

## **ABSTRACT**

### **CORRELATION BETWEEN HUMERUS LENGHT AND BODY HEIGHT ON LAMPUNGNESE AND JAVANESE ADULT MAN IN SUKABUMI VILLAGE TALANG PADANG SUBDISTRICT TANGGAMUS DISTRICT**

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There were many cases of mutilation revealed in Indonesia in 2014. In the case of mutilation, the bodies of the victims were found not complete so that difficult for the identification process. The process of determining height is a major step in the process of identification when only part of the body was found, and one way of determining height is using the length of the long bones. The research was aimed to analyze the correlation between humerus lenght and body height.

This research was done in November 2014 at Sukabumi village, it uses analytic descriptive method by cross sectional approach. The sampling is done by consecutive sampling and obtain 30 respondents for each Lampungnese and Javanese man adult.

The average humerus lenght of Lampungnese man is 26.67 cm and the average body height of Lampungnese man is 166.483 cm with correlation coefficient (r) 0.806. The average humerus lenght of Javanese man is 26.042 cm and the average body height of Javanese man is 165.007 cm with correlation coefficient (r) 0.784. Humerus lenght showed a very strong positive correlation with body height in Lampungnese man adult and humerus lenght showed a strong positive correlation with body height in Javanese man adult.

Keywords: body height, forensic identification, humerus length, Javanese, Lampungnese.