

TECHNOLOGIES FOR DEVELOPING ANALYTICAL COMPETENCE OF MEDICAL STUDENTS THROUGH CLINICAL- DIAGNOSTIC PEDAGOGICAL METHODS (IN THE EXAMPLE OF TEACHING DERMATOVENEROLOGY).

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Abstract: *This article examines the effectiveness of clinical-diagnostic pedagogical methods in developing students' analytical thinking competence during the teaching process of dermatovenerology. As the importance of training highly qualified specialists in medical education increases in our country, analytical thinking and analytical competence are considered essential professional skills for future doctors. The research analyzes the application of clinical-diagnostic methods in teaching dermatovenerology, such as conducting clinical examinations of patients, solving diagnostic problems, and involving students in the learning process through practical exercises and simulations*

Keywords: *dermatovenerology, medical education, analytical thinking competence, clinical-diagnostic pedagogical methods, interactive teaching, simulation exercises, practical skills, analytical reasoning, educational process, medical diagnostics, professional training, medical pedagogy, professional competence.*

In higher medical education, the introduction of students to analytical activities and the formation of logical, critical and analytical thinking skills in the development of this activity constitute the dynamic foundations of their development as individuals. After all, “analytical thinking is distinguished by the fact that the conclusion drawn is substantiated along with deep, comprehensive logical thinking on any issue. Therefore, it is important to teach medical students to have a specific approach, to clearly, logically, expressively state and justify their views when introducing them to analytical activities. The level of a doctor’s thinking also allows analytical thinking to emerge as a result of the variety of knowledge. Therefore, since the middle of the 20th century, special attention has been paid to the development of analytical thinking in the pedagogical practice of Western countries. In order to substantiate the need to develop analytical thinking in future doctors, it would be appropriate to consider the content and essence of the concept of analytical thinking, its expression in dictionaries. It is also important to consider the analytical aspects of analytical thinking [1].

The term “Analytics” was firstly used by Aristotle by logical analysis to the technique as a given name used. His book " Analytics " in his work of thinking this in the way relevant two aspect : complex to the whole has was the object initially simple into parts separation and them check during thought of conduct becoming complicated to go attention is focused on ” [2].



MODERN EDUCATIONAL SYSTEM AND INNOVATIVE TEACHING SOLUTIONS

Analytical thinking is the art of analytical thinking, the ability to come to a comprehensive, clear, deep, profound, meaningful, and solid conclusion about a problem, issue, information, or event when studying it.

An analytical thinker studies the object being analyzed in detail: breaks down complex information into parts, thinks critically about each word, sentence, detail, and object, logically connects the parts, comes to an acceptable conclusion, and makes the necessary decisions.

Analytical ability owner every how event on idea while walking thing - event external meaning flight only with without limitation, its internal – inner meaning layers also to determine tries. As a result of analysis being done object on the surface surrounding concept to the surface comes . Analytical thought problem or of the matter easy and fast, correct and clear solution to be completed to provide service does [3].

This tariff based on future at the doctor analytical of thought manifestation to be as follows justification possible:

- analytical thought of thinking logic with strict connected, object clear, correct, objective, comprehensive analysis to reach aimed at mental activity is a type;
- analytical thinking – patient with relationships analysis to do, to relate to tell, to tell the past understanding , today perception to achieve, the future prophecy to make progress promising their ways designation opportunity giving productive thinking the way;
- analytical thought the doctor innovative ideas previously push, new technologies create, practice implementation to reach encouraging creative thinking [4]

Developing analytical thinking skills in students in the medical education system allows us to educate future doctors who think independently, who can quickly find a rational solution to any problem, and who are far from intellectual dependence. Therefore, among the manifestations of thinking, analytical thinking is the type that stands out for its effectiveness in increasing the erudition and intelligence of future medical workers. Because analytical thinking requires approaching the object under study from different angles, comprehensively examining its internal and external relationships, and coming to a conclusion [5].

Analytical thinking is characterized by speed of thinking, ability to approach the problem from different angles, comprehensiveness, and finding the most appropriate and effective solution to the problem. Since ancient times, people with this type of thinking have been especially valued. People who can think in this way were called analysts in ancient Greece. Since then, a specific complex type of thinking has been called analytics [6] .

In our opinion, the analytical thinking of a future doctor is prioritized by its ability to include logical thinking, speed of thinking, requiring an approach to the problem from different angles, comprehensiveness, and finding a well-founded solution to the problem. The person with such thinking will also have the ability to understand the true essence of the problem, understand its causes and consequences, and come to the necessary decision.



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