Health





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The Concept of Interoperable electronic health systems



In interoperable systems, the data in one local electronic source is transmitted to one or more other electronic systems, which in turn can transmit to one or more other electronic systems without knowing the internal processes, functions, and data representations or display of the other systems (Infoway Glossary) What's relevant in one system may not be or

seem directly relevant in another

eChart

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Overlay Case Study A

Slow Response Time Increased Risk to Patient

A grandfather's DI report was posted incorrectly on his grandson's record when his record was "overlaid" after a CT scan was ordered for him at one facility and the test was completed at another facility within same health region

Overlay was identified by staff at the site the same day

Demographic info was corrected within one day in both CR and local ADT at the site Queries were by eChart performed to see how much Clinical data was linked to the implicated records

data was linked to the implicated records Delays in remediation occurred when the Health Information Management department involved did not understand the demographic and clinical impact of the situation (as they thought they had resolved the issue already – they had fixed it in their paper chart, so it was difficult to understand the larger impact). The Provincial Radiology Information System team intervened after 48 hours to ensure comprehensive remediation.

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comprehensive remediation. Total Time to Resolution: 8 days



Overlays Monitoring

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