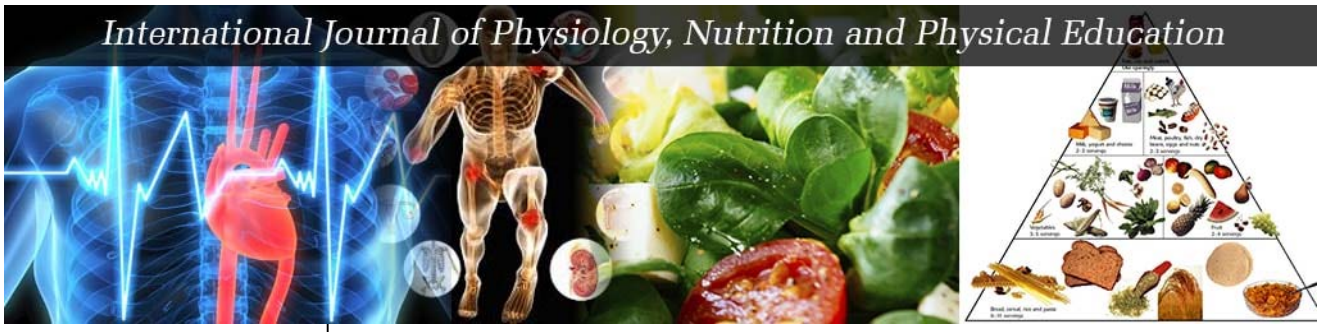

ISSN: 2456-0057
IJPNPE 2018; 3(1): 143-144

www.journalofsports.com
Received: 21-11-2017
Accepted: 22-12-2017

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Sway of height on volleyball playing ability

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Abstract
Introduction: The physical structure especially the height and arm length have definite and decisive advantage in many games and sports. Similarly, segmental length of individual body parts especially height and arm length are of considerable advantage in certain games like volleyball, Cricket and Basketball. Anthropometric measurements have revealed correlation between body structure and physical characteristics and sports capabilities. This knowledge of mathematical correlation permits sports physicians to evaluate and to predict performance potentialities on the requirements of the sports and games, the prediction prognostics.
Purpose: The purpose of the study was to know the influence of height on Skill performance among Intercollegiate Volleyball Players.
Methodology: The purpose of the study was to know the influence of height on Skill performance among Intercollegiate Volleyball Players. Forty volleyball male players, who have participated in the Kuvempu University Intercollegiate volleyball tournament during the year 2015-16, were selected as subjects for this study. For the study anthropometric variable height and Brady volleyball skill test was taken as variables. The investigator explained the purpose and significance of the study to all the subjects selected for this study to ensure maximum co-operation from the subjects.
Results: The data collected to achieve the purpose of the study was tested with the statistical technique co-efficient of correlation.
Conclusion: Within the limitations of the present study a, the conclusions were drawn as There was a significant relationship between set-up ability, passing ability, serving ability and Height But there is no significant relationship between volleying ability and height

Keywords: Sway, Height, Intercollegiate, and Volleyball

1. Introduction
The physical structure especially the height and arm length have definite and decisive advantage in many games and sports. Similarly, segmental length of individual body parts especially height and arm length are of considerable advantage in certain games like volleyball, Cricket and Basketball.
Anthropometric measurements have revealed correlation between body structure and physical characteristics and sports capabilities. This knowledge of mathematical correlation permits sports physicians to evaluate and to predict performance potentialities on the requirements of the sports and games, the prediction prognostics.
The higher level performance of a basketball does not depend only on the mastery of technical, tactical aspects alone, but also upon the anthropometric measurements.
An Anthropometric measurement has wide applications as one of the essential parameters consists the selecting diagnostics of any game or sport. The anthropometric indices aided in evaluating potentiality for athletic performance.
Anthropometric measurements are useful in many fields. For example, athletes understand that body size and composition are important factors in sports performance. For example, a petite man with a low percentage of body fat will be more successful as a jockey in the Kentucky Derby than he would be as a defensive lineman in the National Football League. Sports coaches can also use these measurements to monitor an athlete's body to ensure they stay in peak physical shape.

2. Methodology
The purpose of the study was to know the influence of height on Skill performance among

Intercollegiate Volleyball Players. Forty volleyball male players, who have participated in the Kuvempu University Intercollegiate volleyball tournament during the year 2015-16, were selected as subjects for this study. For the study anthropometric variable height and Brady volleyball skill test was taken as variables. The investigator explained the purpose and significance of the study to all the subjects selected for this study to ensure maximum co-operation from the subjects.

3. Statistical Analysis
The data collected to achieve the purpose of the study was tested with the statistical technique co-efficient of correlation.

4. Results and Discussion

Table 1: Shows the relationship between height and Volleyball playing ability

Sl. No.	Variables	Correlation co-efficient
1	Height and volleying ability	0.31
2	Height and Serving ability	0.57**
3	Height and Passing ability	0.53**
4	Height and set-up ability	0.45**

The above table shows the relationship of height on playing ability of volley ball men players. There is a significant relationship between serving ability and Height (r = 0.57), it is positive correlation of medium order at 0.01 level of significant, passing ability and Height (r = 0.53), it is positive correlation of medium order at 0.01 level of significant and set-up ability and height (r = 0.45), it is positive correlation of medium order at 0.01 level of significant. But there is no significant relationship between volleying ability and height (r = 0.31).

5. Conclusion
In view of the finding and limitation of the study, the following conclusion were drawn

There is a significant relationship between height and volleyball playing ability its depicts that height of the volleyball player is effected on the playing ability like serve, pass and set-up but not effected on volleying ability.

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