



## **Emergency Laparotomy Collaborative.**

***Saving 1000 lives together. Building teams: saving lives***

**Nial Quiney  
Royal Surrey County Hospital  
Guildford**

**Scaling Up Improvement**

**Kent Surrey Sussex  
Academic Health Science  
Network**



# What are we?

- Collaboration of three AHSNs to improve outcomes from emergency laparotomy.
- Health Foundation funded
- Scaling up original Emergency Laparotomy Project Quality Improvement Collaboration project (ELPQuiC).



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Academic Health Science  
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## The core team

Clinical Lead	QI Advisor	Regional Clinical Lead	Research Fellow	QI Delivery	Programme Manager
					
Nial Quiney	Carol Peden	Anne Pullybank	Geeta Aggarwal	Tim Stevens	Fatai Ogunlayi

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## Kent Surrey Sussex

### KSS:

ASHFORD AND ST PETER'S HOSPITALS NHS FOUNDATION TRUST  
BRIGHTON AND SUSSEX UNIVERSITY HOSPITALS NHS TRUST  
DARTFORD AND GRAVESHAM NHS TRUST  
EAST KENT HOSPITALS UNIVERSITY NHS FOUNDATION TRUST  
EAST SUSSEX HEALTHCARE NHS TRUST  
MAIDSTONE AND TUNBRIDGE WELLS NHS TRUST  
MEDWAY NHS FOUNDATION TRUST  
ROYAL SURREY COUNTY HOSPITAL NHS FOUNDATION TRUST  
SURREY AND SUSSEX HEALTHCARE NHS TRUST  
WESTERN SUSSEX HOSPITALS NHS FOUNDATION TRUST

Clinical  
Lead



Nial  
Quiney

Research  
Fellow



Geeta  
Aggarwal

Programme  
Manager



Fatai  
Ogunlayi

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## Wessex

### Wessex:

DORSET COUNTY HOSPITAL NHS FOUNDATION TRUST


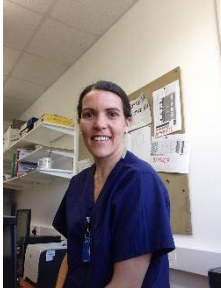

ISLE OF WIGHT NHS TRUST

POOLE HOSPITAL NHS FOUNDATION TRUST

PORTSMOUTH HOSPITALS NHS TRUST

THE ROYAL BOURNEMOUTH AND CHRISTCHURCH HOSPITALS NHS FOUNDATION TRUST

UNIVERSITY HOSPITAL SOUTHAMPTON NHS FOUNDATION TRUST

Project Manager	UHS: Anaesthetics	UHS: Surgeon	Project Manager
			
Tracy Broom	Suzie Kellet	James Kirkby-Bott	Claire Townley



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## West of England

### W of E:

GLOUCESTERSHIRE HOSPITALS NHS FOUNDATION TRUST  
GREAT WESTERN HOSPITALS NHS FOUNDATION TRUST  
NORTH BRISTOL NHS TRUST  
ROYAL UNITED HOSPITAL BATH NHS TRUST  
UNIVERSITY HOSPITALS BRISTOL NHS FOUNDATION TRUST  
WESTON AREA HEALTH NHS TRUST

Regional  
Clinical  
Lead



Anne  
Pullybank

QI  
Advisor



Carol  
Peden

Programme  
Manager



Caroline Dean



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# The evaluation team



Professor Stephen Peckham



Annette King



Ugochi Nwulu



Professor Simon Coulton



Dr David Lowery



Dr Katerina Gousia

# 'Collaboration'

*noun*

1. often foll by *on, with*, etc the act of working with another or others on a joint project
2. something created by working jointly with another or others
3. the act of cooperating as a traitor, esp with an enemy occupying one's own country



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# Who are we collaborating with?

Local trusts

With local AHSN

Across three AHSNs

With University Kent

With NELA, ONS etc.

With Health Foundation

Anyone else who is interested!



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# ELC Quality Improvement plan

## Key Milestones



**September 2015**  
**ELC LAUNCH**



**October own site work**  
Creating engagement  
Situational awareness



**November regional AHSN meetings**  
Systems thinking  
Data for Improvement



**February - May own site work**  
Improving care processes



**January 2016 Combined meeting**  
The Model for Improvement  
Engaging colleagues



**December /January own site work**  
Data collection  
Diagnosis and planning  
Continue to engage stakeholders



**May / June 2016 AHSN meetings**  
Review progress  
Learn from each other  
Adapt change efforts



**June - September own site work**  
Continue to improve care processes



**September 2016 onwards**  
Quality Collaborative meetings continue



# September launch

Date	Time	Venue
29 September 2015	09:30 – 16:30	Crowne Plaza Reading Caversham Bridge, Richfield Avenue Reading, RG1 8BD

