

Relationship of Overhead Pass Skill Efficiency with Motor Fitness components of Handball Players

Dr. Anu Chauhan

Associate Professor of Physical Education in D.M.M., Kurukshetra

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Abstract:

The reason for the current review was to relate Handball Match-up Above Pass Expertise Productivity with Engine wellness Parts and furthermore find the exceptionally relationship between these factors. The examination was led on Between College and Public level 29 male handball players old enough reach 18-25 years. Six engine wellness parts as autonomous factors and one ability tests as reliant variable were assessed of each subject. SPSS (13) PC programming was utilized to dissect the information and it found that the wellness parts i.e., arm strength, leg strength, speed and perseverance has huge relationships with above Pass Ability Proficiency of handball players.

Key Words: Skill efficiency, Motor Fitness and Handball.

Introduction:

More than 16 million individuals play the handball match-up in roughly 142 nations all over the planet. It is a superb combination of soccer, b-ball and a couple of water polo strategies tossed in. It is an interesting, quick, dynamic, fun game and anybody can play and appreciate it without any problem. It requires least framework and 16 individuals can practice in it immediately; it develops fortitude, speed, and perseverance and keeps one fit areas of strength for and. Handball is such an exceptionally famous game in the realm of sports where a games individual requires an elevated degree of physiological circumstances, actual norms and suitable build and body particularly for high actual signs. Handball match-ups are quick, dynamic and the players should be actual fit. This game has a generally fast expectation to learn and adapt on the grounds that the fundamental developments are based on regular human developments, for example, running, hopping, running and tossing. These interesting perspectives separate handball from any remaining actual activities. Handball players should

be fit and gifted. The speed of the game and the steady physical and mental difficulties will assist the muscles and brain with working better in general body.

Specialists and researchers recovered number of related investigations for example Rowland (1970) viewed that as "Handball requires the entertainer that can run, bounce, toss and catch all regular and explicit abilities." Vasquez et. al. (2007) announced that the particular hand anthropometric boundaries, finger lengths and edges of the hand essentially corresponded with the maximal handgrip strength. It is control and vital for the exactness of various shots, in handball and b-ball. Gopinathan (2009) decided the relationship of anthropometric and actual wellness factors with handball player execution. He uncovered that the level, weight, a safe distance, leg length, palm range and amount of four skin-folds and actual wellness factors of speed, readiness, dangerous power, shoulder strength, strength perseverance were having critical relationship with handball execution. laid out that those groups scoring high in expertise tests are viewed as fit for winning high level of cutthroat matches. In group game like Handball, genuine appraisal of playing capacity is finished through assessment of game execution. These scientists, Stroup (1955), Diez (1978), Rodriguez (2004), Neil and Mezey (1981), Singh K. and Chauhan M.S. (2010), Singh, K.(2013), Kumar, R., and Singh, K. (2009) and Chauhan (1988 and 2003) and so on additionally have given the attributes of different games individual for explicit games and relationship of anthropometric estimations, actual wellness and body synthesis parts with playing execution in unambiguous games and sports. From the scholarly survey it is clear that there is a need of examination in the space of Handball especially in expertise productivity. In Indian setting this study helps the mentors and players to advance and foster their expertise related proficiency of Handball match-up.

Methodology:

29 male Between College and public level handball players between the age gathering of 18 to 25 years, in the meetings 2017-18 and 2018-19 comprised the subjects of the review. The information of the subjects were gathered by utilizing the anthropometric pole; vernier calipers, steel tape as per the directions given by Weiner and Lourie (1969)., though factors of actual wellness i.e Arm Strength, Speed, Perseverance, Adaptability, Spryness, Leg Strength and equilibrium were estimated by 6Lbs Medication ball Put, 50 yards run, 600 Yards run and walk, Bowed and Reach, Transport Run, Standing expansive leap and stork stand test separately. The reliant variable i.e., above pass was estimated by I.L.Zinn Group Handball Expertise Battery (1981). Above Pass was converged to get a score of playing capacity. It assesses the players shooting above pass precision in standing position. The most extreme score was determined (as displayed in figure no.1). The information were dissected by applying the item second strategy for connection with the assistance of SPSS (13) PC programming. Figure 1: Target Checking of Above Finish Expertise Assessment by Zinn Group Handball Ability Battery

