

Georgian Critical Care Medicine Institute created the new management system for critical Medicine

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The main component of critical medicine is the management of critical states. Use of an optimal system of management largely depends on success achieved in the management of critical states liquidation. New system for the management is created, main characteristics of which are possibility of control on distance, simplicity and low price. This system is recommended to be used in the everyday activities of Critical Care Medicine clinics.

Key words: critical care medicine, new management system.

Actuality:

One of the most important components of Critical Care Medicine is the management of critical conditions. Moreover, the achievement of progress in the process of treatment of critical condition has dependence on an optimal management systems existence. The characteristics of critical conditions management are determined by special Properties of critical condition itself.

Namely the characteristics of Critical Care Medicine are presented as: collective work, permanent treatment, high cost of treatment technologies that have aggressive character, vital necessity and ability to take fast decisions, limited time for implementing medical treatment procedures, requirements to have physically healthy, psychologically stable, and really fully trained personal.

It is noteworthy that with this outlook old methods of management have out life sourced themselves whose ideological fundament was to have direct contact between the ruling subject and management of unites. Moreover, by using these old methods the ruling process might be implemented only during the short time period and have high expenses by fault of needs of creation of internal treatment quality control department.

Materials and methods:

There is presented the new management system for Critical Care Medicine Clinic. The main differentiation marker for this system is the ability of managing process implementation online without having restrictions in space and place of being ruling subject. The automatic regime of this system is presented with permanently working video cameras which are directed to the patient bed and to the subjects needing control. The system gives online two way audio connection ability. The

control might be produced from the clinic as well as outside it: from home, car, street even from the other country and etc. The system gives opportunity to see the control object in different ratio, close and distance vision as well as the signal is streamed into the internet and if needed the key holder can freely access the control center.

The system also gives the ability to push online information about each patient's condition as well as laboratory and other paraclinical research results. The patient history can be viewed in online regime as in parts as well as whole document. The system has automatically storing function so all data can be reviewed at any time for making scientific analyses.

Conclusions and Discussions:

The research results taken from the above mentioned system's one year explanation period, shows that the system has steady character, has easy understanding interface for use and is cheap during explanation.

Using this quality of management increases and there is no need for creation of high expenses control management department. The inventing of this system increases the coordination of the personal and gives ability to check rightful usage of medical disposables in the clinic.

The system gives the opportunity to increase significantly the studding process for students and doctors. Also gives information for more adequate keeping of the sanitary regime in needs of decreasing intra-hospital infection distribution.

The important circumstances is that the relatives of the patients have ability to see the patient treatment process and vital function condition in present time as well as visit the patient at any time of the day by using the internet connection. The system is not closed and the improvement of the system might be implemented during working process.

The system allows the doctor to make advanced concilium even by participation of foreign doctors and by taking in action this system might be constructed the national treatment management system origins.

Image of the new management system is presented at the end of the journal.

საქართველოს კრიტიკული მედიცინის ინსტიტუტმა შექმნა მართვის ახალი სისტემა
კრიტიკული მედიცინისათვის
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კრიტიკული მედიცინის უმთავრესი კომპონენტი კრიტიკულ მდგომარეობათა მართვაა. მართვის ოპტიმალური სისტემების გამოყენებაზე დიდად არის დამოკიდებული წარმატებების მიღწევა კრიტიკული მდგომარეობების ლიკვიდაციის საქმეში. შექმნილია კრიტიკული მედიცინის სამსახურის მართვის ახალი სისტემა, რომლის უმთავრესი დამახასიათებელი ნიშნებია დისტანციაზე მართვის შესაძლებლობა, სიმარტივე და სიიარვე. რეკომენდებულია აღნიშნული სისტემის გამოყენება კრიტიკული მედიცინის კლინიკების ყოველდღიურ საქმიანობაში.

გასაღები სიტყვები: კრიტიკული მედიცინა, მართვის ახალი სისტემა.

