



HEALTH AND LIFE QUALITY ASSESSMENT OF PATIENTS INCLUDED IN THE COVID-19 ELECTRONIC REGISTER

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Introduction

COVID-19 infection remains a global medical, economical and societal challenge with clinical and management challenges requiring comprehensive and relevant research.

Material and methods

The software "Electronic Register of COVID-19 Patients" was developed based on a standardized form. In the register elaboration, the type, quality and scientific value of the information to be collected and stored were taken into account. The collected data included the medical records of COVID-19 patients hospitalized between 1.03.2020 - 30.06.2021.

Conclusions

The register facilitates research by rapidly processing data on hospitalized COVID-19 patients, is a valuable support for scientific researchers and allows the life quality assessment of the hospitalized patients.

Purpose

Complex assessment of confirmed COVID-19 cases treated in ten medical institutions from Chisinau for the analysis of the health impact of the infection in 2021.

Results

The software was designed with 2 interactive subsystems: the information collection component, implemented in hospital medical institutions and processing component, implemented in USMF „N. Testemitsanu”. The registry included over 8,000 patients with COVID-19, and their number continues to grow. Epidemiological, socio-demographic, clinical, paraclinical data and information on the clinical management of COVID-19 patients are stored securely with different access levels. The created software allows the selection, visualization and statistical analysis of information with generation of different reports according to pre-established or free criteria.

Keywords

electronic register, standardized form, COVID-19, software.