

ABSTRACT



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CORRELATION BETWEEN LUMBAL CURVE DEGREE ON MYOGENIC LOW BACK PAIN DISABILITY

Consists of VI Chapter, 41 Pages, 7 Tables, 3 Images, 1 Grafik, 10 Appendix

Objective: This study to find out the correlation between lumbar curve degree on myogenic low back pain disability. **Methods:** This study was a type of quantitative descriptive with correlation type of study. Samples were chosen based on purposive sampling technique. The sample consisted of 34 administration employee in PT. Duta Hita Jaya, Jakarta Utara, the lumbar curve degree measured using flexible ruler and disability myogenic low back pain measured using MODI questionnaire. **Result:** Mean and standard deviation of lumbar curve degree on this study are $46,66 \pm 12,55$ while mean and standard deviation of myogenic low back pain disability are $23,35 \pm 12,15$. Normality test with Kolmogorov-Smirnov test was obtained with normal. The result of hypothesis test with correlation test with Pearson product moment was obtained with $p < 0.0001$ for flexible ruler and questionnaire MODI skill and $r = 0,581$. **Conclusion:** There is a moderate relationship with the higher lumbar curve degree, the higher the myogenic low back pain disability.

Keywords: Lumbar curve degree, Myogenic low back pain disability, flexible ruler, MODI