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Interoperability Evaluation Case Study: An Obstetrics-Gynecology Department and Related Information Systems

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DATA AND KNOWLEDGE FOR MEDICAL DECISION SUPPORT

Book Series: Studies in Health Technology and Informatics

Volume: 186 **Pages:** 177-181

DOI: 10.3233/978-1-61499-240-0-177

Published: 2013

Conference

Conference: 13th EFMI Special Topic Conference (EFMI STC)

Location: Prague, CZECH REPUBLIC

Date: APR 17-19, 2013

Sponsor(s): European Federat Med Informat; Czech Soc Biomed Engn & Med Informat; Czech Med Soc J E Purkyne

Abstract

The paper presents the steps and metrics for evaluating the interoperability of an Obstetrics-Gynecology Department Information System applied on Bega Clinic Timisoara regarding its readiness for interoperability in relation with similar systems. The developed OGD IS was modeled starting from the Generic Component Model and sends information to other medical units using the HL7 Clinical Document Architecture and Continuity of Care Document standards. The data for evaluation are real, collected between 2009 and 2010 from Bega Clinic Timisoara. The results were relatively good for the investigated data and structure.

Keywords

Author Keywords: [Obstetrics-Gynecology Department Information System](#); [HL7 CDA](#); [GCM](#); [quality](#); [evaluation](#)

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Publisher

IOS PRESS, NIEUWE HEMWEG 6B, 1013 BG AMSTERDAM, NETHERLANDS

Categories / Classification

Research Areas: Computer Science; Health Care Sciences & Services; Medical Informatics

Web of Science Categories: Computer Science, Interdisciplinary Applications; Health Care Sciences & Services; Medical Informatics

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Document Information

Document Type: Proceedings Paper
Language: English
Accession Number: WOS:000339337000031
PubMed ID: 23542993
ISBN: 978-1-61499-240-0; 978-1-61499-239-4
ISSN: 0926-9630

Other Information

IDS Number: BA9FJ
Cited References in Web of Science Core Collection: 9
Times Cited in Web of Science Core Collection: 0

