

Building an electronic data management system using the WWARN annotated Case Record Form

WWARN has used REDCap¹, one of several available electronic data management systems, to develop a template database compatible with the [WWARN CDISC-annotated case record form \(CRF\)](#). These tools are freely available to antimalarial researchers. However, you will need to install your own REDCap software to use the database. Visit <https://projectredcap.org/> for all the information you will require, some important points of which we have highlighted below.

REDCap is specifically geared towards academic institutions and supports online or offline data capture. The [REDCap Consortium](#) is a vast support network of collaborators with thousands of active institutional partners in over one hundred countries using and supporting REDCap in various ways. If you represent a not-for-profit institution and you would like to join the REDCap Consortium, then visit the [Join](#) page.

One important issue to note is that REDCap is server software, so it is not something that you as a user install on your computer. It must be installed on a local web server by your institutional IT staff, after which you will then be able to access REDCap over the web in their device's web browser.

For further technical requirements relating to various operating systems (e.g. about server processing speed, memory and hard drive space), and information about validation testing and Part-11 compliance etc. visit <https://projectredcap.org/software/requirements/>

Also, you can watch some [videos](#) to get started, and for more complex operations or special projects, and visit the REDCap [frequently asked questions](#) page.

Once you have REDCap installed, please also [contact us](#) if you would like to use the WWARN template REDCap database.

1. Harris PA, Taylor R, Thielke R, Payne J, Gonzalez N, Conde JG. Research Electronic Data Capture (REDCap) - A metadata-driven methodology and workflow process for providing translational research informatics support. *Journal of biomedical informatics*. 2009;42(2):377-381.