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

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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 Canada than they were in the past. A majority of physicians in Canada have access to electronic health records (EHR). The data in EHRs can provide actionable information to inform best practice, help improve health outcomes, and reduce costs for patients. However, the widespread adoption of electronic health records has also led to concerns about the increased need for security and privacy. The CMA has developed guiding principles for the optimal use of data analytics by physicians to ensure the protection of patient information while delivering quality care.

This policy sets out the CMA’s guiding principles for the optimal use of data analytics by physicians at the point of care. It also addresses the implications for physicians of data analytics used in EHRs, as well as the implications for patient care and physician practice.

The guiding principles are based on a number of key considerations:

1. Transparency
2. Consent
3. Security
4. Privacy
5. Accountability
6. Ethics

These principles aim to ensure that data analytics are used in an ethical, transparent, and accountable manner, with the patient’s consent and in accordance with legal and ethical standards. The principles also aim to ensure that the use of data analytics in EHRs does not compromise patient privacy and security.

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