Design of a health analytics online program to improve healthcare provider orders

D. PAPAKONSTANTINOU¹, M. POULYMENOPOULOU, F. MALAMATENIOU and G. VASSILACOPOULOS
Department of Digital Systems, University of Piraeus, Piraeus, Greece

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Introduction

This paper delineates the basic principles for designing an online training program on health analytics in the context of a CPOE service which can accompany a next generation CPOE system, possibly as a mobile application with regard to Healthcare Analytics Adoption Model.

1. Methods

The contextual training program is offered online and analyzes the concept of health analytics in the CPOE context from three perspectives: Administrative, Medical and Nursing.

2. Results

The online program enables healthcare professionals to share ideas, problems and concerns, thus improving the quality of training received, reducing the training time needed, acquiring the necessary knowledge and, finally, accepting and adopting the new technology to improve healthcare effectiveness and efficiency.

3. Discussion

The health analytics online program is intended to be evaluated in the real world by healthcare professionals based on certain quality and performance criteria. The end result should be next generation CPOE where analytics techniques are incorporated.

¹ Corresponding Author.