

The Acceleration of the Excellent Document Resources of Medical Colleges and Universities' Libraries Bring to Key Subject Construction

**Chengbi Zheng^{*1}, Siqin Sun¹, Jingyi Sun², Qiming Li¹,
Yu Wang², Baoliang Sun^{*3}**

¹*Library, Taishan Medical University, Shandong, China*

²*Department of Clinical Medicine, Taishan Medical University, Shandong, China*

³*Key Lab of Cerebral Microcirculation in Universities of Shandong, Taishan Medical University, Shandong, China*

Received 1 November 2014, www.cmnt.lv

Abstract

The document resources of medical colleges and universities' libraries has great function to the key subject construction and meanwhile is a main route for teachers and students to cognize the medical development at present. This paper discusses the connotation, level and mutual transformation of key subject of medical colleges, including the construction standard of excellent document resource of medical college libraries and the functions to key subject construction. It points out that document resource construction is a manifestation of strength of colleges and universities. Not to be marginalization in the key subject construction, the college must optimize the distribution of document resource and set up management council of key subject document resource. Through research of each research direction of key subject, collecting excellent document resource and reporting back to libraries of colleges and universities, colleges and universities make the document resource adequately functioned.

Keywords: library of medical college and university; excellent document; key subject construction

1 Introduction

College and university is the place where cultivates advanced talents of medicine and health, and also the medical technique support of the affiliated hospitals.

The library of medical college and university offers documental information to medical education, scientific research and medical service of the school. Document resource is an important precondition for its service [1-2]. Discipline construction and library construction are two important contents of school construction for colleges and universities. Discipline construction is the core, is important foundation for improving school construction, scientific research and community service ability as well as an important manifestation of the school-running characteristics. College library is the center of document resources of the school and also an important documental information source of scientific research and education [3]. Besides, key subject construction of medical college and university highly depends on the library, documental information resource has important document security effect on key subject constructions, and top-ranking documental information service is the essential condition of key subject development of colleges and universities [4]. He Wei [5] pointed out that, in the documental resource construction of colleges and universities, we

should focus on key subject construction of the school and optimize the system and structure of documental information resource thus form a document organization and system with characteristics. Liu Yanhong [6] suggested library as a backbone of school construction bears heavy responsibility in the key subject construction of schools, its documental resource is important support and guarantee of key subject construction and cognize the significance of enhancing the documental resource construction of key subject at the height of strategy of development of colleges and universities. But as the medical education develops, there are more types of document and improved communication methods. While more options are offered for teachers and students, researchers, and personnel of clinical medicine and health, the document became complicated, less reliable, disperse and repetitive, which makes the resource choosing harder. In order to satisfy different readers' demand for instant reading and the latest documental resource, this paper chose the latest and the most authoritative documents, strived to construct excellent document resources which has characteristics and considers the relevant discipline and offered the document resources with the most reference value in the first time, on the basis of satisfying the demand of fundamental documents.

* Corresponding author's e-mail: zcbsbl@163.com

2 The hierarchical division and document resource characteristics of key subjects

2.1 THE CRITERIA OF KEY SUBJECT STRATIFYING AND DOCUMENT RESOURCE CONSTRUCTION

To offer instant and effective document resources for key subject construction, library of colleges and universities must comprehend the levels of key subject and the function and mission of each level, as well as the criteria the related document resource construction should achieve and the structure, constituent and research direction of each key subject. Key subjects mainly include three categories: national key subjects, provincial key subjects and the key subjects of school. Among, the key subject quantity distribution on each level of each college and university is pyramid shape. It helps guarantee the preferential development of key subjects of some colleges and universities on the condition of limited financial resources and material resources. To master the levels, quantity and scale is the precondition of the relevant document resource construction of key subjects. The criteria for document resource construction of the key subjects of different levels are different: to national key subjects, the document resource construction must reach the top level of national and international professional document resource construction; to provincial key subjects, the document resource construction must reach the top level of professional document resource construction within the province or a certain area; as to key subjects of school, the document resource construction must approach the first level of the province.

2.2 ENHANCING THE DOCUMENT RESOURCE CONSTRUCTION OF KEY SUBJECTS AND CHARACTERISTIC SPECIALTIES

The basic principle of document resource construction of college or university library is to satisfy the document demand of education, scientific research and medical treatment. As the specialty settings of domestic medical colleges and universities focus on medical science and the relevant discipline, the document resource construction should center on the medical science and the relevant discipline. The specialty of different school is different, even the same specialty could be key subject or characteristic specialty of one school but ordinary discipline of another. College and university provides strong faculty, perfect facility for teaching and scientific research and high teaching quality for key subjects, and the library guarantees the excellent document resource allocation. For example, medical imaging is the key subject of North Sichuan Medical College, the relevant books and periodicals have plentiful images, bound with better papers and printed with more efforts. Though the price is high, the document collection of this specialty precedes the others even the budget is insufficient. Besides, in recent years, paper foreign language periodical of original edition in each medical library has

reduced, however, the medical science has increased some foreign language books of original edition on the basis of previous collection, which promoted the harmonious development of library collection characteristics and specialty characteristics.

