

CHAPTER VII

CONCLUSION

Based on all the data collected from the medical records of 283 tetanus patients regarding the profile of tetanus patients in RSUD dr. SAIFUL ANWAR, Malang in the period of 2008 – 2010 it can be concluded that:

- 1) The mortality rate of tetanus patients seeking inpatient treatment in RSUD dr. SAIFUL ANWAR, has increased drastically over the past 6 years since the year 2002. Moreover, there is huge increase in total number of patients seeking treatment for tetanus disease in RSUD dr. SAIFUL ANWAR, Malang.
- 2) Focal infection (primary infection) through the leg is the most frequent among the tetanus patients where cuts or puncture as the highest cause of infection among the tetanus patients seeking treatment. Moreover, most frequent cause of death among the tetanus patients is because of respiratory muscle spasm (respiratory failure). Based on clinical severity, higher number of tetanus patients suffered from moderate tetanus as compared to severe and mild tetanus.
- 3) The highest total number of tetanus patients based on the age distribution group is adults (19 – 59 years). Nonetheless, the incidence of the tetanus disease in males is higher compared to females.
- 4) Treatment for tetanus patients is mainly by using the antibiotic metronidazole and Diazepam as an anticonvulsant, which is in line with the theory.

- 5) The length of hospital stay shows that the duration of the disease is short and rapid acting where most of the patients had hospital stay duration of less than 4 weeks, which is in line with the theory.

7.1 Recommendations

With an overall result of increasing tetanus patients admitted in RSUD dr. SAIFUL ANWAR, Malang over the years, these are some recommendations to:

- a) RSUD dr. SAIFUL ANWAR, Malang Medical personals to improve the quality of curativeeffort such as proper management of open wound by performing debridement to prevent sepsis and proper treatment for the tetanus patients.
- b) The RSUD dr. SAIFUL ANWAR, hospital management has to store accurate information of the patients seeking treatment in a computerized manner, where when a reference is needed regarding a patient it could be done easily.
- c) The hospital management also has to make sure all the interventions done on the tetanus patient to be recorded on the medical record, to prevent miscommunication among the medical personals and interventions taken.
- d) The RSUD dr. SAIFUL ANWAR, Malang management should provoke the Primary health center to improve preventive measures such as expanding the scope of tetanus immunization, by providing immunization for people staying in interior regions, newly married couples, pregnant mothers, and adults who have not received prior immunization.

- e) The hospital management with the evidence of the data provided from this study should conduct awareness program in schools, community centers and also in the rural places to help provide valuable information about the tetanus disease to the public.
- f) The RSUD dr. SAIFUL ANWAR, Malang should conduct study to obtain the profile of tetanus patients admitted every year to keep the data regarding the tetanus patients up to date and for further studies regarding the tetanus disease among the patients admitted in RSUD dr. SAIFUL ANWAR, Malang.

