

Boonyarit Boonyalongkhon 2010: A Construction of Water Polo Skills Test for Youth Athletes. Master of Arts (Physical Education), Major Field: Physical Education, Department of Physical Education. Thesis Advisor: Associate Professor Chanchai Khuntisiri, M.A. 119 pages.

The purposes of this research were to construct water polo skills test and to establish norms for youth athletes. The test consisted of four items: 1) dribbling, 2) vertical jumping, 3) shooting, and 4) throwing. The face validity of test was agreed on by 9 experts. The test-retest method was used to determine the reliability with a sample of 20 youth water polo athletes in seven-day interval and the objectivity was tested by the scoring judgment of two testers. The population was 71 youth water polo athletes for the construction of the criterion. The data were analyzed by using mean, standard deviation and Pearson product-moment correlation coefficient.

The results on construction of water polo skills test for youth Athletes for dribbling, vertical jumping, shooting, and throwing, were the following: face validity were 0.87, 0.85, 0.85 and 0.84, respectively, the reliability were 0.98, 0.99, 0.80 and 0.84, respectively, and the objectivity were 0.99, 1.00, 1.00 and 1.00, respectively.

It can be concluded that the water polo skills test possessed a satisfactory quality for application to youth athletes.

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Thesis Advisor's signature

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