# Surgical Site Infection A cut above the rest! ANGELA MG ARDLE, SURVEILLANCE NURSE, ST JAMES NOSPITAL SAFER PATIENT GARE COURSE ROSI 04 SEPT 2019

## Objectives

- Discuss why we do surveillance.
- How we started out one speciality and get that right.
- How surveillance made a difference.

### What is Surveillance



Surveillance is defined as "the ongoing, systematic collection, analysis, interpretation and evaluation of health data closely integrated with the timely dissemination of these data to those who need it".

• Global Guidelines for the Prevention of Surgical Site Infection ( 2016)

### Surgical Site Infection

It is an infection that occurs within 30 days of surgery and can be described as:

A superficial incisional infection

A deep incisional infection

Organ/space

ECDC - European Centre for Disease Contro

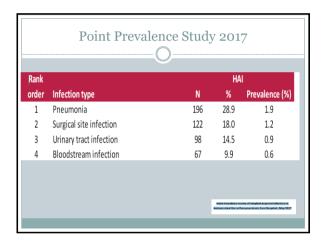
### The Value of Surveillance

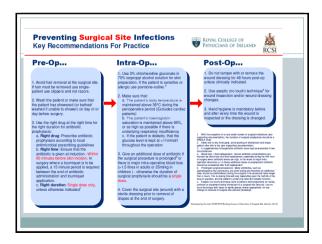


- National and International Guidelines. Establishes best practice and a culture of safety.
- Better outcome for the patient.
- Reduces the mortality and morbidity risks for patients.
- Supports the national AMR plan 2017-2020 Optimise the use of antibiotics in human health.
- Cost implications.

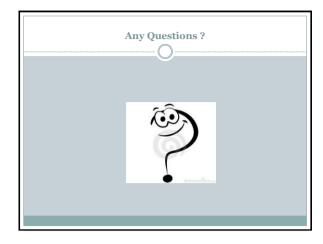








# Changes in practice - what difference it made Skin Prep: Shaving –Clipping Bethadine- Chloraprep Change in products – Wipes Mupiricon/Chlorhexidine shower Nurse Led Wound Clinic/Pre assessment clinic Close relationship with theatres Electronic antibiotic prescribing Communicating to all staff/education – HCAs Audit on correct usage of products 2018 Hygiene audits Surgical Site Committee **Audit Results** • Learn from it! · Disseminate results to wards, theatres and teams • Present to Micro team and IPCN • Liase with CNMs- Pictures/Checklists/Clipping/ Theatre audit · Quality improvement initiatives • Repeat National Plan • An objective of the AMR HCAI National Response team. • Work in progress on gathering information on what surveillance is happening presently. • SSI Care bundle 2012 developed by the RCPI/RCSI



### References

- https://www.who.int/infection-prevention/publications/ssiguidelines/en/
- https://www.nice.org.uk/guidance/ng125
- <a href="https://www.hpsc.ie/a-z/microbiologyantimicrobialresistance/infectioncontrolandhai/surveillance/hospitalpointprevalencesurveys/2017/">https://www.hpsc.ie/a-z/microbiologyantimicrobialresistance/infectioncontrolandhai/surveillance/hospitalpointprevalencesurveys/2017/</a>
- <a href="https://ecdc.europa.eu/en/surveillance-and-disease-data">https://ecdc.europa.eu/en/surveillance-and-disease-data</a>