Chapter 39
Reflections of the Use of Technology on Sports Education and Sports Products

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ABSTRACT

Because of the rapid technological developments taking place today, it is inevitable that these developments will show themselves in every aspect of human life. These rapid transformations constitute many changes in the structure and living conditions of society. Technology, having started to show itself with all of its aspects especially in the present century, is important in terms of making people reach whatever there is in the field of technology and innovation as soon as possible through mass media. In this context, many countries create systems that produce sports technology by integrating technology into sports. These technologies, which are not limited only to sports products, have also shown their effect on the materials used by referees who are the head of decision mechanisms in sport. The aim of the study is to evaluate the effects of sports, sports education, technological uses, and their effects on sports education. The study is a descriptive one based on qualitative research methods. Document review has been implemented as a data collection method.

INTRODUCTION

Sport is the whole of the efforts to protect the soul and body health of the individual, to maximize the feelings of struggle, excitement, competition and overcoming and personal achievement within the framework of certain rules (Aracı, 1999). Sport is physical, mental and spiritual activities that aim to achieve the satisfaction of one's subconscious emotions, such as winning and being successful, with certain rules, based on competition, having socialization and integration effects (Şahin, 2006). Sport first began its formation in Ancient Greece. The sports activities that have evolved from those days to the present are fusing the youth of the world together and enabling them to struggle with the spirit of

fair play between them. With all these aspects, sport has gained great importance in the last century with its cognitive, affective and psychomotor contributions to the education of individuals and has become a part of human life. The importance of sports sciences has increased at the same rate in the present day in which economic, political, social and psychological dimensions of sports have more places in human life day by day. This importance has brought with it many innovations.

One of the most important features of today's world is experiencing rapid technological changes. These rapid changes naturally create changes in society's structure and living conditions. Having developed especially in the twentieth century, technology is of great importance for bringing developments and innovations in the world to people as soon as possible through mass media. These developments have interacted with many areas of the sport (Argan & Katırcı, 2002).

The levels of development of contemporary societies are often measured by the science and technology they produce. This can only be achieved through education. In this sense, the rapid advances in science and technology experienced in recent years and the prevalence in practice are also closely related to the presence of creative producers and consumers, grew by advanced educational systems.

Information and communication technologies are all kinds of audiovisual, printed and written instruments that enable information to be reached and created. The oldest information technologies are books and print publications (Çavaş et al., 2004). Rapid advances in computer technologies affect every aspect of our lives and leave us in a position to adapt to this new situation. In other words, individuals need to have the necessary knowledge, skills and attitudes to adapt to the life of society developing with technological advances. This case is possible with individuals receiving training in which technology and especially computer technologies will gain the competencies predicted (Uluğ, 2002). In recent years, information technologies, especially personal computers and the internet have become widely used in education and training, as in all areas of our lives (Turan & Çolakoğlu, 2008).

To have knowledge in today's technology and management approach is important but not sufficient alone. The important point is that the information is shared as soon as it is needed within the organization (Tecim & Gökşen, 2009). The future individual model should be able to reach the information he/she needs by using information and communication technologies, to be able to question and evaluate the information reached. In this respect, future generations should be educated in order to make effective use of information and communication technologies (Özmusul, 2008). As in many fields, it is undeniable fact that the use of information and communication technologies is important when information flow is provided in teaching and learning processes in sports education as an indispensable element of general education. Sport has gained great importance in the last century with its contributions in cognitive, affective and psychomotor aspects in the education of individuals and has become a part of human life (Mirzeoğlu, 2003). In order to be successful and to catch up with competition in the sport field which has become a big sector today, education to be given to future generations must be given in accordance with the requirements of the age, in order to provide maximum benefit from information and communication technologies. The use of information and communication technologies is gaining importance in the preparation of web-based distance education and in the teaching activities especially during the training process.

Innovations in information and communication technology are effective in education as in all fields. The educational environment changes rapidly with these technologies. It is inevitable that the renovation of the educational tools and equipment together with these innovations in technology will be able to respond to the needs of the day. The transformation of the technology used in the field of education into an advanced modern technology is among the top priority issues (Karasar, 2004). Many countries

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