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Health Technology Assessment based on Functional Analysis: Step by Step

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Abstract

Health technology assessment (HTA) has been defined in many different ways. HTA typically covers not just medical issues about also covers social, economic, and ethical topics. HTA is systematic decision making tool for policy makers. Regardless of the way in which HTA is described requirements/ expectations of stakeholders and effects of technology need to meticulously studied. Two analytical tools involving functional analysis have been used by product engineers to deploy requirements and study effects These tools are: 1) Quality function deployment and 2) Failure mode effect analysis. Both QFD and FMEA involve analyzing functions and understanding the intricate relationship between them. This application focus poster presents application of functional analysis (FA) in health technology assessment (HTA).A four step FA approach for HTA is presented.

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