

state for a long time, occasionally of abnormal psychology and behavior and mild mood disorders, such as can return to normal, will not be considered as mental health. The evidence. Therefore, the study of freshmen mental health can effectively relieve anxiety and other psychological states, improve the quality of life of college students.

Study design: Stratified cluster random sampling method was used to investigate 1000 college students. Ten universities were randomly selected, and 100 freshmen from different majors were randomly selected. 1000 questionnaires of optical mental health status were distributed, and 964 valid questionnaires were collected.

Methods: Statistic the mental health status of college freshmen by Excel.

Results: The degree of anxiety of college freshmen is much higher than other psychological factors, indicating that college freshmen have poor adaptability, so anxiety is more obvious, usually manifested as easy to get excited, upset, anxiety, often feel dissatisfied with their own situation. Therefore, by understanding the distribution of variables in the cluster, we can find out the possible psychological problems of college freshmen in time, and carry out the mental health education for college freshmen in a targeted way.

The survey results, use 1-5 five quantitative values of the influence of specific factors, 1, 2, said a little impact, affecting general said, 4 say, obvious effect of five said the full effect, in order to reduce the subjective causes bigger error during evaluation, evaluation value and take 1000 students take average, calculated results determine rounded way, The specific statistics obtained are shown in Table 1.

Table 1. Mental health status of college freshmen.

Factors	Depression	Anxiety	Low self-esteem	Fear
College freshmen	4	5	3	3

Conclusions: It is a useful discussion to apply the method of cluster analysis to the evaluation of college students' mental health problems. By empirical shows that mental health information database, data mining and clustering analysis can find out in the mixed data regularity of college students' mental health, found that the main problems in time, targeted to carry out mental health education for colleges and universities, improve the level of college students' mental health has provided the theory and practice of reference.

* * * * *

THE SUPPORTIVE EFFECT OF MEDICAL INSURANCE ON THE TREATMENT OF CENTRAL NERVOUS SYSTEM DISEASES

Xue Dang¹ & Ying Deng²

¹*School of Economics, South China Business College Guangdong University of Foreign Studies, Guangzhou 510545, China*

²*Oncology Center, Sichuan Provincial People's Hospital, Chengdu 610072, China*

Background: Clinical psychology is not only one of the main courses of psychiatry, but also the professional basic course of clinical psychiatry in the future. Clinical psychology is a branch of psychology that applies the principles and procedures of psychology to understand, predict, intervene and study intellectual, emotional, psychological and behavioral problems at the individual level. Degenerative diseases of central nervous system and hereditary diseases are the difficulties in clinical treatment. Since drug treatment is only symptomatic treatment, nerve tissue transplantation becomes the most promising alternative to treatment. The discovery of stem cells in the central nervous system has led to a new understanding of neural regeneration. Tracing the psychological reasons of psychological abnormalities began with Freud. This model of psychological abnormalities emphasizes the importance of dynamic factors, that is, normal and abnormal personality are the result of the conflict between conscious and unconscious desire or instinct. However, it is difficult to obtain adult neural stem cells, and there is a certain risk of obtaining neural stem cells from living tissue, and xenotransplantation is prone to rejection. Therefore, a new approach must be explored. Neurological diseases cause neurocognitive impairment in patients. At present, the research on cognitive impairment of mental disorders mainly focuses on the fields of memory, attention, executive function, social cognition and so on. In recent years, it has been found in experiments that mesenchymal stem cells in bone marrow can differentiate into neurons, glia and other nerve cells under certain induction conditions. As donor cells, mesenchymal stem cells in bone marrow have incomparable advantages compared with embryonic stem cells and neural stem cells: bone marrow cells can be easily

obtained from adults with little damage to adults; Autologous transplantation overcomes the ethical and immunological problems associated with the use of fetal tissue and offers great promise for the treatment of neurological diseases such as stroke, trauma and Parkinson's disease.

The treatment of central nervous system diseases needs a lot of time and money, and medical insurance can effectively guarantee the treatment of patients and provide support for the treatment of central nervous system diseases. Insurance of primary medical treatment is a social insurance system that compensates laborer because of the economic loss that disease risk causes. Pay cost through unit of choose and employ persons and individual, establish fund of medical treatment insurance, ginseng protects personnel to fall ill to see a doctor after producing medical treatment charge, give certain economy compensation by organization of medical treatment insurance agency, in order to avoid or reduce laborer because of fall ill, the economic risk that the place such as treatment brings.

Objective: With the rapid economic development, people have high requirements for the quality of life; however, the more serious market competition, the greater the pressure on people's lives, and health has become one of the most concerned issues for people. Diseases not only bring harm to people's bodies, but also bring a great economic burden to their families. Mental illness: also known as mental disorder, it refers to a kind of disease caused by psychological dysfunction caused by various factors, resulting in abnormal mental activities such as perception, thinking, emotion, behavior, will and intelligence, which often needs medical intervention and treatment. Identifying the prodromal symptoms of mental diseases is of great significance for early diagnosis and intervention. Therefore, the impact of the disease has received widespread attention. The reasonable medical financing mechanism of medical insurance and a stable source of medical expenses can effectively guarantee the treatment of patients with central nervous system diseases.

Subjects and methods: Medical insurance is an important means to promote social civilization and progress. The social system of medical insurance and social mutual aid and mutual aid both share the risk of medical expenses among the insured persons, which embodies the new social relationship of "difficulties on one side, support from all sides", which is conducive to promoting social civilization and progress. Select 1000 patients with central nervous system disease treatment as the research objects, divide them into experimental group and control group, and compare and analyze the experimental data before and after the experiment. The data analysis method was used to study the quality of life of 1000 patients before and after the experiment. In the survey results, five levels from 0 to 4 are used to quantify the impact of specific factors. 0 means irrelevant, 1 means slight influence, 2 means normal influence, 3 means obvious influence, and 4 means sufficient influence.

