

MODALITIES TO MAKE UNIVERSITY EDUCATION MORE EFFICIENT

Nicolae Nicoara^{*}, Alexandra Pop^{**}, Alexandra Andreescu^{***}, Nicoleta Piscoi^{***}, Bianca Andreica^{***}

^{*} University of Oradea, Faculty of Medicine and Pharmacy, Department of Morphological Disciplines, Oradea- Romania, 1 Universității St., 410087

^{**} (corresponding author) University of Oradea, Faculty of Medicine and Pharmacy, medical student alepop95@yahoo.com, Piata 1 Decembrie nr.1

^{***} University of Oradea, Faculty of Medicine and Pharmacy, medical student

Abstract

Pedagogy is nowadays in an accelerated development due to the entry into the information age and the need to create efficient ways of passing information from one generation to the next. Studies on the most effective teaching methods highlight the superiority of modern teaching methods over traditional ones. Modern methods are, on the other hand, only possible through the technological advancement of the last decades that led to the digitization of information and its spread across the planet via the Internet.

Key words: Pedagogy, teaching methods, technological advancement

Introduction

High education is the most elaborate method of transmitting information for the training of highly qualified individuals in order to activate on the complex market of modern society. (Hu, 2001) Modern pedagogy continues to discover new ways of transmitting information to younger generations so as to keep pace with the progress made in all domains. (Kebritchi, 2008) Particularly for today's society, it is becoming increasingly important for the formation of new specialists. Selecting relevant information is an extremely important task of higher education to enable the training of specialists able to work and progress rapidly in their field of activity. (Anderson, 2003) The digitization of information is the most important progress since the last time and it is also possible to access almost instantly and anybody in the world database. (Anderson C. L., 2011) Scientifically teaching methods also represents an important breakthrough to compare the effectiveness of different teaching methods, so choosing the

best or improving ones. (Eisenhart, 2005) Knowledge of memory function is extremely important, allowing understanding of the many mechanisms involved in storing and memories. (Evans, 2000)

Material and method

High medical education is one of the most difficult forms of education because of the large amount of information, the accuracy required for applying information, the short relative time available, and the extremely rapid discoveries that are made in this area. (Maran, 2003) The use of digital images is one of the biggest acquisitions in the last years, allowing more effective learning of materials that have a lot of information like anatomy. (Ruiz, 2006) The difficulty and the multitude of terms make the anatomy to be one of the heaviest subjects in medical higher education. (Bradley, 2006) Thus, for the teaching of the efficacy it is necessary to simplify the information and to associate it with images thus allowing a better fixation of the information in the long term. The flash-card method is, according to some studies, the most efficient teaching method for the time being, allowing for the efficient accumulation of new information. (Trelease, 2008) Taking into account that the long-term memory to form has to do with the limbic system that is responsible for emotional activity and this must be taken into account in the teaching process. Thus a pleasant and friendly environment must be maintained. Various activities are also needed to prevent boredom and capping, allowing learning in a proactive way.

Results and discussions

Medical education due to its increased complexity as a quantity of information and difficulty requires the creation and adoption of teaching methods to cope with the advances in this field. The digitization of information is the most important element introduced in the last period of access to information of any kind in instantiation. Adopting teaching methods that have proved effective is necessary. The flash-card method is considered after some studies the most effective teaching method pertaining to the quick and efficient acquisition of new information. In medical education, this method can be applied in the field of anatomy. This method can be applied by using digital images and attaching pictures together as a precise text on the terms to be taught. Altering teaching activities allows

methods to be assimilated by several methods that make them better fixed. This allows students to briefly prepare their presentations to look for multiple bile sources and repeat topics at regular intervals. (Glover, 2010) The emotional atmosphere should be stressful as much as eliminated considering the limbic system that is the emotional creature is strongly involved in the fixation of long-lasting emotions. Tests must be announced in advance so there is enough time to prepare and eliminate stress as much as possible.

Conclusions

University education represents the most complex didactic activity existing in the present mint

Today's pedagogy has to cope with the enormous amount of existing information and create effective teaching methods to make higher education as effective as possible.

Effective teaching methods must take into account multiple aspects involved in setting information and understanding.

The information should be simplified as much as possible to make it easy to understand.

Repetition is absolutely necessary to fix long-term information.

One of the most important parts of the human brain involved in the fixation of long-lived information is the limbic system or the emotional brain.

The flash card method allows the information to be transmitted in a simplified and easy to fix way, being considered the most effective learning method at present..

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