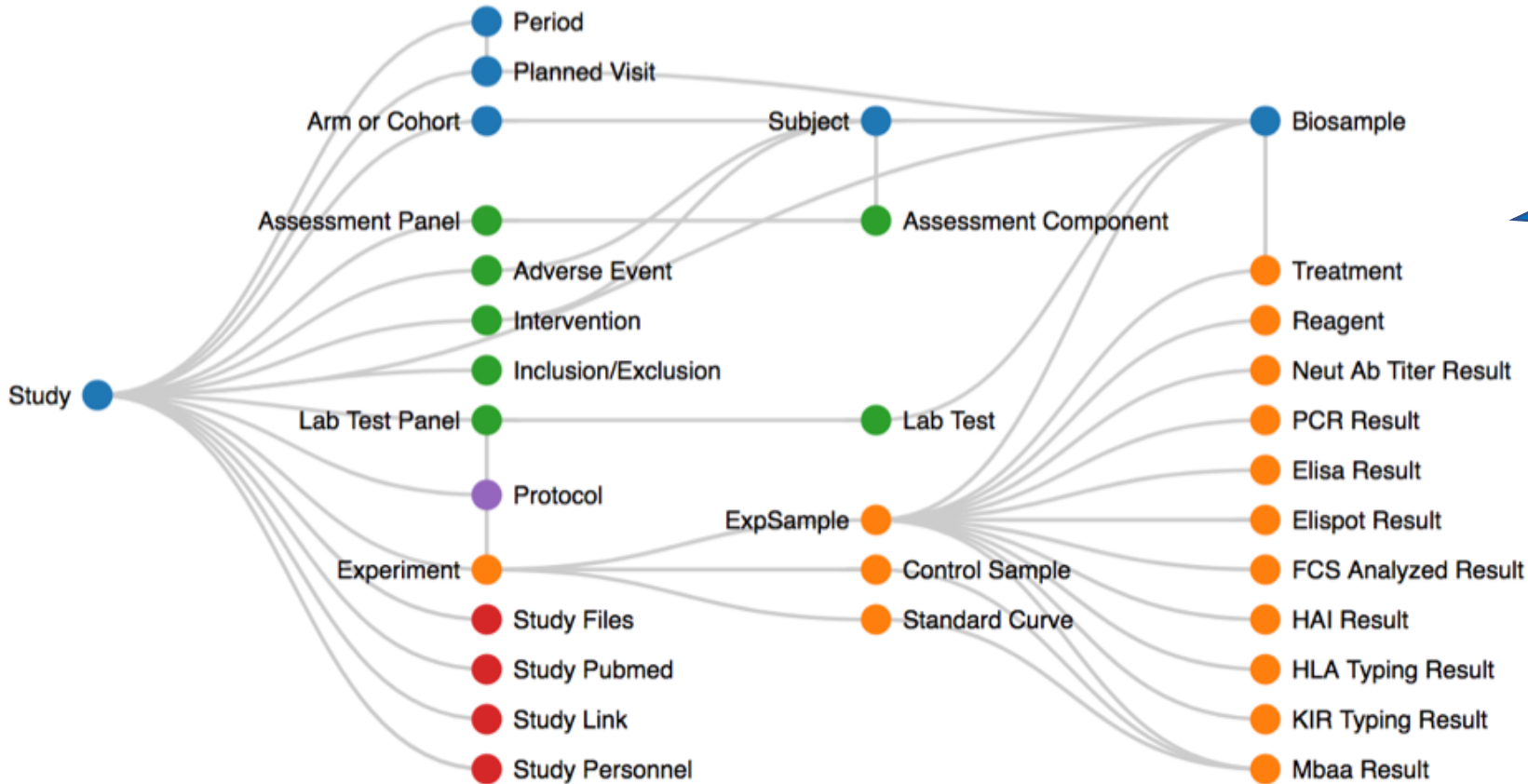




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## ImmPort Data Deposition Decision Tree Choosing the templates for data uploads



