

Generic Quality Audit Registration Form Template for the RESPOND Quality Audit

Please tailor based on your Trust's requirements

Project Supervisor: *[Name of the Emergency Surgery Consultant]*

Title: Speed and Quality of Response to Patient Deterioration

Description: This audit aims to understand the speed and quality of response to patient deterioration on our ward. The focus of the study is emergency general surgery, including not only emergency laparotomy but also patients who have undergone other emergency abdominal operations or therapeutic procedures, including laparoscopic, endoscopic and interventional radiology procedures.

We will be including patients who undergo a surgical or invasive procedure and subsequently develop complications. Patients are eligible if one or more of the following criteria are met:

- NEWS² Score of 7 or more
- Referred for unscheduled emergency imaging*
- Transferred for unscheduled emergency surgery, therapeutic endoscopy, or invasive image-guided therapeutic procedures
- Unscheduled ICU admission
- For whom the ICU Outreach Team attended as an emergency

*: Does NOT include requests for urgent CT or other imaging done as part of initial admission. ONLY those ordered as a result of further deterioration on the ward.

** : Applicable only if site has an ICU Outreach Team. Does NOT include visit to advice on management. ONLY visits during which immediate ICU admission is considered.

Patients with an active “Do not resuscitate” or “Do not actively intervene” order are NOT eligible for this study.

We will identify deterioration start and end dates and times based on the following criteria:

Start	End
Documentation of a NEWS ² score of 7 or more	When the score drops down to 5 or less, or any of the below occur
Documentation of request for emergency imaging (decided either outside of normal rounds or specifically mentioned in the notes as being needed to be done in an urgent manner)	Either when a verified report suggests no gross abnormality or when a clear plan for decisive action is recorded to address the Finding (s) stated in the imaging report. This action plan may be for continued ward-based care. In this case the deterioration will be considered over once NEWS ² reduces to 5 or less.
Documentation of the request need for emergency procedure (e.g., emergency surgery,	Initiation of the stated procedure

therapeutic endoscopy, or invasive image-guided therapeutic procedures)	
Documentation of emergency call to other specialty for urgent management of non-surgical problem	Specialist team attending
Documentation of request for ICU admission after being on the ward after surgery	The ICU admission
Cardiac arrest and peri arrest	Decisive action taken after the arrest

To identify any patients that have deteriorated, consultants and junior doctors will scan all emergency surgery patients on a weekly basis. For each patient who meets criteria, we will collect the following data:

- Trust name
- Patient MRN
- Patient date of birth
- Patient sex
- Date of admission to Trust as inpatient
- Date and time of deterioration event start
- Date and time of deterioration event end
- Outcome of deterioration event
 - Continued treatment on surgical ward
 - Transfer to ITU
 - Transfer to other speciality
 - Further surgical procedure
 - Other invasive treatment
 - Died on ward
- End date of admission*
- Outcome of admission*
 - Discharge home
 - Discharge to other care facility
 - Died in hospital

*May be omitted if patient still in hospital when record made

Data collected via this quality will be stored in a secure file via RedCap.