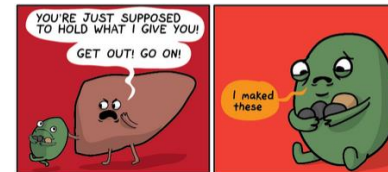
Please help
recruitment to The
Sunflower Study!

Have you performed an **ultrasound or CT** which identifies any of the following:

- Gallstones
- Cholecystitis
- Pancreatitis

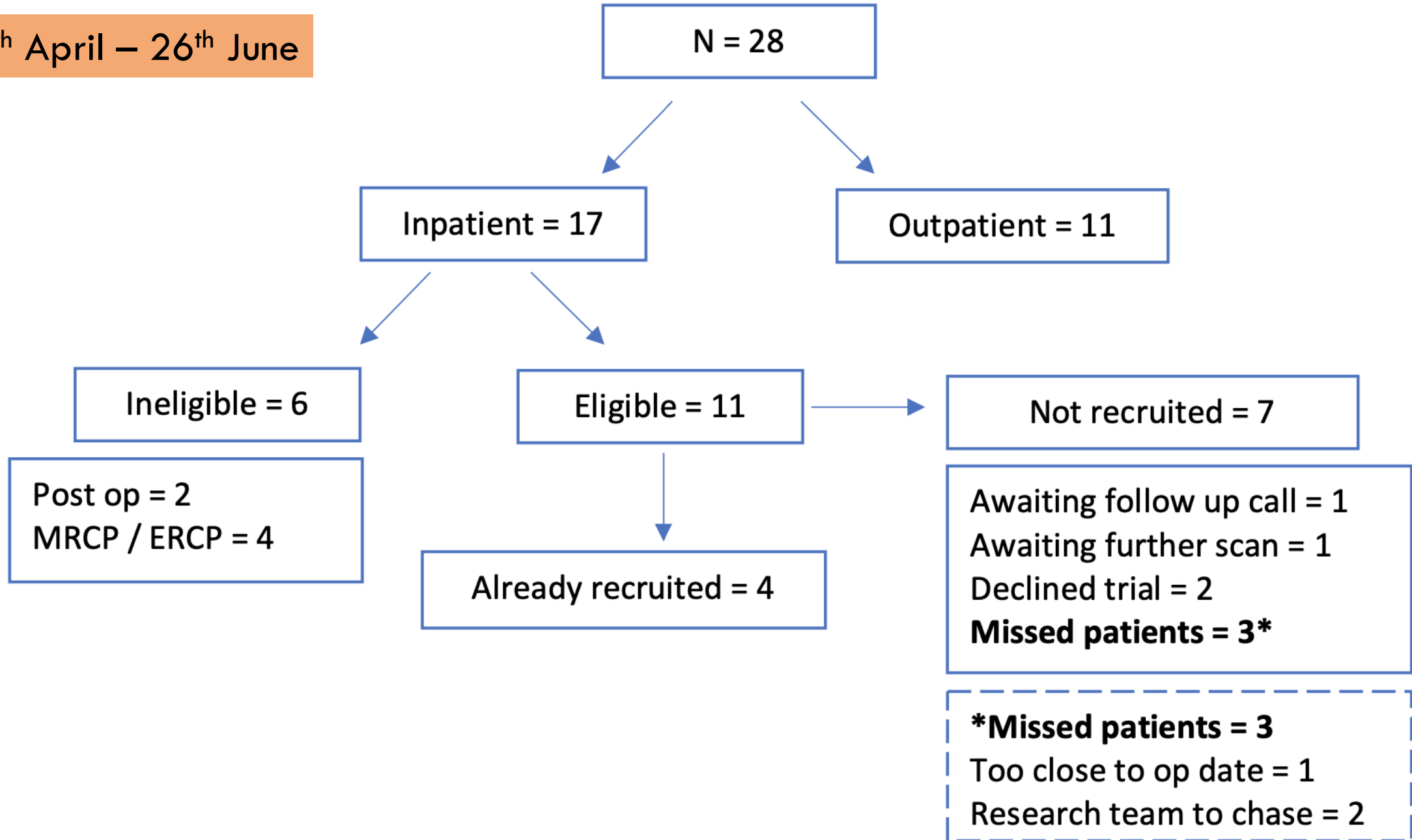
And are the patients **symptomatic**? (e.g. discomfort whilst scanning, referral details suggest upper abdominal pain)