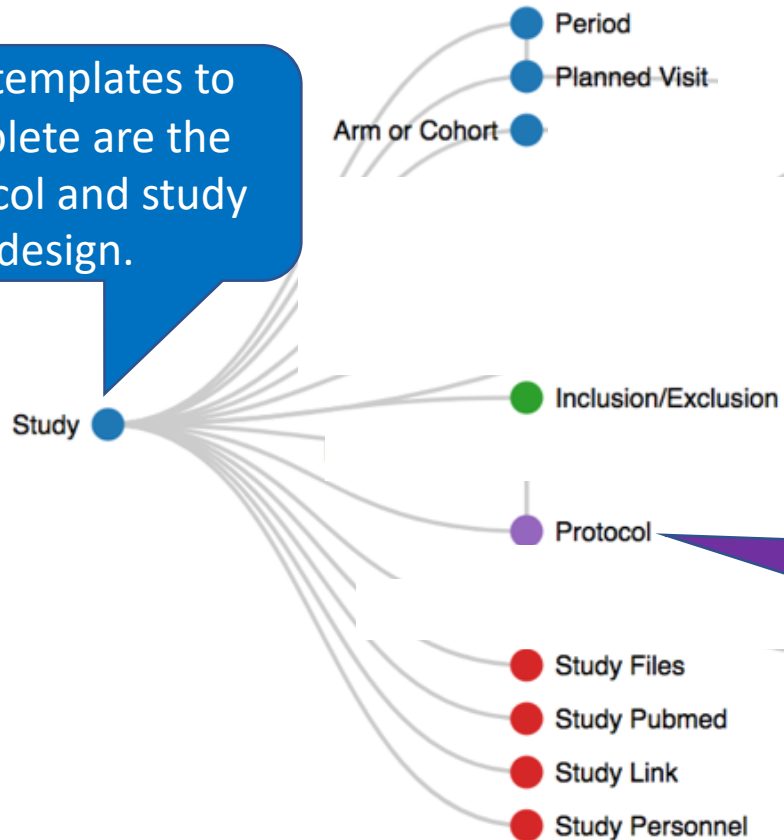
There is a recommended order to completing and uploading the data deposition templates.



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## ImmPort Data Deposition Decision Tree Study and Protocol

First templates to complete are the protocol and study design.

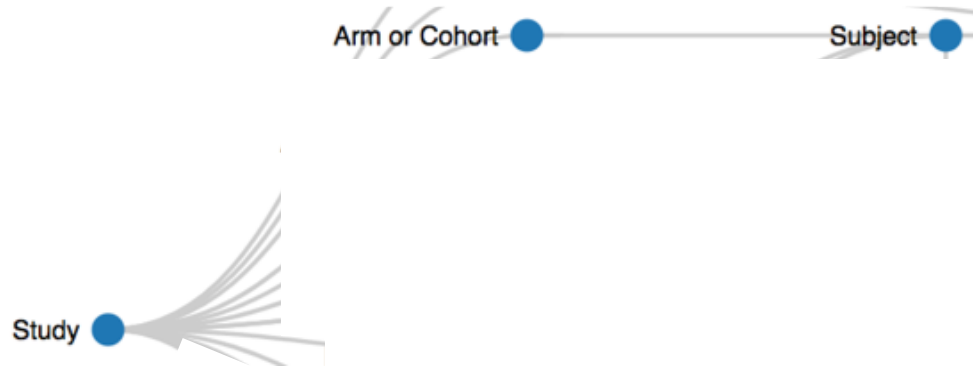


Clinical study protocols are the gold standard and other study protocol formats are valid



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## ImmPort Data Deposition Decision Tree Study Subjects



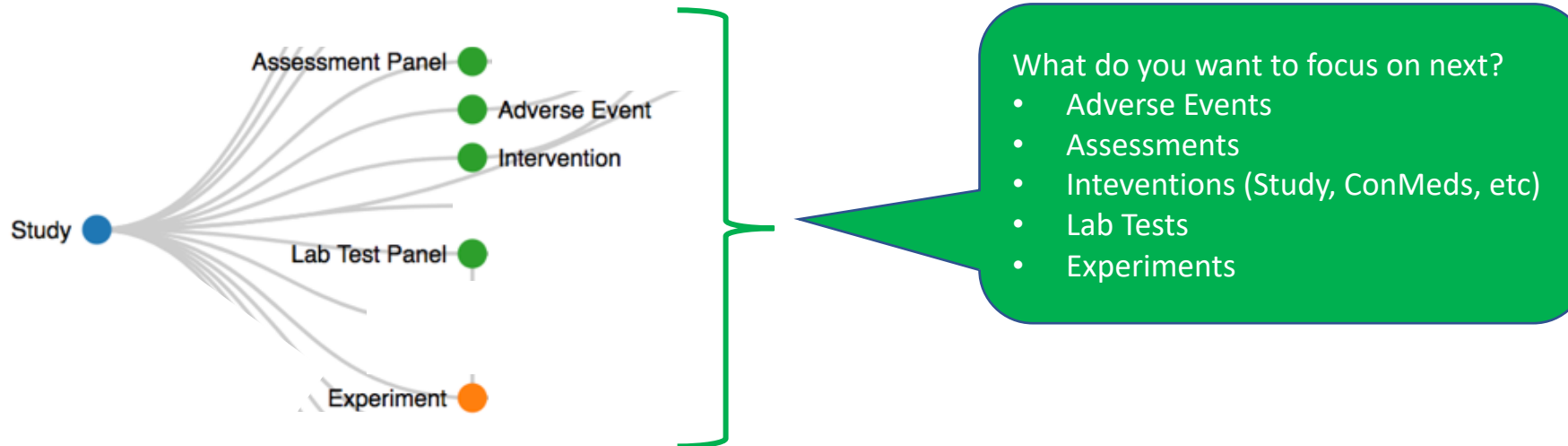
The second template to complete is to describe study subjects.

