



# Research / QI for new consultants

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NOTTINGHAM

# Research & QI

- ▶ Why?
- ▶ What?
- ▶ How?

# Declaration of interest

- ▶ Deputy Director Health Services Research Centre
- ▶ I will plug HSRC projects!
- ▶ I will also plug stuff from:
  - ▶ POMCTN
  - ▶ RAFT

Why?

Patient benefit

Personal  
development

Departmental  
benefit



# What?

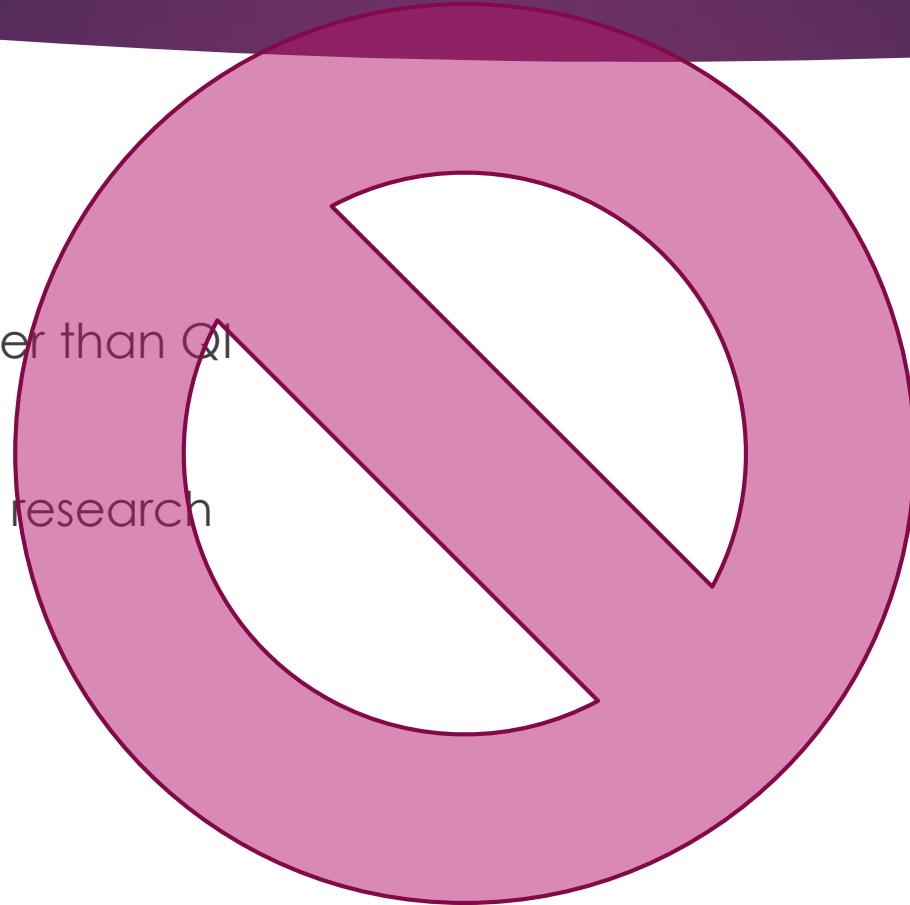
- ▶ Research
- ▶ QI
- ▶ (Audit)

# Research vs QI

- ▶ Research is better than QI
- ▶ QI is easier than research

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- ▶ Research is better than QI
- ▶ QI is easier than research



# Research vs QI

- ▶ Research and QI are complementary
- ▶ Good QI requires the same rigour as good research



# What?

- ▶ Local
- ▶ National
- ▶ International

# Local

- ▶ Idea to finished project...
  - ▶ Possible
- ▶ Join someone else's project
  - ▶ Easier
- ▶ Link with local / national priorities

# Local

- ▶ Follow-on from national projects
- ▶ 'Anaesthesia'
  - ▶ NAP 4-6...
  - ▶ SNAP 1 & 2
- ▶ National audits
  - ▶ NELA
  - ▶ ASAP
  - ▶ NHFD

# QUARC

- ▶ Quality Audit & Research Co-ordinator
  - ▶ Every trust; most hospitals
  - ▶ Supported by HSRC
  - ▶ QI AND research

# National

- ▶ HSRC
  - ▶ NAPs
  - ▶ SNAPs
  - ▶ PQIP
- ▶ RAFT projects
- ▶ POMCTN studies
  - ▶ Portfolio (R&I support)
  - ▶ PI support
  - ▶ £ to Trust (sort of)
- ▶ Other portfolio studies

# POMCTN

- ▶ MAGIC
  - ▶ Melatonin, Anxiety, GA, Children
- ▶ TOPIC-II
  - ▶ Thoracic Epidural vs Paravertebral Thoracotomy, chronic pain
- ▶ COMMAS
  - ▶ Chlorhexidine mouthwash, abdominal surgery
- ▶ FLO-ELA
  - ▶ GDFT in emergency laparotomy
- ▶ OPTIMISE II
  - ▶ GDFT in elective GI

# How?

- ▶ Personal resources
- ▶ Departmental resources

# Personal resources

- ▶ Knowledge, skills, attributes
  - ▶ All learnable / teachable / supportable
- ▶ Competing priorities
  - ▶ **Family / home**
  - ▶ **Rest**
  - ▶ Clinical work
  - ▶ Other professional activities



# Departmental resources

- ▶ Knowledge, skills, attributes
  - ▶ Within department
  - ▶ R&I
- ▶ Culture?
- ▶ External resources
  - ▶ QI network / Audit Recipe Book
  - ▶ POMCTN
  - ▶ Mentor

# Money

- ▶ SPA time
- ▶ Charitable funds
  - ▶ Local / national
- ▶ NIAA
- ▶ NIHR

# Caveats

- ▶ There are laws... these **must** be followed
  - ▶ Study conduct
  - ▶ Governance
  - ▶ Probity
  
- ▶ Bad research and QI
  - ▶ Wastes resources
  - ▶ Demotivates
  - ▶ May harm patients and / or staff

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# Useful links

- ▶ HSRC
  - ▶ <https://www.niaa-hsrc.org.uk>
- ▶ POMCTN
  - ▶ <https://pomctn.org.uk>
- ▶ NIAA
  - ▶ <https://www.niaa.org.uk>
- ▶ RAFT
  - ▶ <https://www.rafrainees.com>
- ▶ NHS R&D
  - ▶ <http://www.rdforum.nhs.uk/content/contact-details/>