

RADIOGRAPHY TECHNIQUE OF OS FEMUR DEXTRA IN CASE OF 1/3 DISTAL FRACTURE AT RADIOLOGY INSTALLATION OF EFARINA ETAHAM BERASTAGI HOSPITAL IN 2021

Sihat Manisia Siboro, Saufa Taslima, Juni Sinarinta Purba, Awan Pelawi, Bambang Kustoyo, Dea Rahmayani Barus

Lecturer at Universitas Efarina^{1,2,3,4,5,6}

Abstract

A fracture is a break in the continuity of the epiphyseal plate or growth cartilage (Foris and Waseem, 2018). A fracture is a state of loss of bone continuity, either totally or partially, caused by trauma or physical exertion. This research was conducted to determine the characteristics of patients with femoral fractures due to traffic accidents at Efarina Etaham Berastagi Hospital in 2021. This study used a descriptive method. research is the entire population that follows the inclusion and exclusion criteria. The sample selection was carried out by the total sampling method. This research was conducted by looking at secondary data, namely medical records of patients with femoral fractures due to traffic accidents at Efarina Etaham Berastagi Hospital.

Keywords: Work Discipline, Employee Performance, Work Communication

INTRODUCTION

Fracture is a break in the continuity of bone, joint cartilage, epiphyseal cartilage both totally and partially (Rosyidi, 2013)

Femoral fracture is a discontinuity of the femoral shaft which can occur as a result of direct trauma (traffic accidents or falls from heights), and is usually experienced more by adult males (Desiartama, 2017)

METHODS

The design of this research is a case study with the type of research in descriptive form, namely a research method that is carried out to describe or describe an objective situation. This research was carried out by taking the steps of data collection, classification, processing, making conclusions, and reports..

RESULTS AND DISCUSSION

1). Patient identity

Patient's name	: Eva Monica BroGinting
Gender	: Woman
Age	: 20Year
No. RM	: 00-11-69-24
Address	: Berastagi House
Checking type	: Femursright
Ket. Clinical	: Experiencing pain and there are injuries in the leg
Examination Date	: May 03, 2021

CLOSING

Conclusion

After conducting a radiographic examination of the femur with a fracture of 1/3 of the dextra femur at Efarina Etaham Berastagi Hospital, Karo Regency, the authors draw the following conclusions:

1. Fulfilling the radiograph of the femur with a case of fracture of 1/3 of the distal femur
2. It is very important to note the wide use of the irradiation field, so that the object will be seen in the middle of the film.
3. Lighting conditions affect the size of the object to be photographed
4. In terms of protection, protection against radiation is very important to note, so that the dose received by patients, personnel and the surrounding community is as small as possible. So avoid the danger of radiation
5. The process of washing the film also affects the high or low shooting conditions.

Suggestion

To improve the quality of radiographic images the author can provide the following suggestions:

1. For radiographic examination of the femur, a small focus should be used, where a small focus is useful for increasing the detail and sharpness of radiological images
2. The radiographer must be careful in determining the upper and lower limits of the object to be photographed, so that the object is in the middle of the film.
3. The radiographer has to be careful in determining the lighting conditions for the size of the object to be photographed

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*Sihat Manisia Siboro, Saufa Taslima, Juni Sinarinta Purba, Awan Pelawi,
Bambang Kustoyo, Dea Rahmayani Barus*

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