



Background

• Morbidity and even mortality may result from direct injury, repeated surgery, or a prolonged hospital stay in addition to excess cost and loss of hospital credibility.

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- To prevent RSI, patient safety measures include
 - effective OR communication,
 - mandatory counts of all surgical instruments and sponges,
 - methodical wound examination
 - XR of the surgical field before closing the wound.
- Miscounts occur in up to 12.5% of all surgeries, often requiring XR of the surgical field.
- Because up to 88% of RSI occur with "correct surgical counts", many hospitals mandate XR at the end of the complex surgeries.
- Possible Limitations
 - Lack of formal training for RSI detection
 - Duration for complete image acquisition and analysis
 - Lapses in comminication





















