

# Measurement and Quality Improvement

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**Lisa Fox**

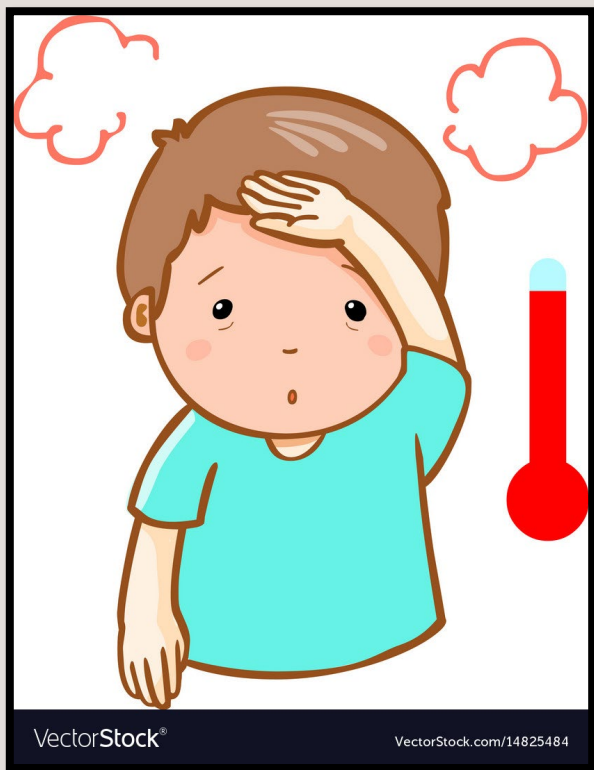
Associate Director for Information Services  
The Rotherham Foundation Trust  
(& Data Advisor for World Academy of Medical  
Leadership)



@lisafox202



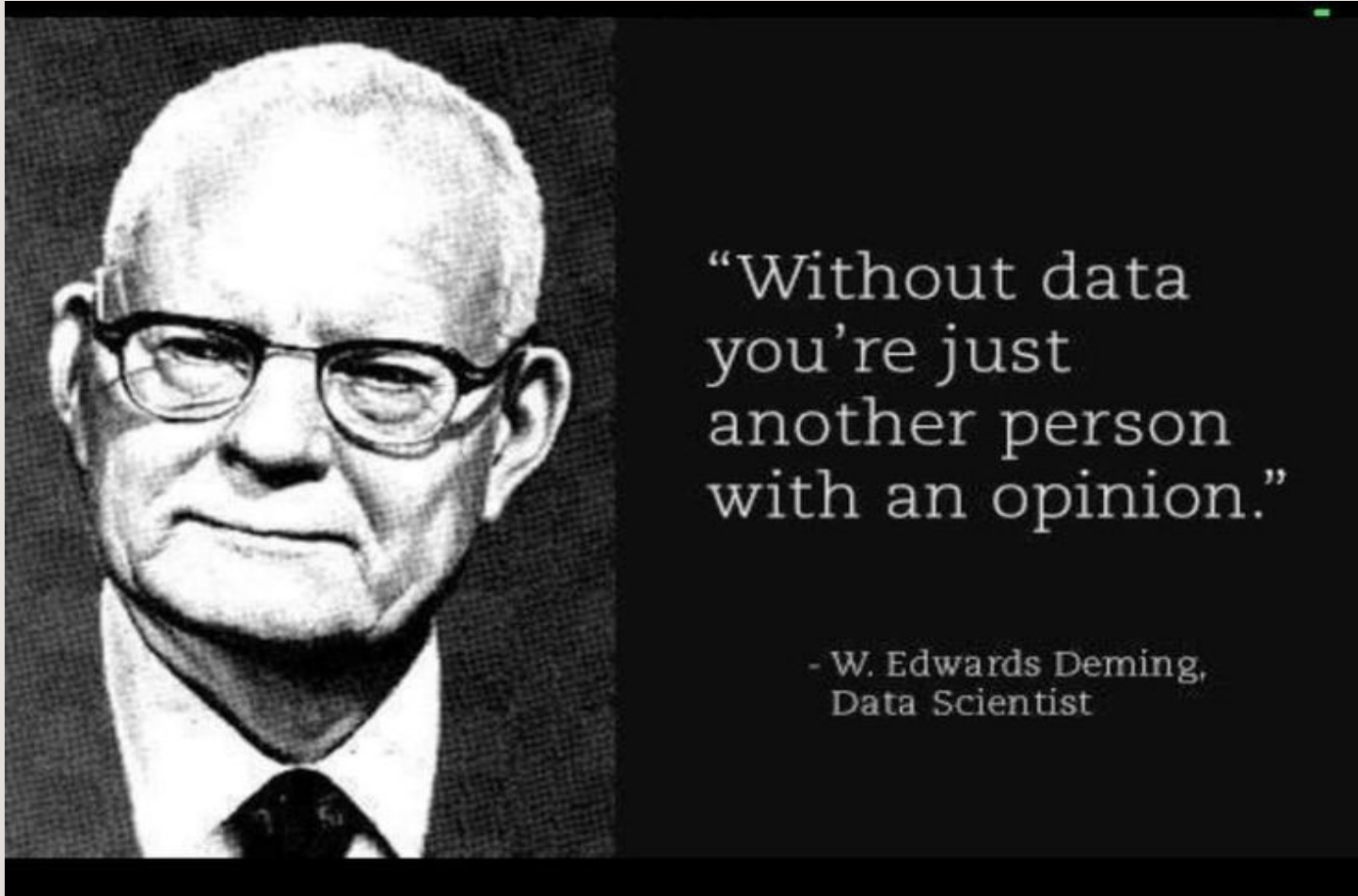
# Why Do YOU Measure?