2.3 SATISFYING THE DOCUMENT DEMANDS OF DIFFERENT READERS

As different readers of medical college, students, teacher, researchers and personnel of clinical treatment and health have different demands to documents. The undergraduates of key subject mainly need document for study while graduates needs documents for both study and research; teachers and researchers needs more documents for research as the learning of them are practical; the documents clinical stuff consults is partly for research and study. Different readers demand documents of different levels. So, library should refer to the school-running level, the distribution and development tendency of key subjects, make sure the ratio of document resource is reasonable, satisfy the demand of different readers and promote the construction of key subjects.

3 The Function of Excellent Document and the Method to Increase the Development Dynamics

3.1 EXCELLENT DOCUMENT IS IMPORTANT INFORMATION RESOURCE OF KEY SUBJECTS OF COLLEGE AND RESEARCH

Document resource is the precondition and basis of education and research and to some degree decides the development of the school and the value and success or failure of the research. At this stage, excellent document includes white document and grey document [9-10], which reflects the medical achievement, the latest research direction and trend; they have the function to enlighten the thoughts of teachers, researchers and doctors and to accelerate research. Normally, excellent document can be divided to positive and negative report. We can further research and explore on the basis of positive report and draw lessons from the failure and adverse impact of negative report. Through the comparison of two sides, we can avoid mistakes and make more achievement with less effort. It has great significance to education and scientific research.

3.2 IT IS THE BASIS FOR DECISION-MAKING

Excellent document can provide all kinds of medical information published and not published, including lots of information about decision-making, which has great inference value to decision maker.

3.3 SUPPLEMENT TO THE INSUFFICIENCY OF MEDICAL EXPERIMENT

For now, as some experiment equipments are too expensive, the medical experiment facility is not perfect and the demands of teachers, students and researchers for

some equipment can not be satisfied. So, the collection, development and utilization of excellent documents can supply the insufficiency of experiment, excavate the potential intelligence and information source of medical college and university and meanwhile remit the budget shortage of medical college and improve the comprehensive strength.

3.4 ENHANCE THE PROPAGANDA AND REGULATION OF EXCELLENT DOCUMENT AND IMPROVE THE OPERATION RATE

The collection of excellent document is the basis of development and utilization, the ultimate purpose is to deliver the information to readers quickly, to improve the operation rate and enhance the key subject construction. The main methods are (1) Report the new books, periodical and excellent document through college periodical and combine the main content of the excellent

document with our characteristic specialty. (2) Hold regular exhibitions of excellent document and subject periodical encourage the students to communicate face to face and promote the recognition of key subject construction. (3) Redact book catalogue for the excellent document of key subjects and let the readers comprehend the function of excellent document in minimum duration. (4) Set up various consultation services, deliver the latest medical information to readers instantly and combine excellent document with key subject construction in multiple ways. The methods mentioned above can not only combine excellent document with key subject construction closely but also spread the latest medical information to the teachers and students at the first time, meanwhile make the material in demand be found timely and quickly. The progress of excellent document collection of library is shown as figure 1:

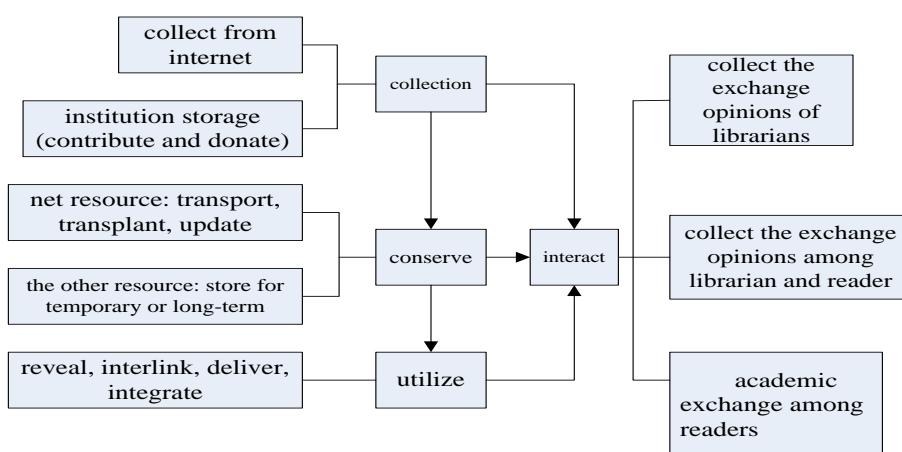


FIGURE 1: Progress of excellent document collection of library

3.5 BUILDING DATABASE OF EXCELLENT DOCUMENT AND PERFECTING SUBJECT LIBRARIAN SYSTEM

The database of excellent document can achieve area resource sharing and allow readers precisely and quickly

search the document in demand with the methods of classification, theme, author and etc., Figure 2 shows the construction mode of excellent document and describes the relation of user, librarian and document resource.

