
CTN-0051-A2 CRF Level Data De-Identification Notes

And

Database Descriptions

Feb 5, 2024

CTN-0051-A2 Data De-Identification Notes

The Case Report Form (CRF)-level de-identified data sets were prepared by reviewing the CRFs and the data dictionary to identify variables that contained, or could potentially contain, identifying information, such as identifiers, dates and free text fields. These variables were programmatically removed or modified to produce de-identified datasets.

- Patient ID: All patient IDs were transformed to factless key values bearing no relationship to the collected study data.
- Site ID: All site ID fields were erased.
- Dates: All dates except date of birth were converted to “days on study”, where the date of randomization = day 0. Note that without a randomization design, the participant start date was used instead. A negative value for days on study refers to an event that occurred prior to randomization (e.g. assessments initiated during screening) and a positive value for days on study refers to an event that occurred after randomization (e.g. study-phase visit and event dates).
 - Date of Birth: Dates of birth were converted to age values, computed as of randomization date.
 - Partial date sets of variables, e.g. just a Month and Year, may be erased if they refer to potentially identifying milestones, especially in a small patient pool.
- Initials / Names: Any field designed to record a person’s initials or name was erased.
- Other Identifiers: Sample identifiers and Drug lot numbers were erased.
- Text Fields: Most free text fields long enough to contain dates or narrative were emptied, including
 - Comment fields.
 - Responses derived from “Specify”, “Describe”, “Reason”, or “Other”. For example, other race, other termination reason, reason study drug not given, abnormalities on ECG and lab forms.
 - Narratives regarding interaction with patient, health conditions, treatment progress or follow-up.
 - Medical history and physical exam narrative text.
 - Type of work or job description; narrative descriptions of living situation, illnesses, concerns, drug/alcohol use, feelings/interests.
- Text Field De-identification Exceptions:
 - AE and medical condition terms were *retained* in the database, but detailed descriptions in a separate field providing additional information about adverse events were erased, such as relevant labs, medical history, drug/alcohol use description, probable cause of death.
 - Concomitant medication names and indications were *retained* in the database.
- For a complete listing of the erased text fields by CRF, refer to the “CTN0051A2 Nulled Values” spreadsheet file.

See the “0051A2 DataDictionary” Excel workbook file for descriptions of the data.