# MRSA Crisis in the UK

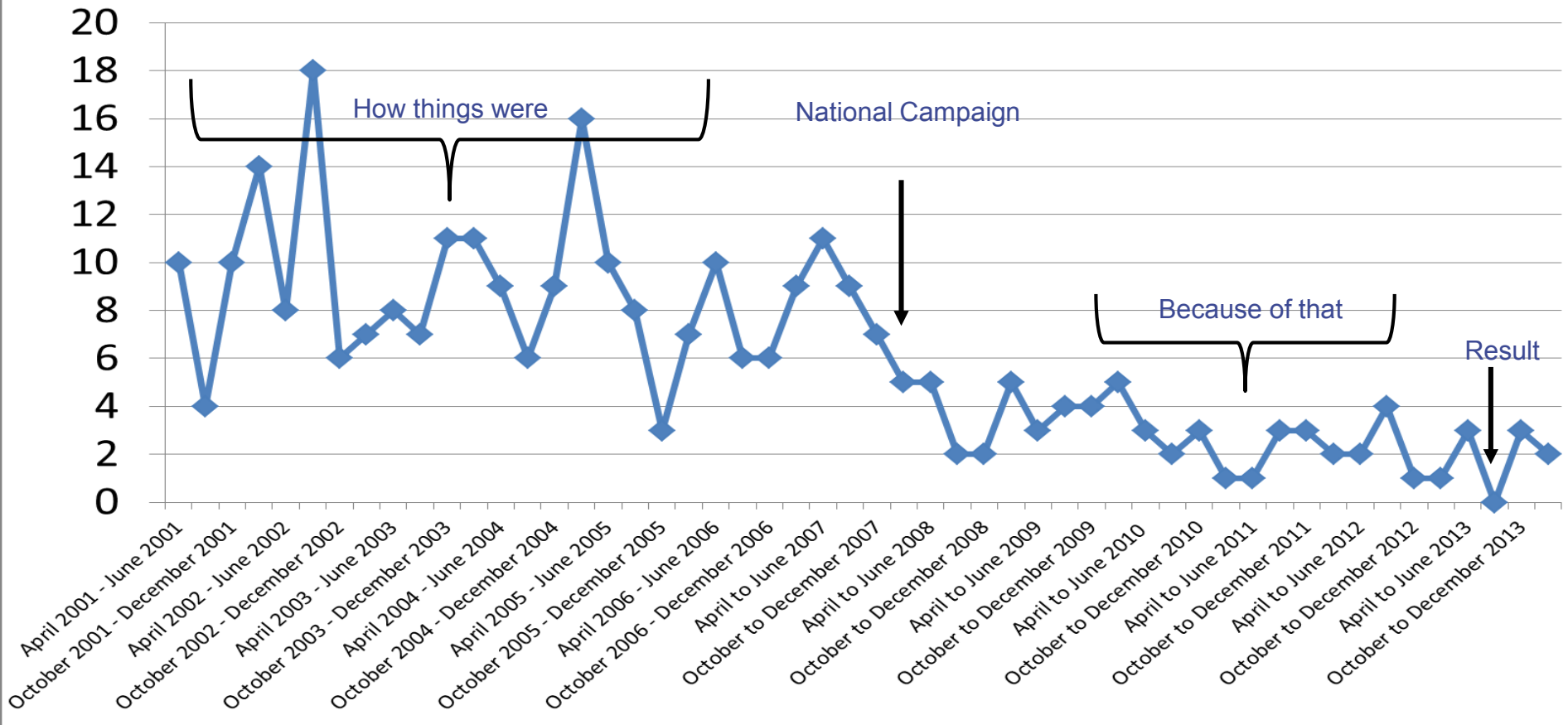






# The Data

### Quarterly counts of Meticillin Resistant Staphylococcus aureus (MRSA) bacteraemia - CHFT





# Measures that Matter

**Outcome Measure:** Number of MRSA Infections

**Process Measure:** % of staff washing hands

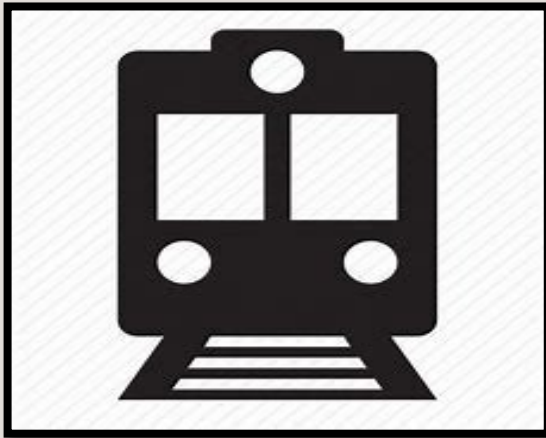
**Outcome Measure:** Number of CV19 (nosocomial) hospital acquired Infections

**Process Measure:** % of staff wearing appropriate PPE

**You will not see an improvement in your outcome without an improvement to your