Guiding principles for the optimal use of data analytics by physicians at the point of care

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Health information and e-health

Guiding Principles for the Optimal Use of Data Analytics by Physicians at the Point of Care

Executive Summary

Electronic records are being used more widely in routine clinical practice. In many jurisdictions, physicians may access de-identified electronic health information (EHI) in order to optimize care. EHI can provide critical information for clinical purposes, such as identifying patients at risk for disease, enhancing patient care and decision-making, and conducting research. The use of EHI in clinical practice is rapidly expanding, and the ongoing development of EHI standards is needed to ensure the security and privacy of patient information.

Optimal use of EHI in clinical care is achieved through the right balance between maximizing the advantages of EHI and ensuring the privacy of patient information. Physicians must be informed of their role in protecting patient privacy. Security and privacy are fundamental principles of EHI privacy protection. EHI standards should be developed to ensure the security and privacy of patient information.

Informed consent is required for the collection of EHI. Patients must be informed of the purpose, scope and limitations of the use of EHI. Informed consent must be obtained from patients for the use of EHI in clinical care.

The use of EHI in clinical care must be consistent with the principles of patient confidentiality and consent. EHI should be used only for the purpose and scope of the use of information and consent. EHI should be used for the purpose of patient care and should not be used for any other purpose.

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