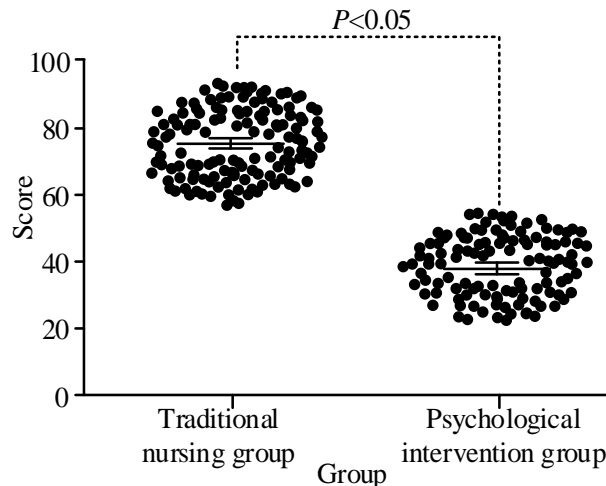intervention group.

Conclusions: With the continuous degradation of the body tissue morphology and organ function of the elderly, it has a high risk of surgery. Laparoscopic surgery is widely used in abdominal surgery of the elderly because of its advantages of less surgical injury and less stress response. However, most of the elderly lack professional medical knowledge and their psychological tolerance is weak. Psychological intervention for the elderly before laparoscopic anesthesia surgery can effectively dredge their negative emotions with the help of cognitive intervention and emotional intervention, and help them improve their psychological level and surgical safety. Therefore, in future clinical treatment, we should pay attention to the psychological intervention of patients.

Figure 1. Statistical difference of anxiety scores between traditional nursing group and psychological intervention group

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EVALUATION OF INTERVENTION EFFECT OF ENGLISH ONLINE TEACHING ON STUDENTS' COMMUNICATION ADAPTATION DISORDER

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Background: Communication adaptation barriers refer to different types of obstacles caused by the influence of information sender, information receiver and information transmission channels in the process of information transmission, resulting in problems such as information difference and information delay, which affect people's communication and communication. The expression ability, emotional tendency and thinking logic of the sender of information will affect the integrity and smoothness of information in the process of transmission, and different individual differences make their information screening ability and psychological status level show different behavioral characteristics in the process of information reception. The information media channel can effectively connect its information sender and information receiver, and speed up the circulation and transmission of information. The smoothness of the media channel and the perfection of the mechanism will affect the timeliness of information communication and ensure effective communication between individuals and groups. The differences of thinking mode and cultural background will make people have certain deviations in the logic, fluency and accuracy of language habits when expressing information, and this deviation can be adjusted and improved through independent training and later learning practice. The process of communication adaptation is the process of thinking presentation. Generally, it is a subjective and dynamic process, and it is very vulnerable to the influence of external environmental conditions and the goal of value pursuit. The process of communication adaptation driven by different behavioral motives will deviate from the actual objective information. As a practical and applied language, English course learning not only requires students to master basic theoretical knowledge, but also requires them to have good English expression level and communication ability. However, the traditional offline English teaching ignores the oral expression and communication ability of English majors too much, which makes it more difficult for students to learn English communication ability in the absence of internal

cultural connotation and language background, which makes it easy for students to have communication adaptation obstacles, and then dare not communicate in English, resulting in relevant psychological problems. Online English teaching broadens students' access to English resources and reduces the classroom embarrassment of students' English communication. Therefore, exploring the intervention effect of English online teaching on students' communication adaptation barriers has important practical significance and value.

Objective: Based on the understanding of the characteristics of English teaching and students' communication adaptation barriers, this paper explores the impact mechanism of online teaching on students' learning emotions and psychological problems from the perspective of communication adaptation barriers, and compares it with English online classroom teaching, so as to better alleviate the negative emotions of students with communication adaptation barriers.

Research objects and methods: The research first makes statistics on the current situation of English teaching and psychological problems of 600 English majors in different grades in a university, then selects students with communication adaptation barriers as the research object, and explores the intervention effect of English online teaching on students' communication adaptation barriers.

Method design: Then the subjects were randomly divided into online English teaching group and offline English teaching group to explore the psychological improvement of students with different degrees of communication adaptation disorder after three months, such as semantic ambiguity, correct and wrong use of grammar, and explore the improvement of online teaching on students' communication adaptation disorder with the help of association rule mining algorithm.

Methods: The association rule mining algorithm was used to analyze the correlation between communication adaptation disorder and English online teaching, and the statistical analysis tool was used to process and analyze the data, and the experimental results were obtained.

Results: English online teaching gave the students more autonomy and practical innovation in the search of teaching means and teaching resources, overcome the fear of English communication of students with communication adaptation obstacles, and effectively improved the students' learning effect and mental health level. Table 1 shows the scores of students' communication adaptation barriers before and after online English teaching.

Table 1. Statistics of scores of various dimensions of students' communication adaptation barriers before and after English online teaching

Psychological barrier dimension	Before	After
Barriers to knowledge understanding	26.3±2.4	14.7±2.6
Information cognitive impairment	31.2±2.9	13.1±2.4
Language expression disorder	27.4±2.3	10.4±3.8

Conclusions: Language and cultural differences and the neglect of traditional offline English teaching on students' English practical ability often led to the phenomenon of "language inferiority" or "language embarrassment" in the process of English learning, resulting in communication and adaptation obstacles, which further affect the learning quality and mental health. From the perspective of communication adaptation barriers, exploring the improvement of students' psychological status in English online classroom will help to grasp students' dominant position in teaching, pay attention to their psychological status and level in the teaching process, and improve their communication and expression ability.

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THE INFLUENCE OF COMPUTER NETWORK SECURITY DATA ENCRYPTION TECHNOLOGY ON INTERNET ANXIETY PATIENTS

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Background: The development of Internet technology is getting better and better. For patients, various complex and high-tech Internet technologies make them feel novel and enjoy the convenience brought by the Internet, but they are also worried about the hidden dangers on the Internet. Internet fraud occurs frequently. Many people have been cheated a lot of money through the Internet, but people don't know how to prevent it. They are afraid that ill-intentioned people steal their personal information through the