

Many clinical trial status discrepancies identified between ClinicalTrials.gov and EUCTR

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Approximately one sixth of clinical trials registered on both ClinicalTrials.gov and the EU Clinical Trials Register (EUCTR) have discrepancies in their completion status, according to a study published March 7, 2018 in the open-access journal *PLOS ONE* by Jessica Fleminger and Ben Goldacre from the University of Oxford, UK.

Trial registries are important sources of [information](#) for clinicians and researchers, since they provide information on what trial results are pending or already available. While building OpenTrials, an open database that aims to link all publicly available information from all clinical trial registries, the authors of this study identified multiple errors, omissions and discrepancies between different registries. These differences prompted the researchers to investigate the prevalence of incorrect completion statuses between two major registries, the EU Clinical Trials Register (EUCTR) and ClinicalTrials.gov.

The researchers analyzed 10,492 [clinical trials](#) that were registered on both ClinicalTrials.gov and EUCTR, examining their trial completion [status](#) and reporting status for discrepancies. They found that 16.2% of dual registered trials had discrepant completion statuses and 33.9% of dual-registered trials listed as 'ongoing' on EUCTR were listed as 'completed' on ClinicalTrials.gov.

The researchers suggest that the prevalence of incorrect statuses on trial

entries could mean that they are excluded from studies looking at publication bias or systematic reviews pooling together clinical data from different clinical [trials](#). While it is unclear whether researchers, registry owners, or both are responsible for the errors, the authors recommend that researchers identifying discrepancies should request clarifications from the trialists, and registry owners should undertake simple cross-checks of data to ensure that the completion status is accurate.

"Trial registries are important public documents: doctors, researchers, and patients rely on the information that trialists post about their clinical trial," says Ben Goldacre. "Concerningly, we now show that this data is commonly inaccurate."

More information: Fleming J, Goldacre B (2018) Prevalence of clinical trial status discrepancies: A cross-sectional study of 10,492 trials registered on both ClinicalTrials.gov and the European Union Clinical Trials Register. *PLoS ONE* 13(3): e0193088.

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