

**Prof. R.M. Wath: Comparative of Depth Perception, Agility And Explosive Strength of
Shoulder in Different Ball Games: A Study**

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Comparative of Depth Perception, Agility And Explosive Strength of Shoulder in Different Ball Games: A Study

- Prof. R.M. Wath

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Abstract: The main purpose of the study is to compare depth perception, agility and explosive strength of shoulder in different ball game players. A subject was selected from the inter-collegiate players. Age of subjects ranged between 18 to 28 years. The subject was selected from following games football, volleyball, handball only. 15 male from each football, volleyball, handball intercollegiate players of different colleges were selected as subject. Simple random method was adopted for selection of the subject. The collected data were analyzed by employing F-ratio statistical techniques to find out the significant difference between the selected three groups i.e. Football, Volleyball and Handball players in-depth perception, Agility and Shoulder strength. The finding of the study revealed that there is no significant differences in Depth perception ($F_{0.05}(2, 42) = 3.219 > \text{Cal } F = 0.037$) among the selected ball games. The finding of tables also reveals that there is significant difference in agility ($F_{0.05}(2, 42) = 3.219 < \text{Cal } F = 3.312$) among the players i.e. significant difference found mean difference between Football and Volleyball players is 1.200 which is greater than critical difference 0.949. Similarly, the finding of tables also reveals that there is insignificant difference in Shoulder strength ($F_{0.05}(2, 42) = 3.219 < \text{Cal } F = 4.084$) among the players i.e. significant difference found mean difference between Football-Handball ($MD = 1.333$) and Football-Volleyball ($MD = 1.467$) players are greater than critical difference 1.145.

Key Words: *Depth Perception, Agility, Explosive Strength of Shoulder*

Introduction:

In the dynamic age of science and technology, the human element is threatened as ever before driven to our exertion in response to the demand for maximum production and all out effort. The development and conservation of material source is constantly stressed while very little is said about protection of human resources. In this competition age no culture can survive unless its men and women can be permitted to attain and maintain vigorous and abundant vitality and can be helped to recuperate quickly from strain and fatigue.

Depth perception is the visual ability to perceive the world in three dimensions (3D) and the distance of an object. Depth sensation is the corresponding term for animals, since although it is known that animals can sense the distance of an object (because of their ability to move accurately, or to respond consistently, according to that distance), it is not known whether they "perceive" it in the same subjective way that humans do.

Depth perception arises from a variety of depth cues. These are typically classified into binocular cues that are based on the receipt of sensory information in three dimensions