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Title

Developing a framework for evaluating health information systems

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چکیده فارسی

مقدمه و اهداف: سیستم‌های اطلاعات سلامت به‌عنوان یک نیاز در همه حوزه‌های سلامت مطرح هستند. برای آگاهی از میزان رسیدن به اهداف سازمانی با استفاده از سیستم اطلاعاتی و درک نقاط قوت و ضعف از ارزیابی استفاده می‌گردد. باوجود چارچوب‌های مختلف ارزیابی برای ارزیاب درک روشنی از نحوه ارزیابی سیستم اطلاعاتی ایجاد نمی‌گردد لذا هدف این مطالعه ایجاد چارچوب ارزیابی سیستم‌های اطلاعات سلامت هست.

روش‌ها: این پژوهش کاربردی در خلال سال‌های ۱۳۹۹-۱۳۹۶ انجام شد. در فاز اول بر اساس یک مرور ساختاریافته، مطالعاتی که از مدل‌ها و روش‌های ارزیابی سیستم اطلاعات سلامت استفاده کرده‌اند، استخراج شد. در فاز دوم به‌طور مقطعی و بر اساس فهرست شاخص‌های ارزیابی سیستم‌های اطلاعات سلامت از فاز اول، جلسات بارش افکار و توافق بر سرگروه بندی نتایج اعم از شاخص‌ها و معیارها با خبرگان علمی و اجرایی انجام گرفت. در فاز سوم با استفاده از روش فرآیند تحلیل شبکه‌ای وزن دهی به شاخص‌ها انجام گرفت و مدل ارزیابی از سیستم‌های اطلاعات سلامت نهایی شد.

یافته‌ها: شاخص‌های ارزیابی به چهار سطح دسته‌بندی گردیدند که به ترتیب شامل سطوح بعد، معیار، نشانگر و شاخص می باشد که در این مطالعه، ٤ بعد، ۱۷ معیار، ٤۸ نشانگر و ۱۸۰ شاخص حاصل شد.

بحث و نتیجه‌گیری: توسعه و ارتقاء سیستم‌های اطلاعاتی نیازمند ارزیابی می‌باشد. با وجود تعدد مطالعات ارزیابی انجام‌شده، هنوز درک جامعی از شاخص‌های موجود ارائه نشده است.

کلمات کلیدی: ارزیابی، سیستم‌های اطلاعات سلامت، چارچوب، مدل

Abstract

Background and Objectives: Health information systems are required in all healthcare domains. Evaluation is used to determine the extent of attaining organizational goals using information system and understanding strengths and weaknesses of using these systems. Despite the existence of different evaluation frameworks, there is no clear understanding about the evaluation methods of information system. The aim of this study was to develop a framework for evaluating health information systems.

Methods: This applied study was conducted during 2017-2020. In the first phase, the studies that used different models and methods to evaluate health information system were extracted in a systematic review. In the second phase, based on the indicators extracted from the first phase, the brainstorming and agreements meetings with scientific and executive experts for categorization of criteria and indicators were held. In the third phase, the indicators were weighted using network analysis process and the evaluation model of health information systems was finalized.

Results: Evaluation indicators were classified into the following four levels: dimension, criteria, markers and indicators. In this study, 4 dimensions, 17 criteria, 46 markers and 180 indices were identified.

Conclusion: Development and promotion of information systems requires evaluation. Despite the variety of evaluation studies, so far no comprehensive understanding of the existing indicators has been provided.

Key words: Evaluation, Health Information Systems, Framework, Model.

فهرست مندرجات

فهرست جداول

فهرست تصاویر یا نمودارها

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بسمه تعالی

صور تجلسه دفاع از پایان نامه

دانشگاه علوم پزشکی کرمان

تحصیلات تکمیلی دانشگاه

جلسه دفاعیه پایان نامه تحصیلی **خانم حبیبه نوروزی** دانشجوی کارشناسی ارشد رشته فناوری اطلاعات سلامت دانشکده مدیریت واطلاع رسانی پزشکی دانشگاه علوم پزشکی کرمان تحت عنوان :**ایجادیک چارچوب برایارزیابی سیستم های اطلاعات سلامت** درساعت ۸ روز چهارشنبه مورخ ۹۹/۰۶/۲۶ با حضور اعضای محترم هیات داوران متشکل از:

امضا	نام و نام خانوادگی	سمت
	آقای دکتر خواجویی	الف:استادراهنما
	آقای دکتر مهرالحسنی	ب: استادان مشاور
	آقای دکترقائمی	ج: عضو هیات داوران (داخلی)
	آقای دکترگودرزی	د :عضو هیات داوران (خارجی)
	آقای دکتر خواجویی	ه :نماینده تحصیلات تکمیلی

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