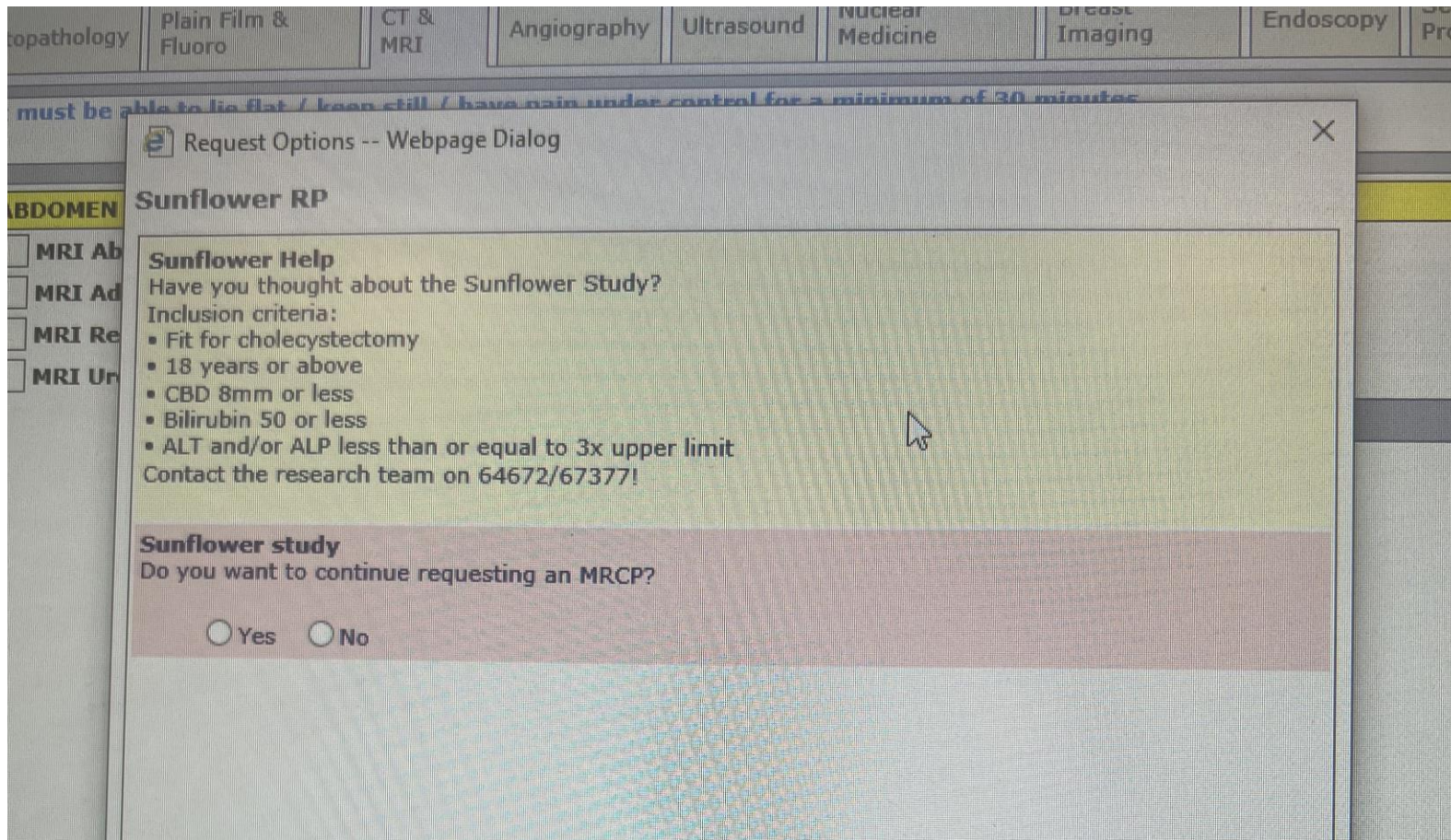
Please add the autotext #SUNFLOWER to your report to
allow us to identify these patients!
Thank you!



For more
information
please contact the
research team on
ext 64672 or
67377

20th April – 26th June





Reminder pop-ups
on MRCP
requesting



LUCY.SCOTT7@NHS.NET