



A KNOWLEDGE TEST IN DIFFERENT LEVEL MEN'S HANDBALL PLAYERS IN INDIA

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KEYWORDS :

Introduction

The Handball played today has evolved over a period of time and the format of game seems to have undergone a considerable change. A game, somewhat similar to the Handball has been mentioned in the Greek epic entitled "The Odyssey". Not only the Greeks, but even the Romans knew a sport similar to it. A Roman Doctor by name Claudius Galenus (130-200AD) makes a reference to it. This apart, Rabelais (1494-1533) makes a reference to a game similar to Handball being played in France.

Handball has become one of the popular sports in the world and is known for its speed. This game is also a part of Olympic Sport. The simple rules of game, minimal ground and equipment facilities and the speed of game itself along with the scope for players to exhibit their exclusive skills makes it a popular game among even the schools and educational institutions. An effective handball players needs to possess several physical and mental abilities such as high-speed action, neuro muscular coordination, explosive jumping and hand power with proper aiming at goal. Additional abilities like explosive power of arms and legs, sprint velocity and kinesthetic feeling in ball control add to the playing efficacy. These physical activities, most crucial for playing Handball, are considered anaerobic mainly because of the speed at which the game is played. In the recent days, a Handball player is required to possess the longitudinal dimensions like stature, arm span, hand span and length.

Methodology

The purpose of the study was to assess the knowledge of the Men Handball players in India regarding the rules, skills, terminology, tactics and strategies of the Handball. The investigator was selected a total 90 (N=90) Men Handball players from different Levels (State, National, International) in India. The age of the subject were ranged from 16 to 28 years. The test had the emphasis in all aspects of the Handball includes, Handball history, rules, terminologies, technique and strategies. The questionnaire has two responses for each item Scores 0 or 2. There were 50 multiple choice question and they can tick their responses. The maximum mark was 100. The researcher analyzed the collected data using the statistical technique through descriptive statistics such as mean and standard deviation Anova was used to test the significant difference among the Handball players.

Result

Table I: Mean Standard Deviation Of Knowledge Test Handball Players in different level in India

Group	N	Mean	Std. Deviation	Std .Error
State	30	49.1	5.8507	1.0682
National	30	60.4667	5.3736	0.9811
International	30	67.6667	5.6161	1.02353

*significant at 0.05 level

It is observed that from table I that the mean value of Knowledge test State level it is 49.1 for National level it is 60.4667, International levels it is 110.67. Standard deviation it is 5.8507, 5.3736, and 5.6161 respectively for Indian Handball players.

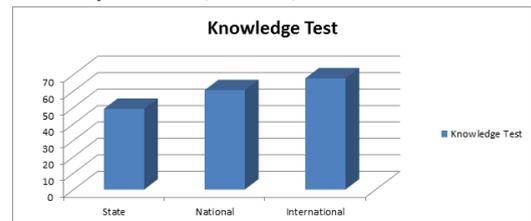
Table I (A): Analysis Of Variance of Knowledge Test of Handball Players State, National, International in India

Source	Sum of Squares	df	Mean Score	F-ratio	P- value
Between	5257.64222	2	2628.8211	83.323	0.0
Within	2744.8209	87	31.5497		
Total	8002.4631	89			

*significant at 0.05 level

Table I (A) show that there is a significant relationship of Knowledge test among Handball players of State, National, International level in India since the obtained 'F' Value is 83.323. Because the P- value of 0.0 is lesser than the 0.05 value.

Figure 1: Diagram Showing the Knowledge Test of Indian Handball Players in State, National, and International levels.



Discussion of findings

There is significant difference on scores of knowledge among Men Indian Handball players of different levels. Thus hypothesis stated as there will be significant difference in knowledge among the different levels under the study is here by rejected. Hence hypothesis has been accepted.

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