

DEVELOPMENT OF SKILL TEST OF FIELD TENNIS BASED ON TECHNICAL APPROACH AND TACTICAL APPROACH FOR STUDENTS OF FACULTY OF SCIENCES UNY

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ABSTRACT

Nowadays, Faculty of Sport Sciences (FIK) UNY has some difficulties to face by lectures of Field Tennis Course; such as the fact that FIK does not have the instrument to assess the standards on playing field tennis for the students, the instruments used so far still adapt assessment instrument tests made by other countries where they do not necessarily meet the students' characteristics, in recent time the instrument used still employs subjective rating where the accuracy level is difficult to be taken the responsibility. This research intends to develop ability test to play field tennis based on technical approach and relevant tactic according to the FIK UNY student's ability level. So, the developed test meets the requirements as the good research instrument.

The research method used was by research and development method. The subjects were 26 students who had accomplished field tennis course taken by purposive sampling technique. The content validity test of the development of field tennis playing ability test based on tactical approach performed through field tennis experts (subjective rating expert judgment) and analyzed by CVR (Content Validity Ratio) Formula. The test reliability used test and re-test and analyzed by using Pearson Product Moment Correlation. The reliability test of development of field tennis playing ability test based on technical approach used Consistency Alpha Cronbach formula. To determine the reliability between experts (Inter- tester reliability) employed Anova- General Multifacet Model.

The result of the research shows that (1) the test of field tennis playing ability has been developed for students of FIK UNY based on technical approach through sport skill test with reliability coefficient of forehand groundstroke test = 0.908, backhand groundstroke = 0.925, volley forehand= 0.933, volley backhand= 0.909, right serve= 0.900, left serve= 0.829, (2) The content validity has been developed through expert judgment ability test based on tactical approach consisting 4 factors, indicators, and most important descriptors on field tennis game including: (a) competing mental/ psychology, (b) process of hitting implementation/ decision, (c) result of hitting implementation/ execution, (d) attitude and behavior of tennis player. According to the development of field tennis test, it has high reliability coefficient value so that this test can be used as instrument to assess the field tennis ability level for students of FIK UNY

Kata Kunci: *Tennis Test Development, Technical Approach, Tactical Approach*