

Trainee-led Surgical Research Collaboratives

Lessons learnt from the ROSSINI trial

Mr Thomas Pinkney

West Midlands Research Collaborative

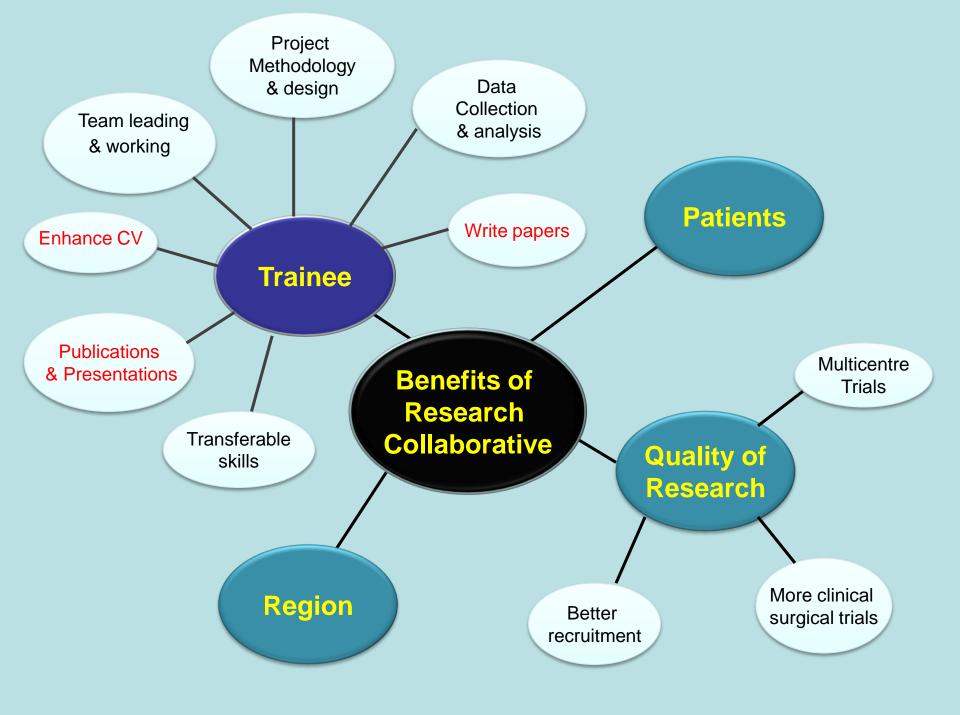
- Why we formed
- Our progress
- ROSSINI Trial
 - Why trainee-led research works
- The future for trainee-led surgical research



Forming the WMRC

- Difficult to conduct research alone
- Natural network
 - Registrars rotating
 - Potential for multicentre trials
- A multitude of benefits





WMRC - Portfolio

- Multicentre cohort studies
 - CHARMs
 - C. Diff infection in 7 UK hospitals
 - 8,000 patients
 - CANOES
 - Ethnicity outcomes in breast cancer
 - 20,000 patients
 - Gallstone pancreatitis
 - 580 patients
 - SWIFT

- Multicentre RCTs
 - ROSSINI
 - DREAMs (portfolio)
 - Dexamethasone for preventing PONV in colorectal surgery
 - ROCCs (IRAS submitted)
 - Preventing incisional hernia in stoma closure



Current Progress

- Around 70 trainees have GCP accreditation and are randomising to ROSSINI
- Many more (junior) trainees are involved in our trials
- £232,000 NIHR RfPB grant for ROSSINI
- £131,000 BDRF grant for DREAMS
- £150,000 company sponsorship for ROCCS
- Papers/Presentations
- National Meetings





ROSSINI

Reduction Of Surgical Site Infection using a Novel Intervention

A randomised controlled trial of a wound-edge protection device to reduce surgical site infection

Inclusion: All patients undergoing laparotomy

Exclusion: Laparoscopic-assisted surgery

Online randomisation with 1:1 intervention (wound-edge protection)

