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Healthcare innovation methodology: codifying the process of translating knowledge into better healthcare products, services, and procedures

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Abstract

Much effort and funding has gone into defining and improving the process of creating scientific and medical knowledge that will improve healthcare. However, comparatively little has been published on the equally important topic of turning that knowledge into products, services, and procedures that actually improve health outcomes, that is, 'healthcare innovation.' The authors provide an overview of the differences between research and innovation and discuss why treating them as distinct processes is important to help maximize the successful translation of research into population health benefits. Based on the available literature, along with the study of more than 1000 projects, a framework is provided that codifies the process of innovation in healthcare and, therefore, is able to study, improve, and teach the process.

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