

## A QI project designed to aid doctors on-call

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### The Problem

- Junior doctors are more than often the first doctor to be called to see a sick patient either on a normal ward day or when they on –call.
- Hospitals in the UK have set guidelines to follow to ensure standardised management across the trust
- Accessing these guidelines has proven difficult and time consuming whilst on a busy shift
- How can we make this easier for doctors

### The Idea

- What can we do to make sure junior doctors will find the guidelines and save time whilst on a busy shift?
- We all carry our smartphones with us at work
- How about placing the guidelines into a smartphone app that everyone can download and access?
- What guidelines should we use?

### The Solution

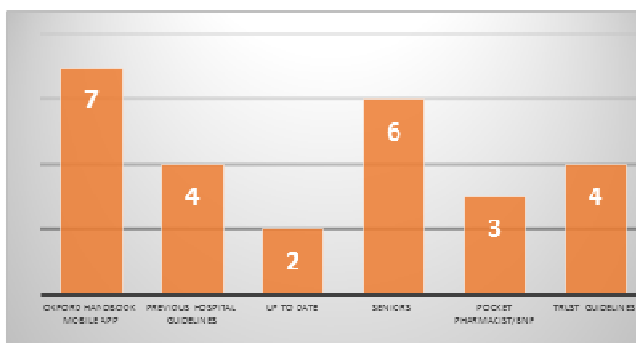
- Convert the 2013 junior doctor handbook into a hospital app with as many updates as possible
- Update bleeps and hospital numbers for the app
- Have a section for which parameters are needed for particular blood screens
- *We hope to complete and launch the app by the end of July*

### Quality Improvement Data

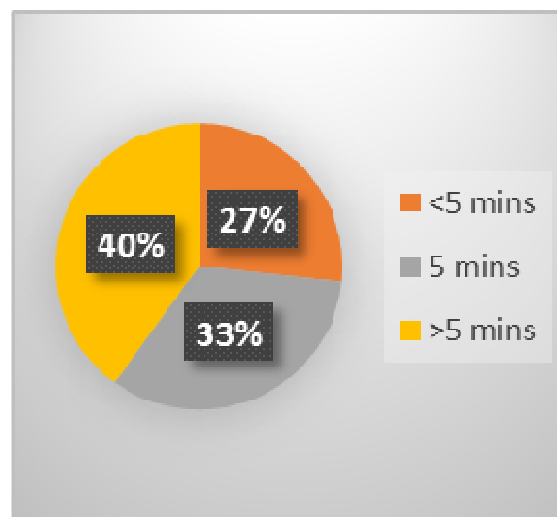
A questionnaire was distributed amongst foundation year one doctors asking the following questions:

- ◆ When on-call what type of emergencies do you often encounter?
- ◆ What do you use to guide management if you are unsure?
- ◆ How long does it take to access any sort of guidelines?
- ◆ How often do you use up to date? And do you find it useful?
- ◆ Would you find it useful to have a set of hospital guidelines for problems encountered on call in a phone app?

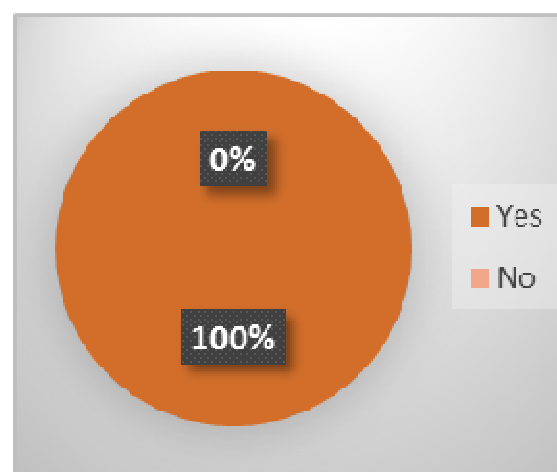
What do you use to guide management if you are unsure?



How long does it take to access any sort of guidelines?



Would you find it useful to have a set of hospital guidelines for problems encountered on-call in a phone app?



All doctors answered the other questions with acute problems encountered, such as sepsis or acute breathlessness, and that they would like guidelines for such acute problems seen on-call

We discovered that these were already made in the form of the junior doctor handbook. This was put together in 2013 and was uploaded onto Trustnet to be viewed for guidance.

We asked consultants to update the guidance to the current guidance, and we updated part of it with the bedside clinical guidelines for 2015. With the help of the PMO team at ASPH, we converted the guidance for medical and surgical problems into a smartphone app

THE FINAL PRODUCT

