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

By: [Vida, M](#) (Vida, Mihaela)^[1]; [Stoicu-Tivadar, L](#) (Stoicu-Tivadar, Lacramioara)^[1]; [Blobel, B](#) (Blobel, Bernd)^[2]; [Bernad, E](#) (Bernad, Elena)^[3]

Edited by: [Blobel, B](#); [Hasman, A](#); [Zvarova, J](#)

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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.

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Author Information

Reprint Address: [Vida, M](#) (reprint author)

+ [Univ Politehn Timisoara, Fac Automat & Comp, Bd Vasile Parvan 2, Timisoara 300223, Romania.](#)

Addresses:

+ [1] [Univ Politehn Timisoara, Fac Automat & Comp, Bd Vasile Parvan 2, Timisoara 300223, Romania](#)

+ [2] [Univ Hosp, eHlth Competence Ctr, Regensburg, Germany](#)

+ [3] [Univ Med Pharm, Dept Obstet & Ginecol, Timisoara, Romania](#)

E-mail Addresses: mihaela.vida@aut.upt.ro

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