- Choose between human or animal template.
- Subjects are linked to a single cohort in a study, but many be linked to multiple studies.
- Subject demographics and immune exposure are captured.



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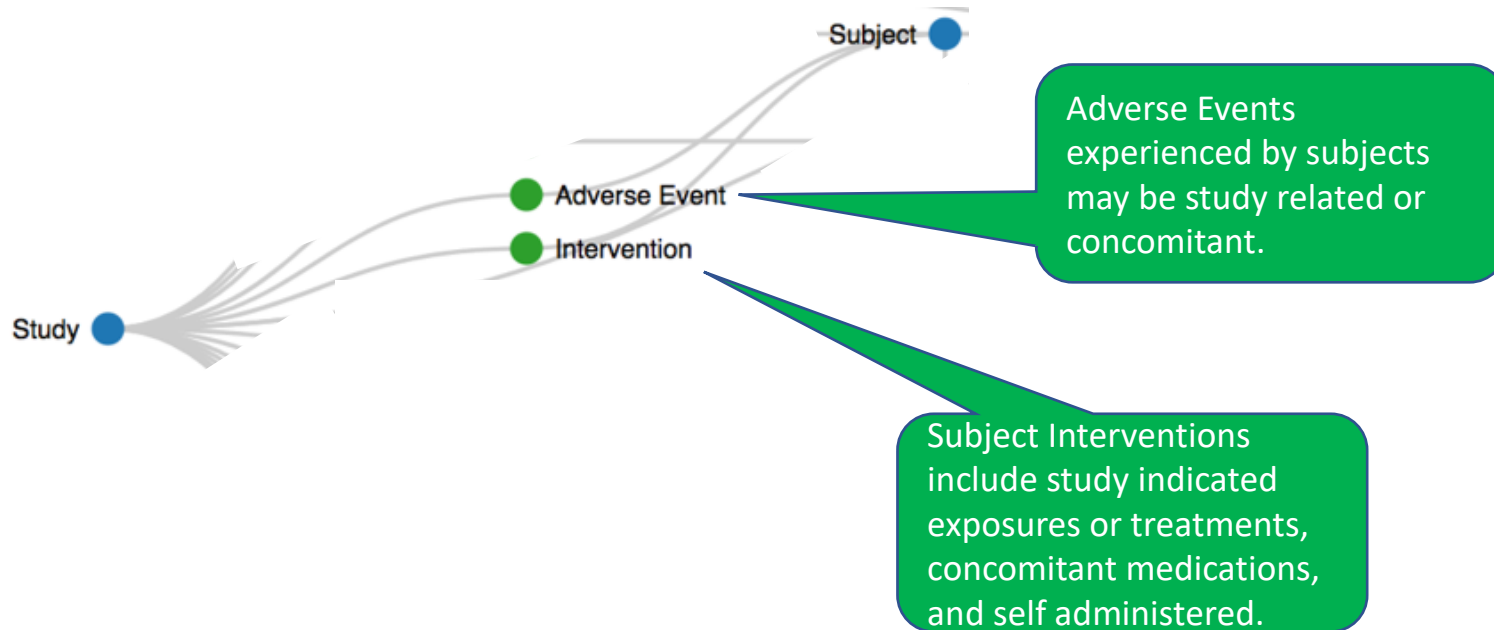
## ImmPort Data Deposition Decision Tree Choose from Multiple Study Result Types