device) to control

Blinded wound reviews pre-discharge (5-7 days) and at 30-33 days post-op

Quality of life and resource usage data also collected

Funded by NIHR Research for Patient Benefit programme









ROSSINI - Sites

University Hospital Birmingham Russells Hall Hospital Walsall Manor Hospital

City and Sandwell Hospitals

Heartlands and Good Hope Hospitals

Warwick Hospital

University Hospital North Staffordshire

New Cross Hospital Wolverhampton

University Hospital Coventry and Warwickshire

Royal Shrewsbury Hospital

Princess Royal Hospital Telford

Hereford County Hospital

Royal Derby Hospital

Wrightington, Wigan and Leigh

Derriford Hospital, Plymouth

Hope Hospital, Salford

Royal Devon and Exeter Hospital

Medway

Maidstone + Tunbridge Wells

Torbay

St Marks, London

Leighton, Mid Cheshire

Tameside, Manchester

The Homerton, London

Stepping Hill, Stockport

Queens Medical Centre, Nottingham

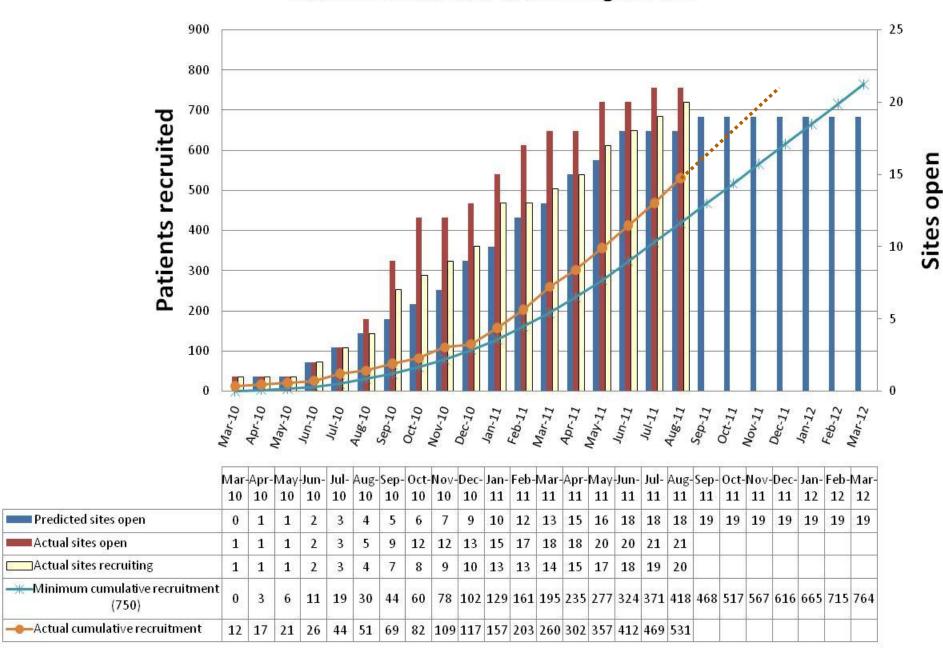
Wrexham

Glan Clwyd

Manchester Royal Infirmary



ROSSINI recruitment at 31st August 2011



The ideal ROSSINI site

- Pre-op assessment clinic
 - Discussion of study, PIS

FY1

- Morning of surgery
 - Recruitment + Consent

SpR

- Randomisation
 - Whilst pt in anaesthetic room

SpR/Consultant

- Inpatient wound review
 - Before discharge

SHO/CNS/Research Nurse

- Outpatient (30 day) wound review
 - Arranged by

FY1/research nurse/clerk

Undertaken by

FY1/SHO/SpR/research nurse



Why ROSSINI is recruiting well

- Simple
- Very broad inclusion criteria
- High levels of interest in SSI at present
- Trainee buy-in in design and running of trial
- Portfolio trial



Other factors leading to success

- Clear authorship policy
- Incentives for high recruitment
- Regular updates from trials unit
 - Weekly paperwork reminders
 - Regular newsletter



WMRC meetings

- Regular and predictable
- Educational element

- Open and inclusive
- Elected committee with regular turnover
- New studies welcomed regularly



Trainee-led surgical research – the bigger picture

- 1) Running their own high quality trials
- 2) Getting involved in other RCTs
 - Front-line position of trainees

- Awareness of other trials

eg CREST

eg FIAT
TREC
HOTII



Hurdles

- Engagement of registrars
 - Ownership
- Engagement of consultants
 - Regional training committee
- Rotation of posts
 - Oct 1st

Other research collaboratives

- London LSRG
- Bristol SPARCS
- Mersey MERGS
- Yorkshire
- Kent/Maidstone
- Trent
- National cardiothoracic research collaborative
- Yorkshire Orthopaedic Trainees group





The London Surgical Research Group in association with LAPResearchUK is proud to announce its inaugural event. Our Launch Evening promises to be inspiring, invigorating and enjoyable.

Register now at www.lsrg.co.uk/launch. Free tickets available. Limited numbers.

Come and listen to some big names in research talk about innovating and pushing the boundaries in surgery.

Ask your burning questions in the Q&A session.

See what research projects you can sign up for straight away.

Network and socialise with drinks and canapes in the reception.



www.lsrg.co.uk

National Research Collaborative Meetings

- First Meeting in December 2009
 - Professor Alderson How to write and publish paper
 - National trial symposium updates on trials
 - Dr Melanie Calvert How to set up a new trial
 - Launch of ROSSINI Trial
 - BJS New project presentations
- Second Meeting in December 2010
 - Mr Paris Tekkis Cohort studies
 - Professor John Buckels Developments in hepatobiliary surgery
 - Professor McGrouther The future of clinical surgical research,
 - Launch of DREAMS Trial
 - Future project collaborations London, Southampton
 - BJS New project presentations









The West Midlands Research Collaborative presents the 2nd

National Research Collaborative Meeting National Research Collaborative Meeting National Research Collaborative Meeting Collaborative egilile eting 2011

Programme:

- **ROSSINI Investigators Update Meeting**
- DREAMS Trial Launch
- Dec 2011
 - Prof. John Buckels Future developments in hepatobiliary surgery
- Mr. Charles Knowles The Lordon collaborative perionce

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 Description of the Competition o

Registration: Numbers are restricted; please contact j.m.bradbury@bham.ac.uk to register your interest - you will be asked for a small deposit (£20 - refundable on attendance) to secure your place.

Abstracts: For New Trials Ideas Competition (open to all UK trainees) should be no more than 250 words in length and structured thus: Introduction, Hypothesis and Methods. Please email to abstracts@wmresearch.co.uk before closing date of 5th November 2010. 4 will be chosen for presentation at the meeting, with the best new project proposal presented winning the BJS sponsored prize of £250.

Further information: Go to www.wmresearch.co.uk







Contact us

WMRC Website:

http://www.wmresearch.co.uk

E mail committee members:

+committee@wmresearch.co.uk

