

MEETING ABSTRACT

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Research Electronic Data Capture (REDCap) - planning, collecting and managing data for clinical and translational research

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Background

REDCap (Research Electronic Data Capture) is a software application and workflow methodology designed to collect and manage data for research studies. REDCap study databases are secure, web-based applications and easy to create, launch and manage on a project-by-project basis. REDCap uses a study-specific data dictionary to eliminate all programming requirements for the creation of electronic case report forms and participant survey instruments for individual studies – making it extremely fast to develop and launch for any size study. Vanderbilt developed and launched REDCap in 2004 and began sharing the software with other academic and non-profit institutions in 2005 at no cost under a unique consortium dissemination model. The consortium now consists of 322 academic and non-profit partner institutions across six continents serving 38,600 end-users (<http://www.project-redcap.org>). This presentation will provide a description of the REDCap software platform, global consortium and low-cost institutional models for supporting data management across the entire clinical and translational research enterprise.

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