

THE PROBLEM OF THE QUALITY OF JUDGING IN RHYTHMIC GYMNASTICS

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Annotation. The aim of the study is to develop a classification of factors influencing the quality of judging in rhythmic gymnastics. As a result of consolidation of theoretical information and practical experience was a list of the factors that negatively affect the behavior of judges in gymnastics, which were divided into two groups: the objective and non-objective (subjective). Objective factors include intense competition schedule, fatigue, especially memory, attention, competition rules, to the subjective: the ratio of judges to their gymnast (team) or to the opposing team, the lack of interest in the performance, composition of the judging panel, the influence of authority and popularity sportswomen dependence on its management. Respondents were unanimous in that independent professional judges are needed in a rhythmic gymnastics. It is set that 64% respondent mark the presence of pressure on judges from the side of competitors.

Keywords: judging, gymnastics, objectivity, factors.

Introduction

The quality and objectivity of refereeing in kinds of sports with subjective determination of competition results is rather complicated problem. For its solution it is necessary to improve the rules of competitions, preparation of referees, principles of referees' teams completing, control over referees' work and using of technical equipment [2]. Alongside with it, most of researchers think that the system of rational preparation of referee personnel and improvement of rules are the main conditions of solution of refereeing problem in calisthenics [3]. However, referees' work efficiency depends on their psychological status, activity, anxiety, attention. Mental activity plays important role, which is connected with solution of different perceptual and mental tasks. These factors facilitate "loosening" of mark from its increasing to reduction that underlines dependence of referees on the state of their central nervous system [9]. Such problems can also be connected with peculiarities of memory. By the data of Yu.Ye. Titov [9], L.I. Turischeva [10] the capacity of human memory is lower than requirements of modern rules of competitions, according to which in one composition female gymnast carry out more than 20 elements by body, not considering the load of equipment, which is more than 1000 bits of memory. Referee must see and evaluate all this. Thus, formation of integral idea about factors of influence on referees' work as one of main problems not objective and unqualified refereeing, determination of total result and progressive development of calisthenics in Olympic sports system, conditions the urgency of the research.

In competition rules of many kinds of sports (calisthenics and gymnastics, high board diving, ski jumping, figure skating) there is no clearly differentiated criteria of evaluation of such indicators as show character, artistry of a sportsman, originality of techniques, complexity and sequence of exercises' execution and other, having great importance for determination of a winner [7]. In the process of this problem's study specialists marked out a number of factors, influencing on the quality of refereeing.

For example, the problems of gymnastics referees' attention and memory peculiarities were studied by Yu.Ye. Titov [9], criteria of control over referees' work were described in the works by Ye.P. Overkovich [1] and Yu.A. Popov [7], influence of social factor (sportsman's authority and popularity) on referees was researched by L.I. Turischeva [10]; R.M. Teriokhina [8] marked out the significance of inner referees' activity, connected with solution of different perceptual and mental tasks.

Subjective change of mark, connected with executive skill of female gymnasts is additional activity, i.e. solution of other tasks in the process of main information memorizing [8, 11, 12]. For example, evaluating an exercise, referees have not only to memorized the made by sportswomen mistakes, but also to solve tasks, connected with determination of additional markups.

The next factor, which influences on refereeing quality, is referees' tiredness. Tiredness causes both memory and attention weakening. Attention weakening is very important factor, which can bring to substantial mistakes in refereeing.

Referee's activity is characterized mostly by visual memory. Often visual memory requires volitional efforts. Special scientific works were devoted to: concentration of attention [4], referee's work efficiency [8], components, determining final psychic status of referees [4]. Each of these factors influences on referee's work efficiency.

Thus, referees' mistakes may be the results of the following factors: complexity of perception and processing of all information, attention and memory weakening, adjustment for certain standards of executive skillfulness, uncertainty of competition rules, absence of clear criteria of exercises' originality and show character.

The research has been fulfilled as per the plan of scientific & research works of Kyiv university, named after Boris Grinchenko for 2011-2015 on subject "Philosophical, educational and methodological foundations of competence, personal-professional, multi-profile university education".

Purpose, tasks of the work, material and methods

The purpose of the research: classification of factors, which influence on refereeing quality in calisthenics.

The tasks of the research:

- To find out the factors of influence on refereeing quality in calisthenics;
- to classify and ground the factors of influence on refereeing quality in calisthenics;

The methods and organization of the research. The research was being conducted in the period from September 2010 to July 2012 and consisted of analysis of scientific-methodological literature, questioning, processing of data by the methods of mathematical statistics. Questioning covered 22 specialists in calisthenics, among them: 4 referees of the 2nd category, 2 referees of the 1st category, 6 referees of national category and 10 referees of international category.

Results of the research

In the process of research we revealed main factors, which influence on the work of referees in calisthenics. These factors are the reasons of referees' mistakes, which appear in the process of competition refereeing. The mistakes were the results of subjective and objective factors. In their turn objective factors do not depend on conscious, will, desire or taste of a man and subjective factors do not reflect actual situation.

In the process of questioning, respondents were given the list of possible factors, influencing the referees' work. Among them there were objective factors such as noise in hall, absence of rest intervals, inconvenient location of working place, schedule density of female gymnasts' performances, tiredness, continuous refereeing for more than 6 hours, combination of referee and coach functions, unfavorable time of day, hunger [5].

Besides, subjective factors: referee's attitude to his female gymnast, to team or to adversary team, absence of interest to performance or to team, personnel of referees' team, influence of authority and popularity of sportswoman, dependence on his management.

Tiredness and dense performance schedule ($W = 0,61$) were marked out by respondents as the factors which influence on their work to the largest extent. Referees' individual features, their qualification, record of service, level of competition are also of great importance (see fig. 1).

