

Assessment of economic efficiency of medical college

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Abstract

Advanced medical colleges have insufficient material resources and excess human resources. Administrative and logistics personnel are too many. The combination and cooperation of different departments are not reasonable. These are the most important factors affecting the efficiency and efficiency of Chinese advanced medical colleges. The efficiency evaluation of advanced medical colleges mainly assesses the economic efficiency of the college, the efficiency of personnel of different departments in the college and the factors that influence the efficiency.

Key words: *assessment; economy; efficiency; medical college; advanced education*

1 Introduction

Since the reform and opening, the demand of the people for the advanced education has been increasing and has become the popular desire of the general family. However, the popularization rate in our country is far lower than that in developed countries. For a long time, education has been regarded as a public cause of which funding is only from state funding, including the advanced education ¹. This system, which is dominated by public universities, plus the difficulty of running education in the relative poor state, has become a hindrance to develop of higher education in China ². The medical colleges and universities can adopt the economic reform of the public funds and the state-owned privately-running system. It can also be financed by various aspects of society, in the form of joint-stock cooperation in running schools, and implementing the public assistant and private system. It can also be funded by the public and has a private system. Therefore, it is necessary to assess the economic efficiency of education ³.

2 Medical education should be advanced economic development

2.1 Education is the basic of developing knowledge economy

In this era of knowledge economy, input of medicine education must be increased to establish the strategy of moderately advanced development of medical education ⁴. The moderately advanced development of the education of medical science is that education of medicine is advanced to the level of economic development, which is the first step to realize the modernization of education ⁵. According to the current high medical education and social economy sustainable development, some contradictions exist. Advanced education of medicine must carry on new ideas, new ideas, new steps and new development goals.

2.2 The reform of the advanced educational economy

The nation must attach great importance to medical education and take strong measures to ensure that the growth of the medical education funds, that is, the funding growth in medical education of the central and local government should be higher than their regular revenue growth. The teachers' salaries and the average public expenditure per medical student in medical colleges and universities should increase year by year ⁶. Special appropriation mode of education should be continued to intensify investment and support, promote and guide the basic education, involving medical vocational education, advanced medical education and other implementation of the key projects ⁷. We will formulate relevant regulations and preferential policies to develop the education market for non-compulsory medicine education, encourage social forces to run schools in various forms and operate in an industrial manner [8]. We will fully use fiscal, financial, credit and other means to improve the financing capacity of education.

3 Assessment and improvement of educational efficiency

In other operating conditions limited, the teachers' structure of advanced education institutions will decide the institution to complete the task of teaching. The quality and quantity of scientific research and social services decide whether teachers' structure is reasonable ⁸. It is the teacher' professional title structure which plays the leading role and reflects the academic level of teachers, teaching level and the ability of teachers' responsibilities ⁹. Research different title teacher portfolio allocation efficiency, analysis of the present situation of higher medical colleges and universities title structure, to improve the

quality of higher medical colleges and universities education and school running efficiency is of great significance ¹⁰.

3.1 strengthening the allocation and optimizing the allocation of resources

Due to excess the manpower resource of higher medical schools, lack of material resources, capital investment output is greater than the human for person's output, at the same time, on the whole a decreasing return to scale of higher medical colleges and universities, the number of simple expansion has not increase effective output ¹¹. To adjust the structure of the investment, the new resources will be added to improve the quality of the existing manpower and the equipment and other teaching conditions. Relative to other resources, should increase the speed of the control of human resources, and improve the students' experiment, learning, such as hardware environment, the resources of higher medical colleges and universities by reasonable combination of maximum benefit ¹².

3.2 Optimizing and saving limited education resources

The teacher structure is the teaching and research needs, which has the economic significance. Because the staff of different professional titles has certain substitutability in function, in order to ensure the quality of teaching and certain output, the most economical personnel should be used. Different types and levels of medical institutions have provided the condition for adjusting the title structure and state how to make a reasonable professional title structure in the economic sense ¹³. Specifically, the universities attached to the ministry of health should lower the proportion of senior, intermediate and junior staff. Local medical colleges and universities should be equipped with the lower proportion of intermediate personnel. The medical college should properly adjust the proportion of the staff and junior staff ¹⁴.

4 Conclusions

Whether the scale of the advanced medical colleges and universities is moderate should be judged mainly by two standards. One is from the school of microeconomic perspective, whether the scale of the medical university has economies of scale, namely average volume which reaches its lowest point of the scale. The other is the macro view that the scale of the whole education of advanced medical science should be adapted to the needs of socio-economic development. When making specific decisions, the combination and unity of the two should be pursued. According to the current status of diminishing scale of higher medical

colleges and universities in our country, no matter from the micro level of the school, or from the macro level of advanced medical education, the scale of the higher medical colleges and universities in our country at present does not reach the state of moderate scale. However, whether the proper scale is smaller or larger than the moderate scale is a question and should be explored.

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