

USE OF MODERN PEDAGOGICAL TECHNOLOGIES IN TEACHING THE SUBJECT OF DENTAL ANATOMY

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Abstract

Dental anatomy is an important part of dentistry and medicine and is important for the health and general well-being of the human body. Teeth play an important role not only in digestion, but also in speech, facial expressions and overall aesthetics. Therefore, the process of teaching dental anatomy is very important for students and practicing dentists. Modern pedagogical technologies play an important role in improving the quality of teaching and improving the level of students' learning in this process.

Keywords: Anatomy of teeth, modern technologies, interactive methods, online resources, video materials, virtual simulations.

Introduction

Modern pedagogical technologies help to make the teaching process more interactive, interesting and effective. These include multimedia educational materials, virtual simulations, online courses and interactive games. With these technologies, students can be given a deep and comprehensive knowledge of dental anatomy. Multimedia educational materials, such as videos and interactive graphics, can be very useful in teaching dental anatomy. Through the videos, you can give instructions about the structure of teeth, different types of teeth and their functions. Interactive graphics allow students to see and understand the anatomy of teeth with their own eyes. With the help of these materials, students will better master the anatomy of teeth and will be ready to apply their knowledge in practice.

MATERIALS AND METHODS

Virtual simulations also play an important role in teaching dental anatomy. These technologies allow students to see and study real teeth during the dental study. For example, through virtual simulations, students can study the structure, position and function of teeth. As a result, students learn the anatomy of teeth more deeply and practically. Online courses and platforms are also effective tools for teaching dental anatomy. Teachers can place their classes on online platforms and create a comfortable environment for students. Students have the opportunity to view lessons and consolidate their knowledge at any time. This, in turn, increases the effectiveness of the teaching process. Interactive games can be a fun and effective way to teach dental anatomy.





Students can make the learning process more fun and interesting through games. For example, through games, students can learn about different types of teeth, their functions, and their location. This makes the learning process more interactive and interesting. The use of modern pedagogical technologies in the teaching of dental anatomy not only makes the teaching process effective, but also increases interest among students. Teachers can make their lessons more interesting and interactive by using modern technology. This helps to increase the level of knowledge acquisition among students.[1]

In addition, modern pedagogical technologies allow teachers to plan and organize their lessons more effectively. Teachers can combine multimedia materials, virtual simulations, and interactive games in lesson planning to provide comprehensive and engaging learning to students. This makes the teaching process more effective and interesting. The use of modern pedagogical technologies in the teaching of dental anatomy also improves the interaction between teachers and students. Teachers will be able to interact with students in an interactive way. This increases opportunities for knowledge exchange and mutual support among students.[2]

RESULTS AND DISCUSSIONS

Modern pedagogical technologies play an important role in making the educational process more effective and interesting. The use of modern technologies in the teaching of complex subjects such as dental anatomy significantly improves the learning process of students. Modern pedagogical technologies make the teaching process interactive. Traditional teaching methods often involve passive teaching, which can reduce interest and motivation for students. With the help of modern technologies, for example, virtual simulations and interactive programs, students will have the opportunity to apply their knowledge in practice. This makes the teaching process more interesting and effective. When studying the anatomical structure of teeth, students have the opportunity to see and study them in practice, not just theoretical information. Visualization options are very important in the study of dental anatomy. Visual materials are necessary to have a clear idea about the teeth, their structure and functions. With the help of graphics, diagrams, videos and 3D models, students can better understand the structure and function of teeth. These visual cues make complex concepts easier to grasp. This is especially important for visual learners because they learn best by seeing. Using 3D models to provide information about various structures in dental anatomy, such as parts of teeth, their location and function, will be more interesting and understandable for students.[3]

Modern pedagogical technologies provide an opportunity to gain practical experience. In the study of dental anatomy, students have the opportunity to study real teeth and see their anatomical structure in practice. For example, with the help of virtual laboratories, students can study the structure of teeth, analyze them and conduct practical experiments. This helps in applying theoretical knowledge to practice and makes students more engaged. Students gain a deeper understanding of the material they are learning by seeing it in practice. Modern technology gives teachers more options in preparing their lessons. Teachers can easily create and use educational materials prepared with the help of modern technologies. This helps to organize the teaching process more efficiently. Teachers can enrich their lessons with various multimedia materials, which will be interesting and useful for students. The use of modern technologies in the preparation



of educational materials for teachers creates an opportunity to make their lessons more effective and interesting. Modern pedagogical technologies improve communication opportunities. Improving communication between teachers and students is done with the help of modern technologies. Teachers will have the opportunity to interact with students in an interactive way, which will facilitate knowledge sharing and mutual support. Students have the opportunity to ask their questions and get quick answers from teachers, which makes the teaching process more efficient. Interaction between teachers and students creates an opportunity for students to express their ideas and get help from teachers.[4]

CONCLUSION

In conclusion, the use of modern pedagogical technologies in the teaching of dental anatomy makes the teaching process more effective, interesting and interactive. With the help of multimedia materials, virtual simulations, online courses and interactive games, students better master the anatomy of teeth. Teachers can make their lessons more interesting and effective by using modern technology. This helps to increase the level of knowledge acquisition among students. With the help of modern pedagogical technologies, the process of teaching dental anatomy becomes more effective and interesting, which is important for future dentists.

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