

# Knowledge and Practices of Nurses Concerning Surgical Site Infections: A Cross-Sectional Survey



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## Biography

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## Abstract

**Background:** Surgical site infections account for 20% to 25% of all healthcare-associated infections. Nurses has a crucial role in preventing infections. Knowledge of evidence-based guidelines regarding the infection prevention is necessary for quality care.

**Aim:** To establish the level of nurses' knowledge and practice and to examine the relationship between knowledge and practice regarding the prevention of surgical site infections.

**Method:** A descriptive cross-sectional study was conducted in a public hospital in Swat Pakistan. Data was collected from a convenient sample of 98 nurses using a validated questionnaire.

**Result:** Nurses had low levels of knowledge ( $M = 70\%$ ,  $SD = 8.53\%$ ) and high levels of practice ( $M = 89.95\%$ ,  $SD = 4.06\%$ ). There was a weak, negative correlation between knowledge and practice regarding prevention of SSI ( $r = -.16$ ,  $p = .04$ ). Therefore, nurses' knowledge and practice in some areas of infection prevention needs improvement.

**Keywords:** Knowledge, practice, nurse, surgical site infection; nursing

## Publications

Lived Experiences of Male Nurse Educators: An Interpretive Phenomenological Inquiry



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