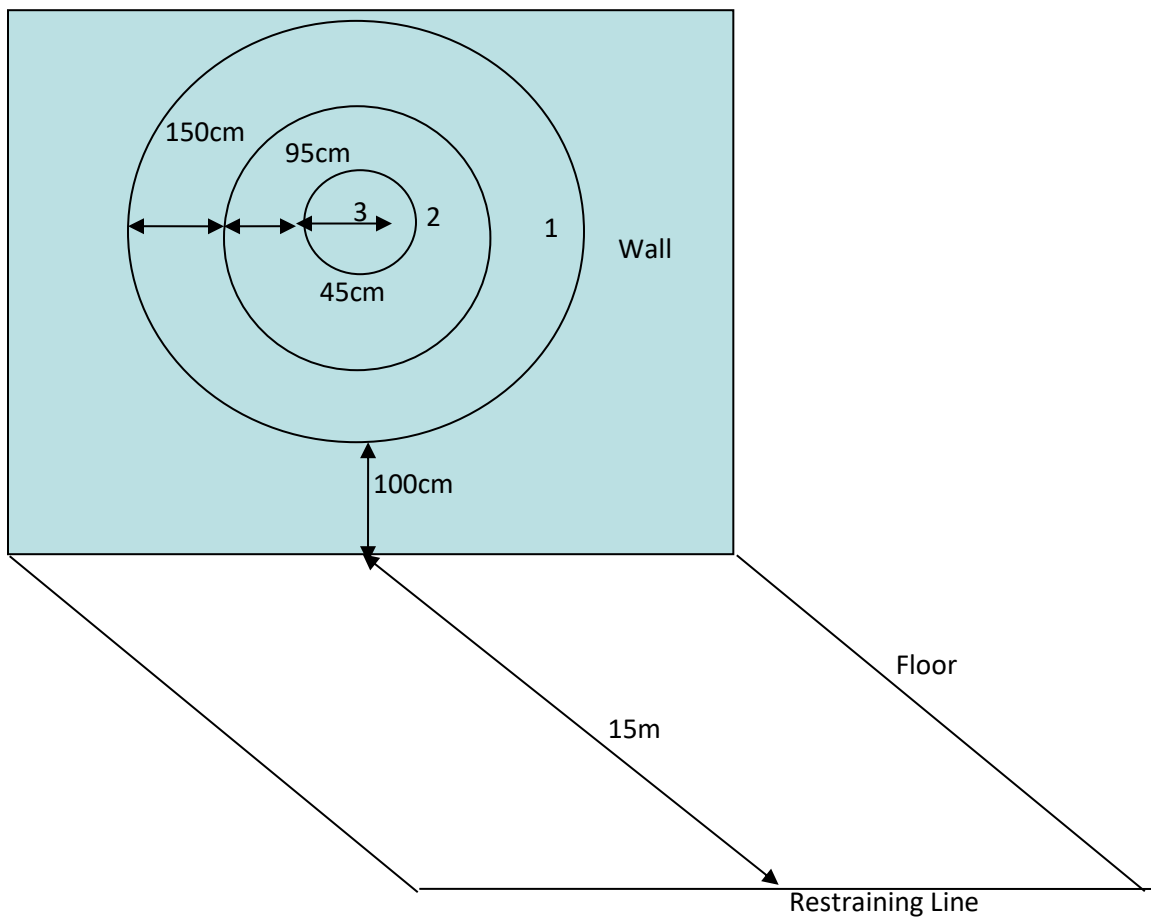


TABLE-1.1

**CORRELATIONS OF MOTOR FITNESS COMPONENTS TO OVERHEAD PASS
SKILL EFFICIENCY OF HANDBALL PLAYERS (N=29)**

Sr.No	Variables correlated with ball passing and distance throwing skill efficiency of Handball players	Mean	Standard Deviation Std.	Co-efficient of Correlation 'r'
	Overhead Pass skill Efficiency	20.862	2.7610	
1	Speed	6.871	.264	-.445*
2	Arm Strength	921.379	73.228	.992**
3	Endurance	215.345	17.729	-.448*
4	Flexibility	16.121	3.485	.486**
5	Agility	10.821	.532	-.059

6	Leg Strength	197.069	19.718	.561**
7	Static Balance	24.867	6.882	.106

**Significant at .01 level of significance = .471 N= 29

* Significant at .05 level of significance = .367 df= 27

It is seen from the table-1.1 that arm strength (.992) leg strength (.561) and adaptability (.486) has huge and positive relationships with Above Pass Ability Productivity of Handball players at .01 degree of certainty, though speed (- .445), perseverance (- .448) has critical and negative connections with Above Breeze through Expertise Effectiveness Assessment at .05 degree of certainty. The time is contrarily relative to execution since when time diminishes then execution increments as well as the other way around. Different factors nimbleness (- .059) and balance (.106) have unimportant relationship with Above Pass Ability Effectiveness of Handball players. It shows that Arm and Leg strength factors of wellness straightforwardly add to further develop the Handball player's exhibition since leg strength accommodating in hopping, running and arm strength contribute in the toss of Handball really. Comparably speed and perseverance are useful in really execution of ability for quick and long span with next to no weakness.

Conclusion: The Engine wellness parts for example Arm strength, leg strength and adaptability has huge and positive relationships with Above Pass Ability Proficiency of Handball players at .01 degree of certainty, though speed, perseverance has critical and negative connections with Above Finish Expertise Productivity Assessment at .01 degree of certainty. (The time is contrarily corresponding to execution since, when time diminishes then execution increments as well as the other way around). Then again deftness and offset has unimportant relationship with Above Pass Expertise Proficiency of Handball players. It shows that Arm strength and Leg strength factors of wellness straightforwardly upgrade the Handball player's presentation since leg strength accommodating in bouncing, running and arm strength contribute in the powerful and precise toss of Handball ball on the objective. Comparably speed and perseverance are fundamental necessities to execute ability for quicker pace and long span with next to no exhaustion.

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