

Brief overview of various healthcare tools, methods, framework and standards

T Cyr, A Agarwal, B Furht - *Handbook of Medical and Healthcare ...*, 2013 - Springer

Abstract There exists a multitude of standards with regards to health information systems (HIS) and the electronic exchange of commercial transactions containing private data that must be used amongst various service providers to adequately perform their duties to

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Personal Health Data Storage Protection on Cloud Using MA-ABE

MR Kumar, MD Fathima... - *International Journal of ...*, 2013 - search.proquest.com

Abstract Online personal health record (PHR) enables patients to handle their individual medical records in a centralized way, which really facilitates the storage, access and distribution of personal health data. With the appearance of cloud computing, it is attractive

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Performance evaluation of continuity of care records (CCRs): parsing models in a mobile health management system

HM Chen, YZ Liou - *Journal of medical systems*, 2014 - Springer

Abstract In a mobile health management system, mobile devices act as the application hosting devices for personal health records (PHRs) and the healthcare servers construct to exchange and analyze PHRs. One of the most popular PHR standards is continuity of care

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Overcoming E-health interoperability obstacles: Integrating PHR and EHR using HL7 CCD

P Franček, I Piljić, L Dragić, H Mlinanć... - ... (ELMAR), 2015 57th ..., 2015 - ieeexplore.ieee.org

Abstract: Reliable e-health system is a backbone of modern society. It is dependent to all constitute components and interaction among them. In this paper EHR and PHR are used for sharing data as an example of major components. Creating communication adapter, an

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Home Health Smart TV—Platform for accessing multimedia e-health content

L Dragić, I Piljić, P Franček, M Kovač... - ... (ELMAR), 2015 57th ..., 2015 - ieeexplore.ieee.org

Abstract: In this paper we present the novel platform for accessing multimedia e-health content adapted for elders. Health market is filled with different ICT solutions which provide access to the patient's healthcare records through patient portals. The problem is that none

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The Development of Medical Ontology “HoPRO”(Hospital PRocess Ontology) and the Role of Ontologies in Multimethodological SAD Frameworks

VA Keramaris, K Danas - *XIV Mediterranean Conference on Medical and ...*, 2016 - Springer

Abstract The demand for blood and blood products in general is rising in all parts of the world. This need is further exacerbated by sophisticated medical and surgical procedures in high and middle income economies. Donor recruitment, and especially donor retention,

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Review of Interoperability techniques in data acquisition of wireless ECG devices

SA Olamidipupo, K Danas - pdfs.semanticscholar.org

Abstract: Wireless medical devices with enhanced capability operating within Body Area Network (BAN) are key elements in: telehealth, and remote health monitoring systems. They help to capture process and store vital signs acquired through sensors and transfer them

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Development of a Secured Cloud Based Health Information System for Antenatal and Postnatal Clinic in an African Country

P AJAYI, N OMOREGBE, D ADELOYE... - *Advances in Digital ...*, 2016 - books.google.com

Abstract. Maternal Mortality Ratio (MMR) in many African countries has consistently been in the range of 500-800 per 100,000 live births over the last two decades. A major challenge in these settings relates to the quality and promptness of antenatal and/or post-natal care

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Cloud-Based Information System for Blood Donation

I Fotopoulos, R Palaiologou, I Kouris... - ... *Conference on Medical ...*, 2016 - Springer

Abstract This paper describes the architecture designed for the introduction of the electronic physiotherapy prescription in Belgium. Based on the model for the ambulatory medication prescription, which is currently in a national roll-out phase, we constructed a model that

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[An overview of healthcare standards](#)

[TJS Cyr - Southeastcon, 2013 Proceedings of IEEE, 2013 - ieeexplore.ieee.org](#)

Abstract: There exists a multitude of standards with regards to health information systems (HIS) and the electronic exchange of commercial transactions containing private data that must be used amongst various service providers to adequately perform their duties to

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