Solving Sepsis with iPads?

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Overview

• What were the drivers?
• What was available
• What have we produced
• How do you roll this out
• Pitfalls
What were the drivers

• Introduction of NEWS
• Local Audit
  – Maths
  – Escalation
• Dr Foster Global Comparators
• NHS England
What was available

• Cost
• Extra features we wouldn’t use
What have we produced

- www.thinkxserve.com/ThinkVitalsDemo
Sepsis Bundle

SIRS criteria Triggers
- SBP < 90mmHg or >40mmHg drop
- MAP < 65mmHg
- Pulse > 131
- RR > 25 bpm
- Reduction in alertness
- Cr > 176.8
- INR > 1.5
- aPTT > 60
- Plt < 100
- Bili > 34.2
- UO < 0.5ml/kg for 2 cons hrs
- New need for O2

Severe Sepsis Criteria Electronically assessed

Sepsis 6 performed by Senior Nurse
- 100% oxygen
- Iv fluid bolus
- Blood cultures
- IV Antibiotics
- Lactate
- Monitor urine output

Urgent Medical Review
How do you roll this out

• What device?
How do you roll this out

• What device?
• Device for all
  vs
  device for bays
  vs
  device for bed space
How do you roll this out

- What device?
- Device for all vs device for bays vs device for beds?
- Nurse Champion
How do you roll this out

- What device?
- Device for all vs device for bays vs device for beds?
- Nurse Champion
- Show the use and benefits
Questions ?