## Agenda for 29th September meeting

Time	Item
09:30 – 10:00	<p>Registration and refreshments</p> <p>Welcome and introductions Nial Quiney ELC Clinical Lead &amp; Consultant Anaesthetist RSCH,</p>
10:00 – 10:05	<ul style="list-style-type: none"> <li>Welcome</li> <li>Mortality range etc</li> </ul>
10:05 – 10:20	<p><b>Dr William Harrop-Griffiths</b> Royal College of Anaesthetists Ex chair NELA Board Past President AAGBI</p>
10:20 – 10:40	<p><b>Emergency Laparotomy: ELPQUIC to ELC</b> Nial Quiney ELC Clinical Lead &amp; Consultant Anaesthetist RSCH,</p> <ul style="list-style-type: none"> <li>Background to ELPQUIC</li> <li>Overview of Emergency Laparotomy Collaborative (ELC)</li> </ul>
10:40 – 11:10	<p><b>Other Projects: EPOCH &amp; NELA</b> Carol Peden ELC Clinical Lead &amp; Consultant Anaesthetist RSCH,</p> <ul style="list-style-type: none"> <li>Overview of EPOCH &amp; NELA</li> <li>Key findings from NELA? (National)</li> <li>How the projects compliment each other?</li> </ul>
11:10 – 11:40	Refreshment break
11:40 – 11:55	<p><b>Mr John Abercrombie</b> Surgical Perspective</p> <ul style="list-style-type: none"> <li>RCS Council</li> <li>Clinical Reference Group NELA</li> </ul>



11:55 – 12:40	<p><b>Emergency Laparotomy Collaborative ELC Bundle Process</b> Vision – overview</p> <p>Nial Quiney</p>
12:40 – 13:00	<p><b>Q and A Session on ELC</b> Who is chairing – panel of Carol, Nial &amp; Anne</p>
13:00 – 14:00	Lunch
14:00 – 14:40	<p><b>Goal Directed Fluid Technology</b> Maurizio Cecconi Includes 10 mins Q+A</p>
14:40 – 15:00	<p><b>Experience of implementing ELPQUIC</b> Bruce McCormick</p> <ul style="list-style-type: none"> <li>How it was done</li> <li>Tips on setting up a team</li> </ul>
15:00 – 16:00	<p>Refreshment break followed by:</p> <p><b>Breakout Sessions –</b></p> <ol style="list-style-type: none"> <li>Introduction to NELA and how to extract data</li> <li>The human side to QI and behaviour change</li> <li>Websites and resources</li> </ol>
16:00 – 16:30	Summary, Next steps and close

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# Other resources

- Website. [www.emergencylaparotomy.org.uk](http://www.emergencylaparotomy.org.uk)
  - Videos
  - Macro for NELA data
  - Papers
  - Slides and video presentations
- Social media. @ELCSavingLives
- Webinars
- We want you to be able to use your own NELA (and other) data and QI methodology to change your systems



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# Learning needs

## LEARNING NEEDS ANALYSIS

Please answer the following questions to help us understand your previous QI experience and knowledge level.

Which AHSN are you from?

Kent Surry Sussex  West of England  Wessex  South West

How best do you describe your job title?

Doctor (Cons. Grade)  Doctor in training  Nurse  AHP  Executive

Project project/patient Safety manager

	YES	NO
I have previously had formal QI skills / methods training	<input type="checkbox"/>	<input type="checkbox"/>
I have previously delivered quality improvement projects using The Model for Improvement	<input type="checkbox"/>	<input type="checkbox"/>
I have previously delivered quality improvement projects using other QI methods e.g. LEAN	<input type="checkbox"/>	<input type="checkbox"/>
I have experience of being involved in a quality improvement/patient safety collaborative	<input type="checkbox"/>	<input type="checkbox"/>
I have had experience with delivering QI in:		
ELPQuIC <input type="checkbox"/> EPOCH <input type="checkbox"/> other QI / safety project <input type="checkbox"/> (please state which).....		

In the next section please assess yourself against the statements in the left hand column and state your agreement with each:

Currently:	Strongly agree 5	Agree 4	Unsure 3	Disagree 2	Strongly disagree 1
I have a clear understanding of the evidence base around emergency laparotomy care					
I am able to plan clear improvement goals and select appropriate measures to track progress					
I am able to run a process mapping session					
I am able to create driver diagrams					
I am able to use the Plan-Do-Study-Act approach to plan and test system changes					
I am able to interpret time-series data (as 'run charts') to drive improvement					

Finally, what expectations do you have for the ELC?

Thank you for filling in this questionnaire. We will use this information to tailor the content of future workshops.



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# How to save lives in emergency laparotomy

Emergency Laparotomy Collaborative



**Screen patient**  
NEWS/SIRS/arterial lactate



**Is the patient septic?**  
Antibiotics within one hour



**Theatre**  
within 6 hours of decision to operate



**ICU**  
for all patients



Cardiac output monitored  
**goal-directed fluid therapy**



**Consultant surgeon and anaesthetist**  
in theatre



[www.emergencylaparotomy.org.uk](http://www.emergencylaparotomy.org.uk)  
TSC: [tsc@emergencylaparotomy@nhs.net](mailto:tsc@emergencylaparotomy@nhs.net)  
[@emlapcollaborative](https://twitter.com/emlapcollaborative)



Thank you

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