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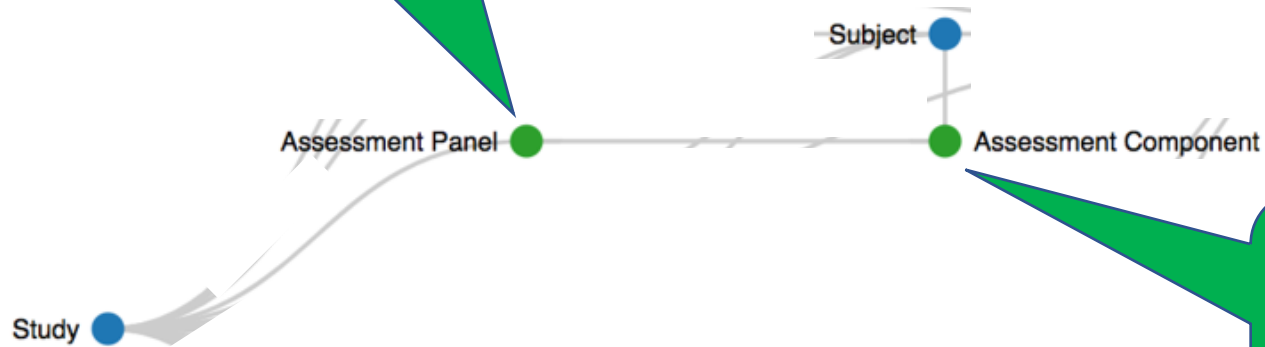
## ImmPort Data Deposition Decision Tree Adverse Events & Subject Interventions





## ImmPort Data Deposition Decision Tree Assessments (non-sample based results)

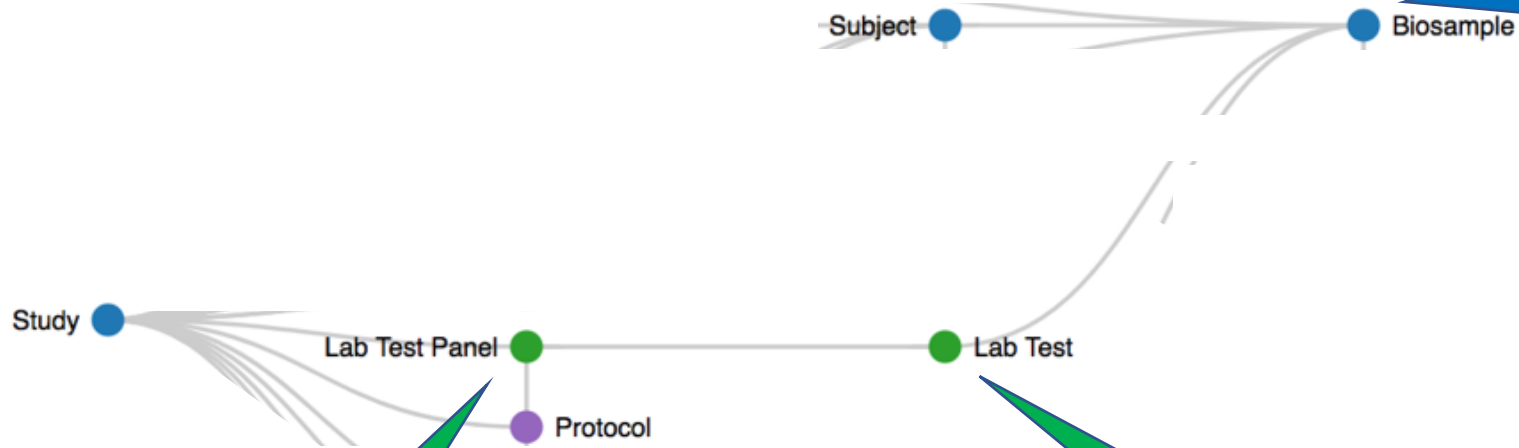
Assessment Panels are often defined in terms of Case Report Forms.



Subject Assessments are non-sample based data including medical history, diary scores, and other Case Report Form questions.



# ImmPort Data Deposition Decision Tree Lab Tests



BioSamples are derived from subjects and collected according to planned events in the study design. The actual collection time in the study is recorded. The tissue source of bioSamples are recorded. BioSamples may be described in labTest templates.

Lab Test Panels are composed of lab tests of bioSamples. Lab Panels are linked to a protocol(s).

