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MODERN PEDAGOGICAL TECHNOLOGIES IN TEACHING THE DISCIPLINE OF TRADITIONAL MEDICINE

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Abstract: *This article explores the use of modern pedagogical technologies in teaching the discipline of traditional medicine and evaluates their impact on educational effectiveness. The study highlights the advantages of interactive teaching methods, digital learning platforms, and scenario-based practical training. Findings demonstrate that the integration of innovative technologies enhances students' academic performance, supports the development of clinical reasoning, and increases motivation and engagement. A comparative analysis between experimental and control groups provides evidence for the superiority of modern instructional approaches in traditional medicine education.*

Keywords: *Traditional medicine, pedagogical technologies, interactive learning, innovative education, digital platforms, clinical reasoning, medical education.*

Introduction

Traditional medicine has historically played an important role in healthcare systems by integrating natural remedies, healing practices, and cultural knowledge. Today, medical education increasingly recognizes the value of teaching traditional medicine as part of an integrative approach to patient care.

To keep pace with current educational standards, modern pedagogical technologies must be incorporated into the teaching process. These methods enhance students' clinical reasoning, practical skills, critical thinking, and motivation.

This study evaluates the effectiveness of innovative teaching methods when applied to the traditional medicine curriculum. It also identifies pedagogical strategies that contribute to higher learning outcomes and greater student engagement [1, 4, 7].

Materials and Methods

1. Pedagogical Observation**.** Traditional medicine lectures, laboratory sessions, and practical classes were observed to assess student participation, comprehension, and interaction [3].

2. Surveys and Interviews. 120 students in rehabilitation and sports medicine programs were surveyed regarding the effectiveness of interactive teaching methods. Faculty members were interviewed about challenges and innovations in teaching traditional medicine.

3. Experimental Teaching Approach. An experimental group was taught using modern pedagogical technologies:

- Brainstorming;
- Cluster method;
- Case-based learning;
- Role-play;
- Moodle and Google Classroom integration.

The control group continued with traditional methods. Learning outcomes were compared using a structured assessment system [2, 6].

4. Statistical Analysis. Quantitative data were analyzed using MS Excel. Performance levels were compared in percentages between experimental and control groups.

Results

1. Academic Performance. Interactive methods significantly improved performance: 82% achievement in the experimental group, 64% in the control group.

2. Practical Skill Development. Case studies and simulations increased competencies related to traditional medicine by 28% and improved independent learning skills by 35% [5].

3. Motivation and Engagement. Survey results indicated that: 78% of students found lessons more engaging with modern methods, 72% experienced faster understanding and deeper retention.

Discussion. Modern pedagogical technologies demonstrably enrich the teaching of traditional medicine.

Interactive approaches:

- Strengthen analytical and clinical reasoning;
- Improve real-case problem-solving skills;
- Facilitate integration of theoretical and practical knowledge;
- Increase motivation and engagement.

Digital resources and online learning platforms create flexible, student-centered environments conducive to independent learning.

Role-play simulations, scenario-based training, and case-study analyses help students understand the clinical applications of traditional medicine [1, 4, 8].

The results highlight the necessity of continuous professional development for instructors to implement innovative teaching practices effectively.

Conclusion. Integrating modern pedagogical technologies into the traditional medicine curriculum:

✓ Improves academic performance,

✓ Enhances practical skills,

✓ Strengthens the link between traditional knowledge and modern medical education,

✓ Creates a dynamic, engaging, and effective learning environment.

The study recommends broader implementation of innovative, interactive, and ICT-based teaching methods in traditional medicine education.

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