Study design: (1) Before the experiment, the experimental group and the control group were separately investigated for disease expenses and current living standards;

(2) Start the experiment. The patients in the experimental group are those who have participated in medical insurance, and the patients in the control group have no medical insurance;

(3) After the patient is cured, research and analyze the family situation again;

(4) Compare the data before and after the experiment, and analyze the differences between the subjects before and after the experiment.

Methods of statistical analysis: The SPSS software was used to make statistics and analysis on the original data of the two surveys to test the changes in the treatment costs of the experimental group and the control group before and after the experiment.

Results: Comparing the disease treatment costs of the experimental group and the control group before and after the experiment, the experimental results of the average score are shown in Table 1.

Table 1. Comparison of the living standards of the two groups before and after the experiment.

Group	Before and after the experiment	Treatment effect	Family level	Quality of Life
Test group	Before the experiment	0	3	3
	After the experiment	4	3	3
Control group	Before the experiment	0	4	4
	After the experiment	4	3	2

The living standards of the patients in the experimental group changed significantly before and after the experiment. According to the change in the mean, the quality of life and family level of the patients with medical insurance did not drop significantly after the operation. However, patients who do not have medical insurance spend a lot of medical expenses during the operation, resulting in different degrees of decline in the family level and quality of life after the operation.

Conclusions: Medical insurance is conducive to improving labor productivity and promoting the development of production. Medical insurance is the inevitable result of social progress and production

development. In turn, the establishment and improvement of the medical insurance system will further promote social progress and production development. On the one hand, it alleviates the worries of workers who have no money for medical treatment after illness, so that they can work with peace of mind, which can increase labor productivity and promote the development of production; on the other hand, there is a guarantee that effectively promotes the physical and mental health of workers and ensures the normal reproduction of labor. Medical insurance provides financial assistance to patients, helps to alleviate social instability caused by diseases, and is an important mechanism for regulating social relations and social conflicts. Medical insurance regulates income differences and reflects social equity. Medical insurance adjusts income differences by collecting medical insurance premiums and reimbursing medical insurance service fees, which is an important means of government income redistribution.

* * * * *

ENVIRONMENTAL DESIGN FROM THE PERSPECTIVE OF ART DESIGN PSYCHOLOGY

Xiaorui Geng

College of Cultural Relics and Art, Hebei Oriental University, Langfang 065001, China

Background: Design refers to the process of creating goals and plans to meet human emotional or material needs. It can be a verb or a noun. It pursues not only the technical level, but also includes artistic factors. The design is immersed in people's lives and serves people's lives. Design psychology is a branch of applied psychology and a discipline based on it. It is a science that summarizes and summarizes people's thoughts, emotions, and conscious thinking, and makes them work in design. With the development of technology and art, after the 1990s, art and design psychology began to be used as an independent branch of discipline. Psychology attaches importance to and reflects people's needs, so it cannot be ignored. Because some general principles and behavior habits of the human brain determine how people respond to design and interact with each other.

Environmental design is a complex practical design subject, covering a wide range of fields, including architecture, environmental ecology, urban planning, behavior, and so on. Use certain principles or techniques to artfully divide and process the overall space of the objective environment. It uses design language such as decoration, enclosure, layout, lighting, etc., as well as the configuration of sketches, nodes, plants, etc., so that the interior and exterior spaces of the building can meet the functional requirements of the building, and present a specific style to create a special the role of atmosphere. The spatial environment is an infinite extension of the scale and scope of people's lives. An overall environmental level can greatly affect people's sensory experience, emotional changes and even behavioral activities. Therefore, environmental design has always followed the "people-oriented" law. Mastering the changes in people's cognition and emotions is extremely important to the establishment of a good spatial environment. Psychology is indispensable in design. It is an eternal theme to show humanity and be close to nature.

Objective: With the continuous improvement of current social and economic development, people's basic living material conditions are adequately guaranteed. At the same time, material guarantee has also brought increasing anxiety and challenges. In the large environment, in the face of intense high-pressure work and complicated learning tasks, people have begun to pay more attention to the placement and venting of the inner spiritual world. Therefore, from the perspective of design psychology, it is important to dig out its role and significance in the development of environmental design.

Study design: Social needs and respect needs should be analyzed in design. For example, squares, parks, lounges, etc. provide spaces where people interact with each other and need an open and pleasant atmosphere to meet the needs of interaction. While emphasizing functionality, a private space is set aside, allowing people to freely control their personal areas without interference. The highest level is the need for self-realization, that is, through the pursuit of inner ideals to obtain self-affirmation and generate a sense of belonging and value. Randomly distribute 1,000 questionnaires on the impact of urban environmental design on the spiritual world of residents. A total of 1,000 copies were issued, 973 copies were recovered, and the number of valid copies was 961.

Methods: Use Excel to calculate the impact of environmental design on residents' psychology.

Results: Under the background of harsh environment and relatively scarce resources, the design concept of returning to the basics and "people-oriented" has always run through the artistic language of urban design. The color design can alleviate the depression and anxiety of the residents, so as to soothe their hearts. The ingenious use of lighting equipment can make people not have negative emotions such as depression, dullness and seriousness when they are in a closed environment, and it has the most direct effect on people's