

ABSTRACT

Thansager, Navindran. 2012. **Profile of tetanus patients in RSUD dr. SAIFUL ANWAR, Malang in the period of 2008 – 2010**. Final Assignment. Medical Faculty of Brawijaya University. Supervisor: (1) dr. Aulia Abdul Hamid, M.Biomed.Sc, Sp.M, (2) dr. Nurul Hidayati, Msc.

About 1 million tetanus cases are reported annually, mostly in developing countries. Tetanus is an infectious disease caused by contamination of wounds from the bacteria *Clostridium tetani*. The last profile of tetanus patients in RSUD dr. SAIFUL ANWAR, Malang were reported in the period of 2000 – 2002 and no new data were reported since then. The profile of tetanus patients were reported for the period of 2008 – 2010 using secondary data from the medical records of tetanus patients in RSUD dr. SAIFUL ANWAR, Malang. Stipulation of clinical tetanus degree was conducted with the total number of patients comprising the factors: focal infection, incubation time, cause of death, total number of deaths, and treatment received. The purpose of this study was to find out the profile of tetanus patients in RSUD dr. SAIFUL ANWAR, Malang; total number of tetanus patients based on the factors of focal infection, cause of infection, incubation time, age, gender, clinical severity, total number of deaths, cause of death, treatment received, and length of hospital stay during the period of 2008 – 2010. The study was a descriptive study with an analytic approach. The result of study indicated that the mortality number of tetanus patients at RSUD dr. SAIFUL ANWAR, Malang was (43.10%). Factor studied dealing with the mortality rate, especially focal infection on the leg was the highest (77.38%), incubation time of 6 – 10 days (58.30%), the age group of adults (61.83%), males (77.03%), moderate clinical severity (54.41%), cause of death due to respiratory failure (43.44%) and the treatment with Metronidazole (100%). The data analysis shows that there is an alarming rise in number of tetanus patients seeking treatment in RSUD dr. SAIFUL ANWAR, Malang. The data also shows an increase in the mortality rate among the tetanus patients treated in RSUD dr. SAIFUL ANWAR, Malang. This research proves that there is an increase in number of tetanus patients and mortality rate among tetanus patients seeking treatment in RSUD dr. SAIFUL ANWAR, Malang.

Key words : *Clostridium tetani*, Clinical severity, incubation time, Mortality rate, Profile, Respiratory failure, Tetanus