Validation of surgical site infections after coronary artery bypass graft surgery in Oregon, 2009–2010

Keywords: Validation, Surgical Site Infection, Surveillance, Coronary Artery Bypass Graft

Objectives
- Assess the validity of CABG SSIs data reported by Oregon hospitals.
- Identify strategies for optimal validation.

Methods
Population
- All Oregon hospitals reporting to NHSN were included.

Sample
- We reviewed all NHSN reported CABG SSIs from procedures performed in Oregon hospitals.

Results
- We identified a total of 140 SSIs (true positives).
- Adjudication of 65 discordant cases identified 12 unreported CABG SSIs (false negatives).

Conclusions
- Targeted selection of nonreported CABG SSIs improves the quality of validation and reduces the need for complex adjudication.

References