

An Observational Study of the Surgical Site Wound Infection

Dilip Padmakar Sambus, Sheetal Sarang Patil

Dr. Sheetal Sarang Patil, Assistant Professor, Department of Surgery, SMBT Institute of Medical Sciences and Research Centre, Nandi hills, Dhamangoan, Igatpuri Nashik. E-mail: sheetalpatil78.sp@gmail.com

Abstract

Background: Surgical site infection is an infection of the tissues of the incision and surgical site. These infections have been responsible for the increase of the cost, morbidity and sometimes mortality of the operations and can be a major problem even in hospitals with all modern facilities. This study was done to assess the surgical site wound infections.

Methods: The study group consisted of the patient's undergone elective and emergency surgical procedures in the hospital. The study was conducted over a period of 8 months and included of patients with surgical site wounds. The results were statistically analyzed using IBM SPSS statistics version 16. **Results:** Total of 159 patients were included in the study. Out of these, 39 (24.52%) patients had developed surgical site infections. The infections rate was more in the age group of 46 to 55 years (34.14%). The surgical site infection rate was found higher in the emergency surgeries as compared to the elective surgeries. In the various surgeries, the highest infection rate was seen in the patients with abdominal laparotomy patients followed by the other surgeries. **Conclusion:** Surgical site infections are still a major problem for the patients who undergo operative procedures.