

Table 3

Studies Addressing Patient Trust in the Confidentiality of Electronic Patient Information

Authors (Year)	Data Source	Areas of Improvement in Confidentiality	Findings
El Emam et al. (2015)	BORN (Better Outcomes Registry and Network) Ontario birth registry data set	Anonymization of data to decrease chances of re-identification	Measuring the risk of re-identification can result in the ability to anonymize data to a certain level.
Meystre et al. (2014)	86 randomly selected patients hospitalized at the Salt Lake City Veterans Healthcare Administration Medical Center in the acute medicine department	Further studies needed	De-identification of patient information results in the inability to re-identify patients.
Ozair et al. (2015)	None	Recognizing the risks of electronic medical records and being able to manage and overcome them	The keys to finding solutions are leadership, teamwork, flexibility, and adaptability.
Patel et al. (2015)	American adults from a nationally representative 2011–2012 study	Information security monitoring, providing “meaningful choice” to patients regarding shared data, and enabling patients to access information in order to manage their care	Positive healthcare experiences and higher information efficacy were associated with more favorable perceptions of privacy and security.
Williams et al. (2015)	None	Gaining patient and public trust	Dynamic consents provide a platform to develop the ethical and engagement framework to ensure respect for the rights, needs, and expectations of diverse participants while widening participation and maintaining trust.

Sources:

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