

SSI in veterinary medicine

SSIs (Surgical Site Infections), also known as post-operative wound infections, are a type of nosocomial (hospital-associated) infection.

Rates



- Approximately 0.2% – 8% of small animals (1–6) and 7.5% – 25% of horses (7–9, 13)

Consequences and costs



- Treatment costs increase by up to 50% – 74.4% (10, 11)
- Increased treatment numbers and durations (10, 11)
- Longer inpatient stays (10, 11)
- Increased use of antibiotics (11)

Factors



- Quantity and concentration of microorganisms
- Microorganism virulence
- Local wound conditions
- Immune status (ASA)
- Durations of anesthesia and surgery
- Surgery types and methods
 - Clean
 - Clean–Contaminated
 - Contaminated
 - Infected
- Temperature
- Perfusion, oxygen saturation, and glucose levels

Approaches & Solutions



- Not all SSIs are preventable, but they can be minimized through strict asepsis and targeted prevention measures (12)

It's in Your Hands



Our many years of process consulting and product development experience help us offer solutions and support tailored specifically to veterinary medical needs. Extensive information on infection prevention in veterinary medicine is available at:

www.bbraun-vetcare.com/inyourhands



Sources

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