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Peer Review

Review of: "Advancing Personal Health Data Spaces: Governance, Interoperability, and Real-World Evidence for Learning Healthcare Systems"

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The article presents a novel personal health data space. The paper is well-written.

Beyond the strengths of the paper, there are some ambiguities regarding terms like patient-centred, which is not clearly defined throughout the paper. The authors are well advised to clearly define the term and make the distinction between patient-centred and patient-centric data, which do not mean the same.

The authors write on page 6 that “without interoperable health data, clinically relevant information may be complex….”. Though hospital information systems (HIS) mostly use HL7 as a data format and are thus interoperable, the authors are also well advised to be more precise here. Further in the same paragraph, the authors state that “however, greater data availability alone does not …interoperability….” a source/reference and a discussion/demonstration are missing here.

The authors further state “the initiative aims to strengthen patient access to healthcare information…”. This is not a novelty. EHR/EMR systems are offering this functionality today.

Figure 1: Patient at the centre does not mean patient-centred data.

Here are a few comments on the part of the paper I read.

A major revision is recommended to fix the ambiguities throughout the paper.

I would like to review it after the revision.

Note: please check this; it may help.

- DOI:10.5772/INTECHOPEN.76974
- Corpus ID: 169134654

Internet of Things in Emergency Medical Care and Services

- T. Edoh
- Published in Medical Internet of Things (m... 27 February 2019
- Medicine, Computer Science
- Medical Internet of Things (m-IoT) - Enabling Technologies and Emerging Applications

Declarations

Potential competing interests: No potential competing interests to declare.