

Unanticipated Problem Analysis

Box 1

Any AE may be considered unexpected if it occurs in one or more subjects, the nature, severity, or frequency of which is not consistent with either:

- o the known or foreseeable risk of AEs associated with the procedures involved in the research that are described in (a) the protocol-related documents such as the IRB-approved research protocol, any applicable investigator brochure, and the current IRB-approved informed consent document, and (b) other relevant sources of information, such as product labeling and package inserts; or
- o the expected natural progression of any underlying disease, disorder, or condition of the subject(s) experiencing the adverse event and the subject's predisposing risk factor profile for the adverse event.

Box 2

Adverse Events may be caused by one or more of the following:

- 1) The procedures involved in the research;
- 2) An underlying disease, disorder, or condition of the subject; or
- 3) Other circumstances unrelated to either the research or any underlying disease, disorder, or condition of the subject.

In general, AEs that are determined to be at least partially caused by (1) would be considered related to participation in the research, whereas adverse events determined to be solely caused by (2) or (3) would be considered unrelated to participation in the research.

An adverse event occurs in one or more subjects.

1) Is the adverse event unexpected in nature, severity, or frequency?
(See Box 1)

YES

2) Is the adverse event related or possibly related to participation in the research?
(See Box 2)

YES

3) Does the adverse event suggest that the research places subjects or others at a greater risk of physical or psychological harm than was previously known or recognized? NOTE: If the adverse event is serious, the answer is always "YES."

YES



Report the adverse event as an unanticipated problem under 45 CFR 46



The adverse event is not an unanticipated problem and need not be reported under 45 CFR 46

NO

NO

NO

