
Clinical Trial Data Validation Using SAS PROC SQL

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Background

- Toxicity data are collected for NCI Sponsored clinical trials at MCC. Data are monitored by NCI/CTEP quarterly.

Toxicity (Protocol, CourseNo, Patient, Toxicity (Toxicity Code), Grade, Attribution, DLT, etc)

- Standard (for Toxicity Code and Grade): **CTCAE 3.0** It lists hundreds of toxicity types and each toxicity type needs to be graded differently.

Background

- For example:
 - Dry Skin: Grade can only be 1, 2, 3. 4 or 5
 - Fatigue: Grade can only be 1, 2, 3, 4. 5
- Errors can be made by data entry person easily.
- Challenge: How to detect errors?

Invalid value!

Invalid value!