



# The Teaching of Otorhinolaryngology Uses Innovative Educational Technologies.

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<b>ABSTRACT</b>	Innovations in education refer to the use of new approaches, methods, and technologies in the field of education or the learning process with the aim of addressing existing problems and achieving more effective results. The use of various innovative teaching methods by educators contributes to the development of students' abilities. After obtaining a diploma, education specialists develop organizational skills, clinical observations, individual psychological counseling skills, and improve their analysis and auditing skills. In the older age group, motivation to acquire new knowledge arises in situations where it is necessary to solve a problem and has practical significance.
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**Keywords:**

**Relevance of the problem.** Innovations in education refer to the use of new approaches, methods, and technologies in the field of education or the learning process with the aim of addressing existing problems and achieving more effective results. The use of various innovative teaching methods by educators contributes to the development of students' abilities. After obtaining a diploma, education specialists develop organizational skills, clinical observations, individual psychological counseling skills, and improve their analysis and auditing skills. In the older age group, motivation to acquire new knowledge arises in situations where it is necessary to solve a problem and has practical significance. Using game-based learning forms facilitates group decision-making in a created situation. By utilizing modern didactics and pedagogical

gaming methods, the teacher and student interact in a gaming process. Students come together as a group, actively interact with each other, creating a society that has its unique experience and knowledge. This use of the "learning to learn" phenomenon activates the learning process.

A seamless education system using innovative educational technologies yields significant results. The use of innovative educational technologies develops intellectual abilities and entrepreneurial skills in professionals. The traditional approach of "it may be needed" in education becomes an alternative of "it is necessary" learning. In this case, the student becomes the initiator of learning.

**"SWOT analysis" method**

"SWOT analysis" is a theoretical and practical method used to analyze and evaluate

knowledge, experiences, assumptions, processes, and the results of work in order to identify ways to solve problems, strengthen knowledge, review, criticize, and enhance analytical thinking.

In the field of medicine, the "SWOT analysis" method can be used in the analysis of diagnostic and treatment methods, as well as in the evaluation of preventive measures.

The acronym "SWOT" stands for the following English words:

- S - Strengths (strong aspects of an object or method)

- W - Weaknesses (weak aspects of an object or method)
- O - Opportunities (opportunities related to an object or method)
- T - Threats (risks or threats associated with an object or method)

Through this analysis, learners can identify both the strengths and weaknesses of a particular method, as well as its opportunities and potential risks. The "SWOT analysis" method is conducted using a table with four categories:

	Positive Factors	Negative Factors
Internal Factors	Strengths (analyzed positive aspects of the object or method)	Weaknesses (analyzed weaknesses of the object or method)
External Factors	Opportunities (analyzed potential opportunities of the object or method)	Threats (analyzed potential threats to the object or method)

The top two categories analyze the strong and weak aspects of the method or object, considering internal factors. The bottom two categories analyze the opportunities and potential risks or threats associated with the object, considering external factors.

The "SWOT analysis" method can be implemented in a group setting or individually for learners. This method helps learners

develop analytical thinking skills, strengthen knowledge, review learned topics, engage in critical analysis, and enhance their thinking abilities. The object being analyzed, whether it is a diagnostic or treatment method, is assessed through a four-category analysis.

The "SWOT analysis" method can also be applied in practical activities within the field of Otorhinolaryngology. For example:

**Theme: Audiometry**

<p><b>Positive Factors (Strengths):</b>                      Identifies the degree of hearing impairment.                      Determines the type of hearing impairment.                      1. Allows for masking of the affected side.</p>	<p><b>Negative Factors (Weaknesses):</b>                      Subjective testing method.                      Not suitable for young children and patients with mental disorders.                      1. Cannot be used for topographic diagnosis.</p>
<p><b>Opportunities:</b>                      Does not require specialized training for patients.                      Compact in size.                      Cost-effective.                      Requires less time.                      1. Information can be stored in an archive for future reference.</p>	<p><b>Threats:</b>                      Expensive equipment available only in specialized centers.                      Conducted by a specialist audiologist.                      Requires a dedicated room.                      1. Calibration of the equipment is necessary annually.</p>

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