Except revelation of the most influencing on referees' work factors, respondents were questioned about refereeing peculiarities and problems in calisthenics. 64% of respondents agreed with pressure from the rivals. 68% of respondents gave positive mark to Ukrainian Federation of gymnastics' measures, directed to improvement of objectiveness, the rest were of other opinion.

The pressure from coaches or other referees was confirmed by 32 % of respondents, the same quantity of respondents did not agree with it, other insisted on partial pressure. All respondents were unanimous in opinion that calisthenics require independent professional referees.

Thus, the factors, marked out by us, stress the main refereeing problems in calisthenics. Their analysis and solution will permit to increase the level of refereeing quality and objectiveness in determination of winners. In further researches it is planned to formulate recommendations about elimination of negative influence of objective and subjective factors on refereeing in calisthenics and to develop the program of correction and recreation of referees' state in working process.

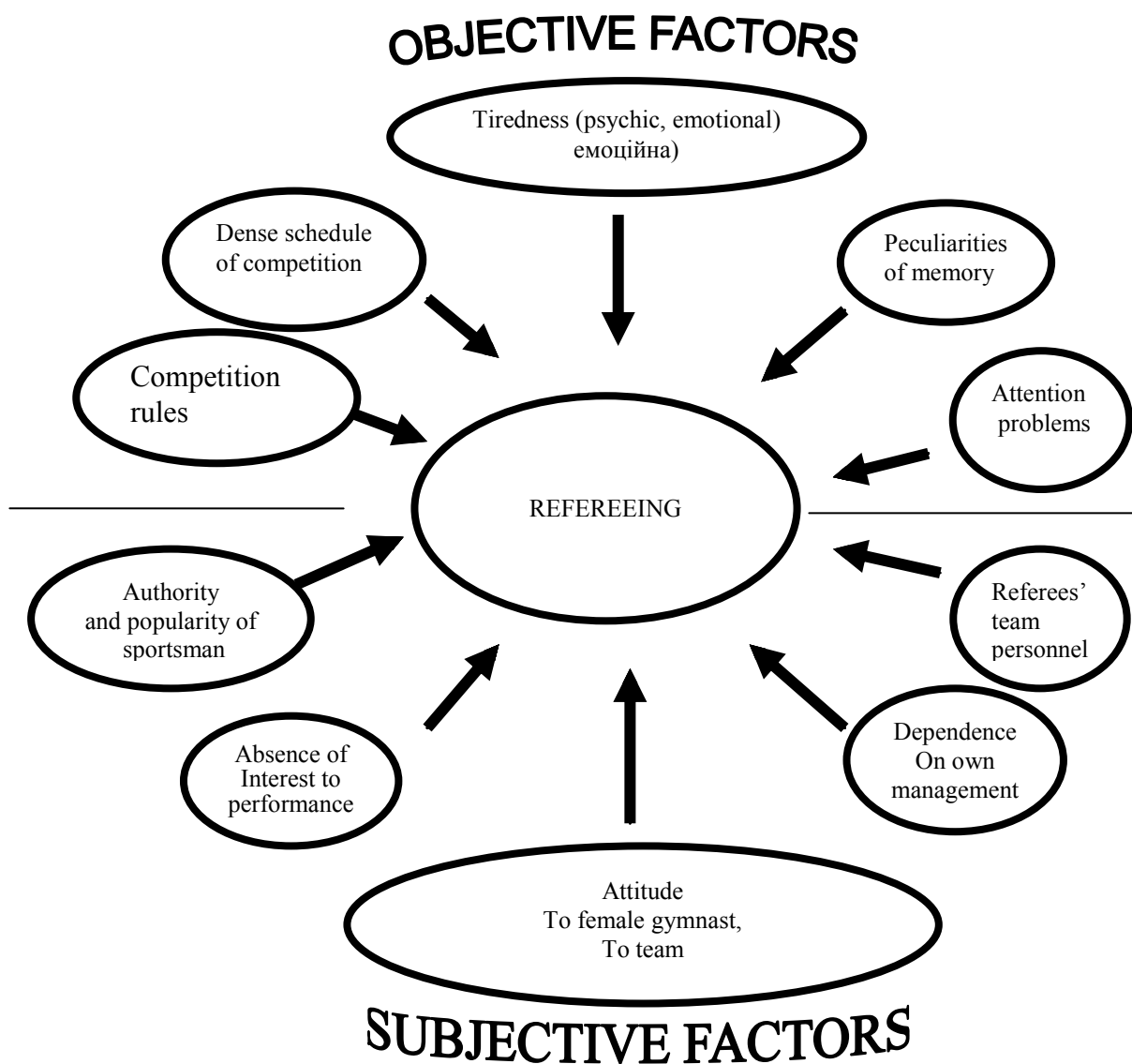


Fig.1 Classification of factors, influencing on referees' work in calisthenics

Summary

1. Analysis of calisthenics competition referees' practical experience witnesses that the problems of objective refereeing exist. The found factors, influencing on the refereeing quality, are divided into two groups: objective and not objective (subjective) factors. It permits to raise the quality of refereeing by avoiding the most important of them, and improve the objectiveness of competition refereeing.

2. Improvement of refereeing objectiveness is a complicated problem, which includes: perfection of competition rules, development of objective criteria of control over referees' work, using of modern technologies in refereeing, registration of referees' abilities to percept and process information in the process of competition with good quality, perfection system of referees' training.

3. The conducted researches expanded knowledge about problem of refereeing objectiveness in calisthenics. On the base of analysis of scientific-methodological literature it was established that efficiency of referees' activity is affected by their psychological state, peculiarities of their memories' operation, tiredness, level of attention and etc.

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