**Aim Statement:**
Within 12 months 90% of patients commenced on the Sepsis Pathway will have their antibiotics reviewed within 48 hours and subsequent management plan documented.

**Background to problem worth solving**
Anecdotally Local Health Districts and Speciality Health Networks (LHD/SHNs) stated that patients who commence on the Sepsis Pathway are not being reviewed after initial sepsis management. This is evidenced by the number of Rapid Response calls to deteriorating sepsis patients on the ward post initial management.

**Primary Drivers**
- Increase awareness of AMS
- Patients of Sepsis Pathway reviewed within 48 hours
- Compliance with the AMS policy
- Standardised process for antibiotic review
- Improved culture of AMS
- Empowerment of junior staff at antibiotic prescribing
- Increase the reliance of the documentation plan

**Secondary Drivers**
- Antibiotic regimen is reviewed within 48 hours
- Process Measure:
  - How many: 50% of patients on the sepsis pathway will have their antibiotics reviewed within 48 hours
  - By when: 2 months

**Solutions**
- Reduce and medical support
- Provide the importance of AMS in situating
- Antibiotics within the AMS
- Promote awareness week in November
- Develop schedule to reviewing antibiotics
- Integrate review into the Safe hands checklist
- Communicate patient on a sepsis pathway to healthcare team
- Enable medical staff to resolve health record of sepsis, date of antibiotic review and follow-up of any investigations

**Driver Diagram Template**

**PDSA – Ramp 1**
Aim: Identify if there is a problem and that sepsis patients have their antibiotics reviewed and documented within 48 hours

**PDSA – Ramp 2**
Aim: Increase reliability of the review process (within 48 hours) of patients on the Sepsis Pathway

**PDSA – Ramp 3**
Aim: Increase reliability in the antibiotic review process

**Implementation**
The SEPSIS KILLS inpatient program was implemented into St Vincent’s Hospital in November 2016 to coincide with Antimicrobial Awareness week.

**Next steps**
- Analyse
- Where of hospital
- Electronic alert
- Spread and sustainability