

of badminton and individual athletes, there is still room for improvement in the current development mechanism of badminton. Combined with the content of educational psychology, the research has carried out research on the development mechanism of badminton and improved the strategy, and it has been proved through experiments that badminton players can obtain better comprehensive quality under the improved development mechanism, and can also alleviate their psychological anxiety to a certain extent.

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## INFLUENCE OF EMERGENCY MANAGEMENT MECHANISM OF PUBLIC SECURITY EMERGENCIES ON PSYCHOLOGICAL COUNSELING AND INTERVENTION OF COLLEGE STUDENTS

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**Background:** Public safety emergencies refer to public health events and social security events that occur suddenly, cause or may cause serious social harm and need to take emergency measures to deal with them. As a talent base for cultivating students, the university should build a campus security network, refine the level of public security emergencies, and set up a complete college emergency plan according to different levels. The establishment of emergency management mechanism and emergency disposal procedure can be considered from two aspects. Specifically, incident prevention can reduce the possibility of unexpected security incidents by formulating strict guard system, prohibiting students from carrying controlled knives, strengthening safety education, strict registration of visitors and other rules and regulations. In response to public safety emergencies, the school leaders should call the police in time for assistance. The school leaders should take effective measures to stop and subdue foreign violence, and take the safety of students as the primary task to evacuate students. In addition, the person in charge of emergency management of public security emergencies should have the psychological quality of quick response, calm and decisive, and should maintain a high alert state in his daily work.

In the face of sudden disasters, most people will have a strong psychological stress response and lead to a series of psychological crisis problems. Psychological crisis mainly comes from natural emergencies and man-made emergencies. For example, people who have experienced natural and man-made disasters may have negative emotions of psychological tension, anxiety, depression and despair. In the 2008 Wenchuan earthquake, many victims had the psychological crisis of "Post-traumatic stress disorder" (PTSD). For some people who have experienced man-made emergencies, i.e., external violence and major changes, there may be obvious negative emotions, which will affect the subsequent quality of life and work. There are three criteria for judging psychological crisis. One is that individuals have some major events that affect their psychology. Second, individuals have rapid emotional and cognitive changes, including some changes in physical behavior. Third, some of the original methods of individuals are unable to deal with emergencies or ineffective. Interventions for psychological crisis can help victims unload their emotions, rebuild their cognition and trigger action. That is to observe their emotions by describing the facts, so as to make them jump out of the negative psychological state, overcome the negative psychology, and objectively recognize the events, so as to promote the victims to solve their psychological problems.

**Subjects and methods:** The study conducted a simulation test of public security emergencies in two universities. One university as the experimental group adopted a complete and efficient emergency management mechanism, and the other university as the control group did not adopt an emergency management mechanism. By comparing the psychological state of students in two universities after experiencing public security emergencies under different emergency management mechanisms, this paper explains the impact of emergency management mechanism of public security emergencies on psychological counseling and intervention of college students. The study used the psychological crisis level standard table to evaluate the students before and after the experiment, and used the level 1-5 to measure the intervention of the emergency management mechanism on the psychological counseling of college students. The higher the grade score, the better the effect of the emergency management mechanism on the psychological counseling of college students. The experimental results were statistically analyzed by Excel, SPSS23.0 and other software.

**Results:** The results of the intervention effect of the emergency management mechanism on the psychological counseling of college students are shown in Table 1. It can be seen from Table 1 that the college students who adopt the emergency management mechanism have a stable psychological state and no obvious psychological crisis after experiencing public security emergencies. The grade index of the

intervention effect is evaluated as 4, which is significantly higher than those who do not adopt the emergency management mechanism. It shows that the emergency management mechanism can effectively dredge the negative emotions of college students.

**Table 1.** The effect of emergency mechanism on students' psychological counseling

Group	Control group	Experience group
Evaluation series	1	4

**Conclusions:** It is precisely because of the unpredictable characteristics of public security emergencies that a complete emergency management security mechanism should be established in all public areas to prevent them. College students have not yet had a sound psychological structure, and their psychological structure is vulnerable to interference and damage from the external environment, especially after encountering sudden safety events, they are more likely to have a psychological crisis. Therefore, colleges and universities should put students' physiological safety first and establish an efficient and complete emergency management security mechanism.

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## RESEARCH ON THE POSITIVE IMPACT OF COLLEGE EDUCATION INFORMATIZATION MODEL ON COLLEGE STUDENTS' MENTAL HEALTH

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**Background:** With the deepening of the practice of Internet technology in various industries, the changes in the teaching industry are also going on steadily. At the same time, due to the continuous expansion of the teaching content of universities, the phenomenon of cross regional study of college students is becoming more and more common, and the information management of students should also be carried out under a more intelligent platform. Therefore, the informatization reform of teaching management in colleges and universities is imperative. However, in the face of the widespread learning pressure and employment anxiety of college students, the reasonable reform and strategy optimization of university education informatization model should be carried out under the guidance of specific theories. The large-scale positive psychology research movement rose at the end of last century. Because of its wide range of theoretical research objects and the endless mental health problems faced by modern people. The theory of positive psychology has developed rapidly in a very short time. Nowadays, systematic scientific research has been formed on the positive psychological role and positive guiding force of contemporary people. Therefore, the information-based reform of teaching management in colleges and universities can also be carried out under the guidance of the theory of positive psychology. The research objects of positive psychology are mainly divided into three aspects: positive emotion, positive personality and positive guidance of social organization system. As for the reform of college education informatization model, the guidance of students' positive emotion, the mitigation of negative emotion, the establishment of students' correct values and the improvement of personality, as well as the intelligent management of college organization and college service facilities are all within the research scope of positive psychology. Therefore, the improvement of teaching informatization mode in colleges and universities can specifically improve students' interpersonal communication ability, and use intelligent algorithms to process students' learning information to implement personalized classroom, so as to teach students according to their aptitude. In addition, the school can provide psychological counseling and team management services. Finally, the construction of school environment and learning atmosphere is also indispensable. A good environment and learning atmosphere can improve students' adaptability and learning enthusiasm.

**Objective:** This research is based on the analysis of the theory of positive psychology and the current situation of information-based teaching mode in contemporary colleges and universities, and seeks the consistency goal between the two. By analyzing the mental health problems faced by students and various measures of information-based teaching in colleges and universities, the purpose of the research is to solve the negative psychological factors such as students' negative emotions and employment pressure in their study and life through the optimization of educational information-based model in colleges and universities.

**Subjects and methods:** The research objects of this experiment are two homogeneous classes in a