

ABSTRACT

CORRELATION BETWEEN WORKING PERIOD AND WORKING POSTURE WITH LOW BACK PAIN ON BATIK TULIS MAKER IN BATIK TULIS CRAFT CENTRE KEMILING BANDAR LAMPUNG

By

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Low back pain (LBP) is a pain syndrome on low back and a work related musculoskeletal disorders. LBP is caused by many factors, the most common cause are muscle spasms and inappropriate body posture.

This research is aimed to know the correlation between working period and working posture with LBP on batik tulis maker at batik tulis craft centre Kemiling Bandar Lampung. This research used cross-sectional analytic methods. This research took place at Batik tulis craft centre Kemiling Bandar Lampung in October-November 2014 using 60 samples taken by total sampling method. This research was analyzed by using chi-square test.

The result of this research showed that respondents with LBP are 47,5%, respondents with ≥ 4 hours working periods are more than respondents with < 4 hours working periods. And respondents with sitting work posture are more than respondents with stand working posture and squat working posture. Statistical test result showed that there is a relation between sitting period ($p=0.00$) and working position ($p=0.033$) with LBP.

Keyword : Working period, low back pain, working posture, batik craft