processes**



# Emergency Department





# Applying the Brakes: Care Bundles

A bundle is a structured way of improving the **processes** of care and by association patient **outcomes**.

Bundles and guidelines enable to staff to access evidence based guidance in support of their decision making

<http://www.ihi.org/topics/Bundles/Pages/default.aspx>





# THE SEPSIS SIX

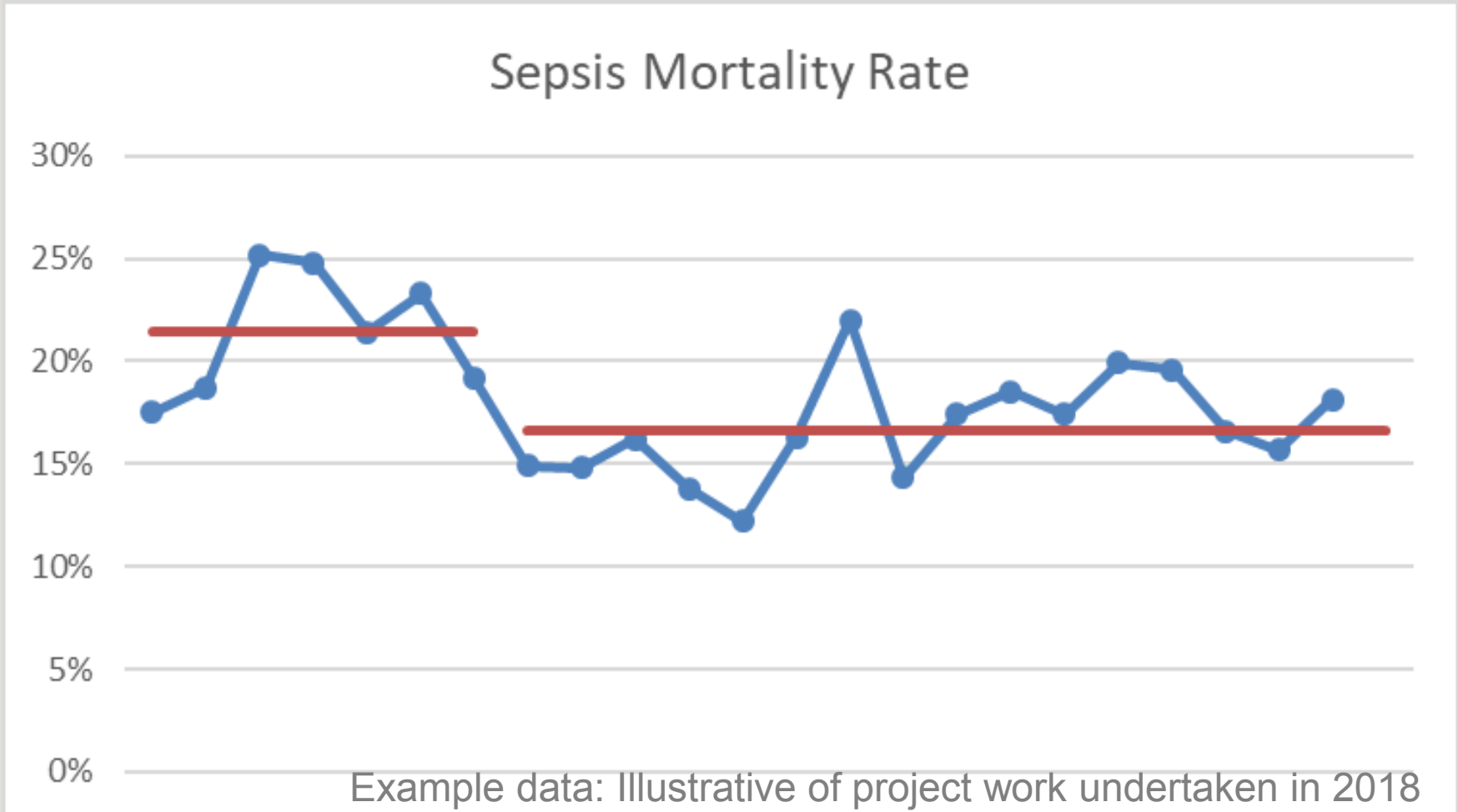
1. Give O2 to keep SATS above 94%
2. Take blood cultures
3. Give IV antibiotics
4. Give a fluid challenge
5. Measure lactate
6. Measure urine output



