

ABSTRACT

Name : *Redonov Marsetio Tampubolon*
Program Study : *Kesehatan Masyarakat*
Title : *Risk Factors Related to the Occurrence of Low Back Pain in Bar Cutting Workers in the PT. Sebuku Iron Lateritic Ores, South Kalimantan in 2019.*

Low back pain (low back pain) caused by a muscle or ligament injury. Common causes include how to lift weights that are wrong, poor posture, not exercising regularly, fractures, broken discs, or arthritis. From a preliminary study conducted a proportion of low back pain as many as 30 people.

The purpose of the study was to identify risk factors associated with the occurrence of low back pain in bar cutting workers in the Smelter Construction Project of PT. Sebuku Iron Lateritic Ores, South Kalimantan 2019. This type of research is quantitative analytic with cross sectional design with 50 respondents selected using total sampling, then conducted interviews and measurements using a questionnaire and data collection is done through the review of Medical Check Up (MCU) documents.

The results of the study were 68% had experienced low back pain and who had never experienced low back pain as much as 22%. It is recommended to the management of PT. SILO to conduct evaluations of workers who are more than 30 years old so that they are placed in other parts of work that do not require excessive effort and use of muscle.

Keywords: *Low Back Pain, Muscle Injury, Fracture*

xi + 51 page; 8 table; 2 picture

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