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**Analytical study of the variable motion indicator and result with ball speed of remote shooting skill by jumping high for handball**

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**Abstract**

The aim of the study:1 - Identify the mechanical variable values (motor indicator) skill correction jumping high handball. 2 - Identify the values of the amount of speed of the ball to the skill of shooting high jump for handball players. 3 - Identify the amount of motor transport and its impact indicator of the output speed of the ball skill correction jumping high in the research sample. The descriptive approach was used in the survey method to solve the research problem . The research sample included some of the(10) players specialized in handball for the sports season 2018-2019.The researcher prepared a test to measure the accuracy of the correction skill after it was presented to a group of experts and specialists. The field of handball, tests and measurement for the purpose of evaluating the test, then he found the scientific basis of the test for the purpose of reliability in measuring the accuracy of the skill of correction, and then the main experiment was conducted on 25/08/2018 on the sample of the research, was used video camera during the experiment and also used the program Etc. Analysis of mathematical skills (Kinovea) to extract the variable biomechanics (motor indicator, The Speed Ball ) , and after processing the data on a computer device according to the statistical program SPSS Ver 19, reached a set of conclusions, including: 1 -The existence of significant relationship with statistical significance between the mechanical variable (motor indicator) and the velocity of the ball in the sample of the research. 2 -Get an ideal angle for the player to rise as a result of an opponent that resulted in a reduction in the amount of energy lost during the process of dependence and impulse .

**Keywords**:Biomechanical, Analysis Skills , Motor indicator, Handball , Aiming , ball Speed, Jump high.