**JUST ASK**  
**“COULD IT BE SEPSIS?”**  
IT'S A SIMPLE QUESTION, BUT IT COULD SAVE A LIFE.



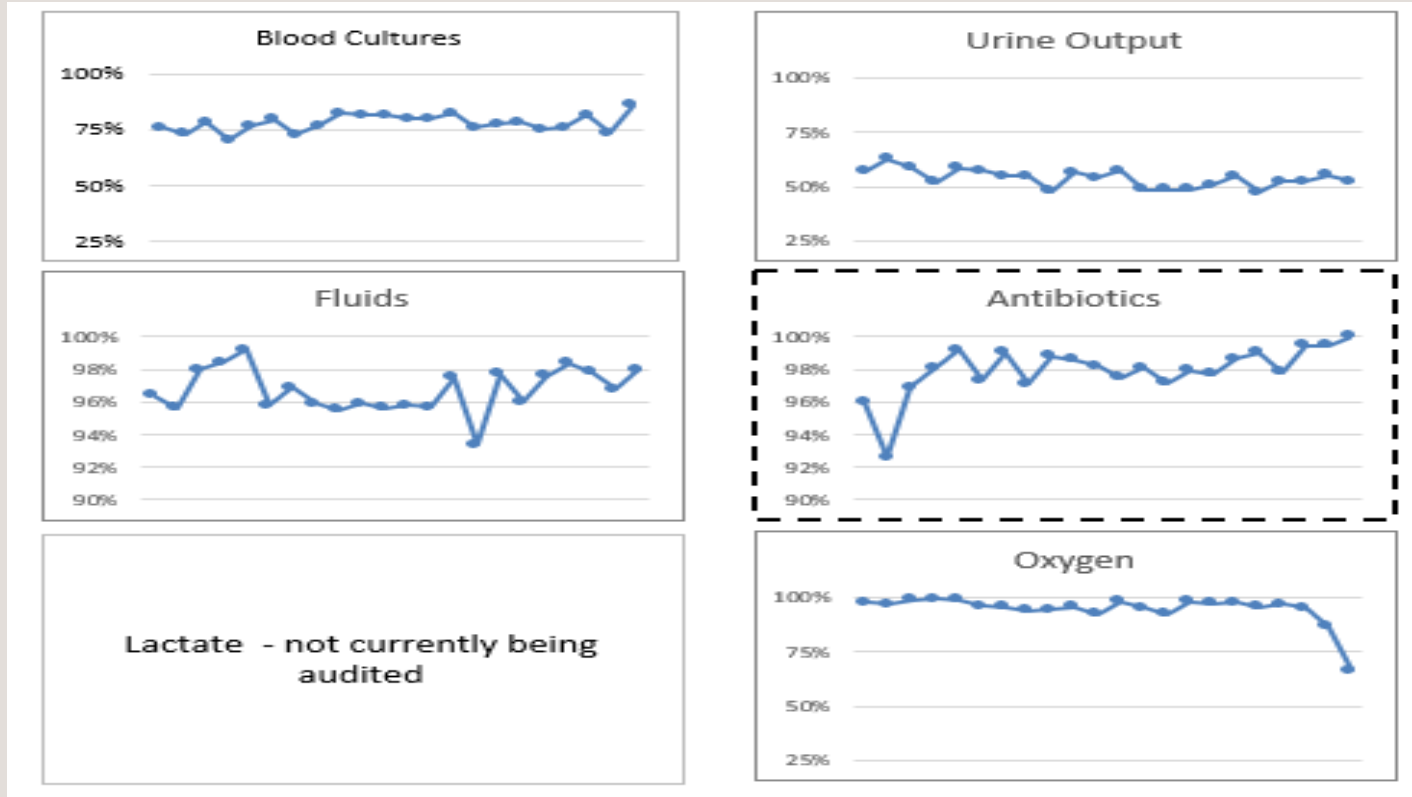
# Outcome Measure: Sepsis Mortality





# Process Measures: Sepsis 6

Example data: Illustrative of project work undertaken in 2018



Visible measurement allows teams to engage with the processes and confidently move forward with their patient safety improvement work.



Thankyou  
Any Questions?