Special Issue

Improve Healthcare Management via Electronic Health Record System

Message from the Guest Editor

Electronic Health Records (EHRs) are a key aspect of modern healthcare. They can make patients' data available for different parties within the treatment chain almost in real time and thus improve the continuation of care. Structural recordings in EHRs will help to gather data regarding patients and treatment results, thus enabling the data-driven management of healthcare units. This has the potential to improve both the efficacy and effectiveness of the treatment. However, EHR systems also have their caveats. The systems are often complex and expensive. The optimal use of EHRs requires the extensive education of the staff. The opportunity for multiple actors to access the EHR system creates also issues regarding the confidentiality of data and the privacy of patients. It is likely that in the future, artificial intelligence (AI) will be a part of EHR systems, helping professionals to select those at-risk patients for appropriate treatment and guide others to enable better outcomes.

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Deadline for manuscript submissions

closed (20 September 2023)

International Journal of Environmental Research and Public Health

an Open Access Journal by MDPI

CiteScore 8.5
Indexed in PubMed

mdpi.com/si/140170

International Journal of Environmental Research and Public Health
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mdpi.com/journal/ijerph

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