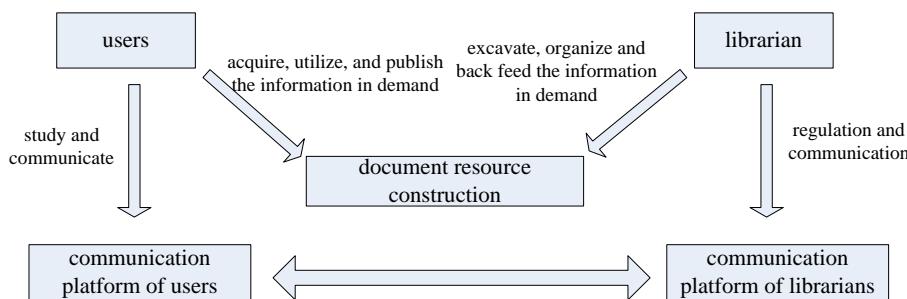


FIGURE 2: Construction mode of excellent document

At the same time, the document resource construction of medical college library should have pertinence. There must be specially-assigned person sent to the functional department which regulates the key subject construction in the document resource construction of key subject,

such as office of discipline construction and planning. Among the key subject research staff, academic leader is the centre and soul of that subject. In key subject construction, in order to offer service of high quality, the most important is to regroup the document resource

according to subject, specialty and project which offers convenience to pertinent and deep service. To set up subject librarian system is the basis of establishing excellent document resource and the subject librarian must have the knowledge of relevant subject which helps to arrange the subject information resource orderly and to provide deep information service of key subject [11]. The specific content is: (1) document tracking: the librarian of each subject should participate in relevant research group, provide document tracking service, provide potent support of document and guarantee the scientific research go well; (2)information popularization: the librarian collect, arrange, classify, conclude and process the specialized information of all kinds of carrier to document in demand, and provide them to scientific researcher; (3) specialized training: he training pertinent

to the database usage for the clinical staff and researcher can improve their ability of document utilization and improve key subject construction.

4 Conclusion

To sum up, excellent medical document is extremely important information source of medical information resource. As the library of medical college and university, it should enhance the propaganda for excellent medical document, increase the exploitation effort and let they know the significance of document. Meanwhile, library should combine the spread of excellent document with key subject construction to make the excellent document spare no effort to promote the development of key subject construction.

References

- [1] He Junqin, Liu Wei, etc 2012 The Exploration and Practice of Library Enhancing Document Resource Construction and Improving Service Regulation—Take Medical Library as Example. Collected Papers of the 13th National Medical Science Research Management Academic Conference of Chinese Medical Association and the 4th National Medical Scientific Research Management Forum in 2012.
- [2] Gao Yanxia, Zhao Lei, Chen Bolin 2011 The Information Service of Hospital Library for Medical Key Subject Construction *Medical Information* 24(7) 4081-4082
- [3] Hong Qulan 2010 Review of The Value of Academic Libraries *Library and Information* (6) 57-64
- [4] He Xiuying 2010 On Resources Construction Based on the Key Subjects Construction *Technology and Innovation Management* 31(6) 768-771
- [5] He Wei 2014 The Key Subjects Construction and Literature Organization System Construction in University *Sci-Tech Information Development & Economy* 24(15) 118-120
- [6] Liu Yanhong 2011 Document Resource Construction of Key Subject of College Library *Journal of Library Science* (2) 68-70
- [7] Huang Xiulin 2013 Service Strategy of University Libraries to Build Key Disciplinary Areas *Journal of Library and Information Sciences in Agriculture* 25(2) 152-154
- [8] Gou Zhengxian, Chen Qixun, etc 2014 Study on the Differences between Key Clinical Specialty and Key Medical Discipline *Modern Hospital Management* 12(4) 55-67
- [9] Zhu Hongyi, Bai Junli 2010 Research on Competency Model of Workers Collecting Gray Literatures in Library *Library and Information Service* 54(13) 33-36
- [10] Wang Yao 2011 The Exploitation and Utilization of University Library Grey Literature Under Digital Environment *Journal of Changchun University* 21(2) 124-126
- [11] Ma Li 2011 Establishment of Discipline Librarians System Services and the Construction of Major Subjects of University *Journal of Taiyuan University of Technology (Social Sciences Edition)* 29(3) 83-84

Authors

	Chengbi Zheng, Shandong Province of China Current position, grades: associate professor University studies: Graduate from in major of information management and system, Taishan Medical University in 2012. Scientific interest: books and information
	Siqin Sun, Shandong Province of China Current position, grades: professor University studies: Graduate from in major of clinical medicine, Taishan Medical University in 1990. Scientific interest: information retrieval
	Jingyi Sun, Shandong Province of China Current position, grades: student University studies: Studying in major of clinical medicine, Taishan Medical University. Scientific interest: clinical medicine
	Qiming Li, Shandong Province of China Current position, grades: librarian University studies: Bachelor's degree was earned in major of finance , Shandong University of Finance and Economics in 2007. Scientific interest: books and information
	Yu Wang, Shandong Province of China Current position, grades: student University studies: Studying in major of clinical medicine, Taishan Medical University. Scientific interest: clinical medicine
	Baoliang Sun, Shandong Province of China Current position, grades: professor University studies: Bachelor's degree was earned in Weifang Medical University in 1985. Scientific interest: education of clinical medicine