



Length Of Stay Diaphyseal Tibial Fractures In North Sumatera Hospital

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Abstract : Background : Diaphyseal tibial fracture are the most common long bone fractures. From distribution data in Adam Malik General Hospital from January 2005 – March 2007 revealed that lower extremity has the highest incidence rate (63,5%). Mostly the hospital shows ineffective service as a reason to make the cost was increase. The purpose of this study is to know the length of stay differences between close and open diaphyseal tibial fractures.

Methods : Ninety six patients with closed and open diaphyseal tibial fractures were retrospectively review. Close fracture has thirty four patients. Open fractures has sixty two patients. The length of stay was count by measured the differences between date came and date out.

Results : In the close fracture group the mean time was 18.41 ± 14.27 ($p < 0.05$) and in the open fracture group the mean time was 13.90 ± 8.87 ($p < 0.05$).

Conclusion : There was no statistically significant differences of the length of stay between close and open fracture.

Keyword: length of stay, tibial diaphyseal.

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