

MODUL FOR LEGAL REFERENCES IN MILITARY ACADEMY'S HOSPITAL INFORMATION SYSTEM

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Abstract: The term "legal information" integrates the process of producing, collecting, archiving and dissemination of legal data, facts and knowledge to inform citizens - individually and in different social groups, but mainly for officials and public authorities to develop legal science, changes in laws, regulations and proper application [5].

In this paper, we are presenting an innovative Module – part of a Medical Information System that assists taking decisions about legal cases in the medical practice.

The documents in the module are divided into thematic groups based on the following principles:

- A full range of currently valid regulations in the field of healthcare and medical services;
- Selected texts of health legislation and legal instructions;
- Synthesis of information and short description of basic procedures in the field of healthcare and medical services;
- Information (address, phone) about institutions in health and social sphere.

The Modul also contains:

1. Glossary of legal terminology of the regulations in health legislation, and such common practice to medical specialists
2. Legal definitions of concepts and terminology in healthcare
3. Articles and annotations in the so-called Medical Law
4. Selected internal acts of the employer, which govern internal departmental rules and procedures for carrying out therapeutic and diagnostic activities in the hospital.

This paper would present a cross reference according to different selections in one medical institution – on the one side – the patients' cases,

on the other – the most frequently applied legal instructions to solve the problems.

Introduction

Dynamic data life of BG-law reveals relationships between legal rules and legal facts. One of the most regulated activities in BG is the medical practice - which make doctors and paramedics constantly observed. The medical law introduces the expert views of the legislator on an issue, approved by him to achieve health goals and targets, and therapeutic effects of certain behavior. Official bodies and practioners in the health care field need clear and accurate picture of the legal standards and regulations[6].

The design and programming of the HIS in MMA in the overall concept also forces the need for Legal Unit. It provides legal knowledge and information as an essential condition for the choice of legal and law-protected decisions in the appllied field.

Computer processing of legal information is made in legal information systems, specialized in BG. When decisions are ensured with legal informatics and computer methods, and combined with those of the medical informatics, interdisciplinary achieves balance through assisted technology expertise for medical and hospital goals and objectives.

In the Hospital Complex of MMA, constructed on modular principle, are generated continuous information flows, separatte into [1]:

A) medical records, that are generated for patients, presented as information products.

B) paramedical information, governing medical services group, which includes data, facts and information: site personnel, marketing, fiscal, management, knowledge, regulations and standards, many of which are legal in nature.

They are controlled by the legal regulatory mechanisms that boundares the medical work, according to current legislation in BG. We have made selection for the normative-reference information from the Legal Information System Ciela, enforcing application of the relevant legal texts in the field of health. Their selection is consistent both with the provisions of health legislation in BG, and the frequency of their applicability in the daily activities of health professionals. Software found it easy to adapt this Legal Module (LM) to other working hospital information system, regardless of the number of workers in their specialized medical units.

By creating the Legal Module (LM) “MEDICAL”, as an integral part of the Hospital Information System of the MMA, we offer automated access to legal information, copyright structured and accessible from all other components of HIS. It combines a hierarchical and thematic basis of existing legal acts - laws, rules, regulations, instructions, practices and decisions, subject to specialized topics and case studies. Usually, the legal softwares perform standards for legal advice, in which information is presented as a tree selection decision. By building a new legal culture and new knowledge of medical staff, the module ensures direct and indirect improvement of medical work quality.

Medical users are professionals from three expert groups; each of them seeks and finds different levels of legal information [2]:

- a) The medical specialist - urgent decisions related to norms, laws, regulations and typical case studies
- b) The experts in paramedical units - according to their profile
- c) The lawyer - a quick reference to supporting information

LM "MEDICAL" provides visual and printed records of every document. Ease of operation is ensured by configuring menus, allowing setting different parameters, according to the users` preferences.

The software performs two searching mediums:

1. Local search is performed in random words in the titles of the current directory into the document text
2. Global demand - the whole database.

The components of the Legal Module are divided into 5 groups: MEDICAL STANDARDS, MEDICAL PRACTICE, MEDICAL PROCEDURES, MEDICAL GUIDE and LEGAL GLOSSARY [3].

As an example, we would present the content of MEDICAL STANDARDS:

- ACTS IN FORCE: Constitution, codes, laws, rules, regulations, instructions, medical standards
- ACTS OF BODIES: Ministry of Health, National Health Insurance Fund, Regional Health Centres of the Government, National Drug Agency
- ACTS OF EMPLOYERS: Rules for Procedure, Rules for internal labor policy, Code of Ethics and internal acts of the employer
- ARTICLES AND ABSTRACTS: Reviews, expert opinions and evaluations of complex medical cases by legal definition, health laws and etc.

The Module is implemented in practice since 2010 and consumers are asked repeatedly about the benefits of this type of information consumption.

Their answers can be generalized, that the Module supports and facilitates their daily activities for medical issues of legal nature, some of which are very urgent and often in critical situation.

The creation of LM is a necessary step, which increases the overall legal culture of medics and paramedics.

Conclusion

A significant part of professionals, working with LM today, informs that they relied on the media and the Internet for legal information, which is usually outside their workplace and it is time-consuming. 73% of the users do not trust the legal experience of their colleagues and use the presented computer model as a professional source.

The majority of nurses question and seek an interpretation by a lawyer, but firstly they search the qualified legal information from the LM, because the system guarantees knowledge and experience of lawyers with medical specialization.

The realized sociological analysis allows us to make some conclusions, concerning usefulness and practical value for medical professionals of this solution, because it stimulates their transition to medical and health well informed and protected managers.

Medicine is one of the most significant and important spheres in humans life. Medical law concerns the rights and duties of the medical profession and the rights of the patient. Combination of medicine, law and informatics provides better and more secure services for each participant in the treatment process.

References

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