The labTests template describes bioSamples, lab panels and lab tests and results. Lab tests do not require reagents to be described.



# ImmPort Data Deposition Decision Tree Experiments

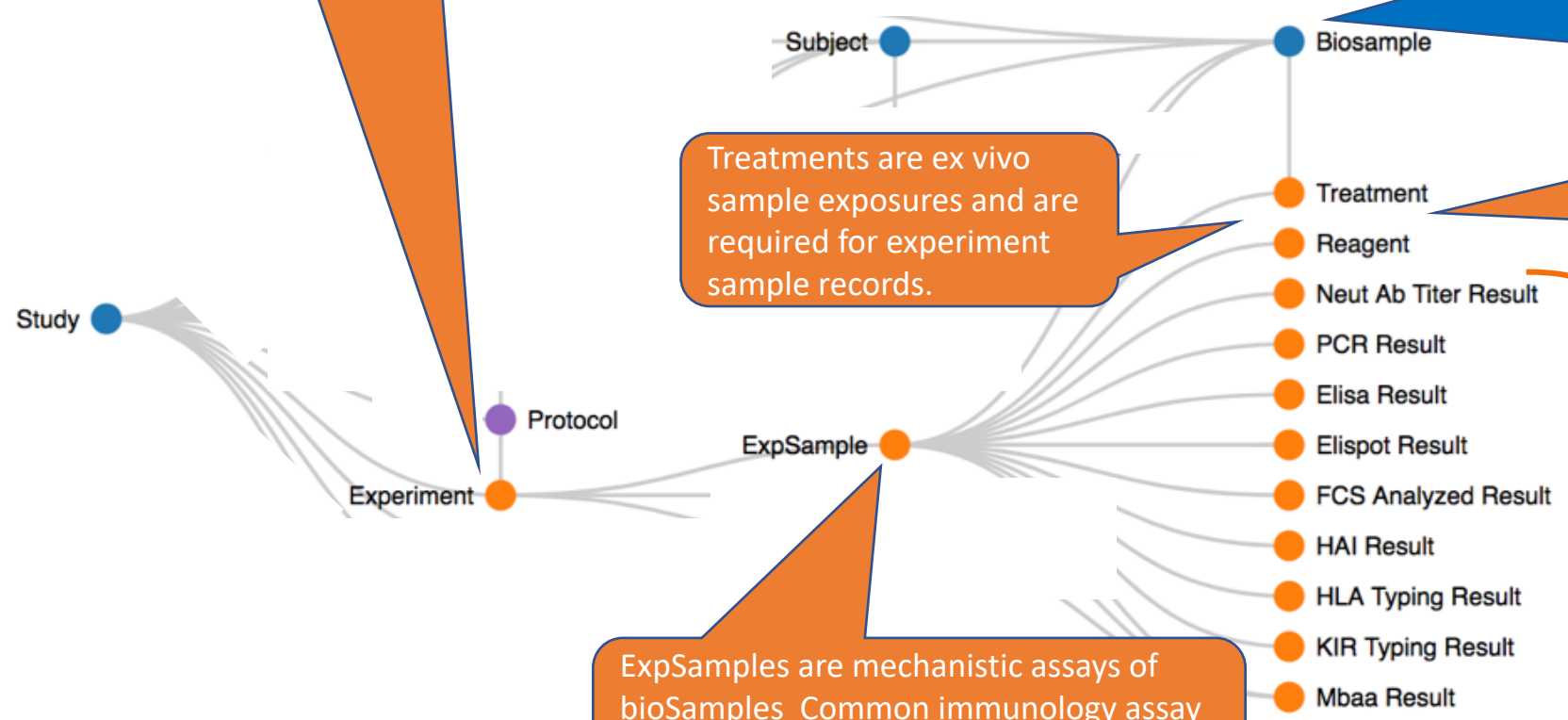
Experiments are described by their measurement technique and their protocol(s).

BioSamples are derived from subjects and collected according to planned events in the study design. The actual collection time in the study is recorded. The tissue source of bioSamples are recorded. BioSamples may be described in the expSample template.

Treatments are ex vivo sample exposures and are required for experiment sample records.

Reagents describe what and how the sample constituents are measured and are required for experiment sample records.

Assay result read outs are tailored to the measurement technique and may be interpreted results only or also include files (.fcs for flow cyto and CyToF or transcript counts for RNA Seq).



ExpSamples are mechanistic assays of bioSamples. Common immunology assay methods have their own expSample template.