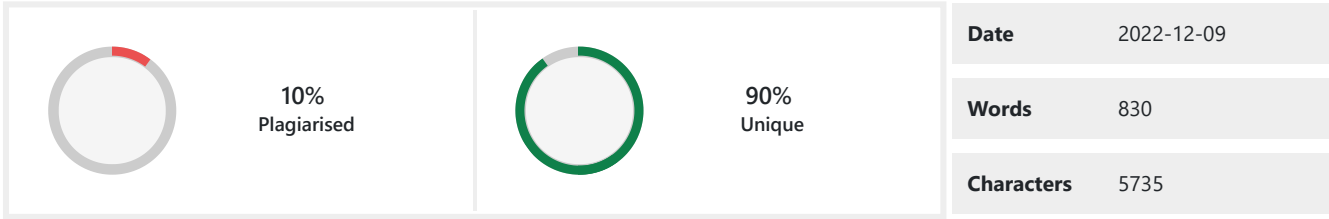


PLAGIARISM SCAN REPORT



Content Checked For Plagiarism

International Proceedings the 2nd International Scientific Meeting on Health Information Management (ISMoHIM) 2020

Reinforcing Health Information Management Professionals in The Industrial Revolution 4.0  
APTIRMIKI

Analysis of Efficiency of Hospital Service Bor Indicator in "Prof. Dr. R. Soeharso"  
Ortopedy Hospital in Surakarta Quarterly 1-3 In 2019

Fiqi Nurbaya  
Prodi Rekam Medis dan Informasi Kesehatan Univet Bantara Sukoharjo fiqinaya@gmail.com

Risma Gilang P  
Prodi Rekam Medis dan Informasi Kesehatan Univet Bantara Sukoharjo rismagprihandani99@gmail.com

Husnun Afifah  
Prodi Rekam Medis dan Informasi Kesehatan Univet Bantara Sukoharjo husnunafifah11@gmail.com  
Ihsantri Koespriyanti  
Prodi Rekam Medis dan Informasi Kesehatan Univet Bantara Sukoharjo ihsantrikoespriyati@gmail.com

Diah Lestari  
Prodi Rekam Medis dan Informasi Kesehatan Univet Bantara Sukoharjo diah.lestari.3010@gmail.com

ABSTRACT

The hospital is a means of health service that provides care and treatment to patients (society). Efficiency of service is very important for hospital, no exception orthopedic hospital Prof. DR. R. Soeharso Surakarta. One indicator used to assess the efficiency of hospital services is to use a BOR value. The purpose of this research is to make the use of the bed using the BOR indicator. This research is descriptive with the data implementation approach in November – December 2019. Data collected by interview and Obsevation, data is displayed in the form of tables and narratives. The results show that the BOR indicator in the first quarter was 86,03 % in the second quarter at 77,10 % and the third quarter at 88,04 %. In the 1st and 3rd quarter the use of bed exceeds the 75%-85% standard of efficiency (Barber Johnson standard). In the 2nd quarter the use of the bed is standard or already efficient. A BOR value that is too high can reduce the quality of medical team performance, reduce patient satisfaction and safety.

Keywords: hospital, Service BOR Indicator, Bed Occopancy Rate

I. INTRODUCTION

Hospital is a health service facility that provides care and treatment to patients (the community). The hospital as an

individual health service facility is part of the health resources that are indispensable in supporting the implementation of health efforts. The hospital service indicator is part of one of the hospital statistics. Hospital statistics are statistics that use and process data sources from health services in hospitals to produce information, facts and knowledge related to health in the hospital.

Hospital service indicators are used to understand the utilization, quality and efficiency of hospital services. The service indicators are derived from inpatient census data. A census is an activity that can show the number of inpatients while being treated in a given health service facility at any time. The purpose of conducting a census is for planning, budgeting and staffing. Inpatient census can be conducted at midnight at 24.00 or it can be done any time, but it must be consistent. One of the activities routinely carried out in hospital statistics is calculating the level of bed occupancy efficiency. This is done to monitor bed-use activity in the inpatient care unit and to plan its development.

The indicator used to assess the efficiency of hospital services is the BOR Value. BOR is the percentage of bed use in a certain period.

## II. METHOD

This research is descriptive with a data collection approach in November - December 2019.

**Data were collected by means of observation and interviews.**

## III. RESULT AND DISCUSSION

Routine activity carried out in hospital statistics is to calculate the level of bed occupancy efficiency. This is done to monitor bed-use activity in the inpatient care unit and to plan its development. One of the parameters used is the BOR (Bed Occupancy Ratio) value. BOR is a number that shows the percentage of bed use in a certain period in the inpatient unit. Efficiency standard BOR 75% - 85%. If the BOR is more than 85%, it means that the the hospital bed used is full. The BOR formula is calculated by comparing the number of beds used (O) from the number of beds available (A).

**This ratio is expressed as a percentage.**

Based on the results of calculation that have been done, the percentage of beds used in the inpatient room was obtained in the 1st quarter 86,03%; 2nd quarter 77,10%; 3rd quarter 88,04%. If you look at the ideal value of BOR which is 75% - 85% inefficient use of the bed is found in the 1st quarter, which is 86,03% and the 2nd quarter is 88,03%. This large percentage indicates that more and more patients are served. An increase in BOR that is too high can reduce the quality of the medical team's performance, reduce the level of patient satisfaction and safety.

## IV. CONCLUSION AND RECOMMENDATION

### A. Conclusion

1. The use of a bed in the 1st and 3rd quarter is not ideal, namely 86,03% dan 88,04%.
2. The use of a bed in the second quarter is ideal, namely 77,10%.

### B. Recommendation

It is necessary to conduct socialization on the quality of health services at the orthopedic hospital, Prof. Dr. R Soeharso Surakarta about the use of a bed

ISBN : 978-623-95806-0-5 (PDF)

257

## Matched Source

### Similarity 25%

**Title:** [www.coursehero.com](http://www.coursehero.com) > file > 122401420142-281-1-SM.pdf - International Proceedings the 2nd ...

View 142-281-1-SM.pdf from TUGAS 1 at Binus University. International Proceedings the 2nd International Scientific Meeting on Health Information Management (ISMoHIM) 2020 Reinforcing Health

**Similarity 25%**

**Title:**International Proceedings The 2nd ISMoHIM 2020Untitled - APTIRMIKI

<https://publikasi.apfirmik.or.id/index.php/ismohim2020>

---

**Similarity 25%**

**Title:**Analysis of Efficiency of Hospital Service Bor Indicator in "Prof. Dr ...

WebAnalysis of Efficiency of Hospital Service Bor Indicator in "Prof. Dr. R. Soeharso" Ortopedy Hospital in Surakarta Quarterly 1-3 In 2019 Fiqi Nurbaya, Risma Gilang P, Husnun Afifah, ...

<https://www.publikasi.apfirmik.or.id/index.php/ismohim2020/article/view/143>

---

**Similarity 4%**

**Title:**

basic process of psychiatric nursing in a hospital environmentTrying to maintain the equilibrium to serve their demands and ...

<https://pubmed.ncbi.nlm.nih.gov/9464153/>

---

**Similarity 4%**

**Title:**What is Ratio Analysis? - Types & Formula

<https://www.fe.training/free-resources/financial-modeling/what-is-ratio-analysis/>

---