Research electronic data capture (REDCap)â€"a metadata-driven methodology and workflow process for providing translational research informatics support.

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Paul A. Harris [a] ⍣ ✉ ... Jose G. Conde [e]

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Abstract

Research electronic data capture (REDCap) is a novel workflow methodology and software solution designed for rapid development and deployment of electronic data capture tools to support clinical and translational research. We present: (1) a brief description of the REDCap metadata-driven software toolset; (2) detail concerning the capture and use of study-related metadata from scientific research teams; (3) measures of impact for REDCap; (4) details concerning a consortium network of domestic and international institutions collaborating on the project; and (5) strengths and limitations of

the REDCap system. REDCap is currently supporting 286 translational research projects in a growing collaborative network including 27 active partner institutions.

Keywords

Medical informatics; Electronic data capture; Clinical research; Translational research

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