

## 15.5.4 Create the Data Import File

Create the data import XML file using the [OIDs for your Study](#), and the data for each Item. Use the example in this section as a template for the structure of your data import file. You can also [download example files](#).

Starting with the <SubjectData> tag, the general structure is that the tag for an element contains the tags for its subelements, and so on, through the hierarchy. The hierarchy is: Study Subject > Study Event Definition > Form (CRF) > Item Group > Item. So within a <SubjectData> tag are the <EventData> tags for that Subject, and so on.

For Repeating Events and Repeating Item Groups, specify the value 1 for the first Repeat Key, 2 for the second Repeat Key, and so on.

Following is an XML import file that imports data into a demographics form in the sample Juno study:

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <ODM xmlns="http://www.cdisc.org/ns/odm/v1.3" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="
   http://www.cdisc.org/ns/odm/v1.3 ODML-3.xsd" ODMVersion="1.3" FileOID="1D20080412202420" FileType="Snapshot" Description="
   OpenClinica Data Import" CreationDateTime="2015-04-12T20:24:20" >
3
4  <!-- Replace the S_OID with the Study OID of the Study to which you are importing data. -->
5  <ClinicalData StudyOID="S_OID" MetaDataVersionOID="v1.0.0">
6
7      <!-- Specify whether or not to update existing data based on the current status of the data. May be set to "true"
8      (update) or "false" (do not update) for each of the listed statuses.-->
9      <UpsertOn NotStarted="true" DataEntryStarted="true" DataEntryComplete="true"/>
10
11     <!-- Replace the SS_OID with the Study Subject OID for whom you're importing data. This Subject must already be
12     enrolled and scheduled for the Event to which you are importing. -->
13     <SubjectData SubjectKey="SS_OID">
14
15         <!-- Replace the SE_OID with the OID of the Study Event. For non-repeating Events, the StudyEventRepeatKey
16         should be set to 1. For repeating Events, specify the ordinal for the occurrence of the Event to which you are
17         importing. For example, specify 2 to import the data into the second repeat occurrence of an Event. -->
18         <StudyEventData StudyEventOID="SE_OID" StudyEventRepeatKey="1">
19
20             <!-- Replace the F_OID with the OID of the Form that will be populated with the imported data. Also specify
21             the status the Form should have after the import is complete. Options are initial data entry or complete.-->
22             <FormData FormOID="F_OID" OpenClinica:Status="initial data entry">
23
24                 <!-- Replace the IG_OID with the Item Group OID. If the Group is a Grid, specify the row number for the
25                 insert in ItemGroupRepeatKey. TransactionType for an import should always be Insert.-->
26                 <ItemGroupData ItemGroupOID="IG_OID" ItemGroupRepeatKey="1" TransactionType="Insert" >
27
28                     <!-- For each Item in the Form, replace the I_OID with the Item OID and specify the value that should
29                     be imported into that Item. Add or remove lines below as needed to match the number of Items in your
30                     Form.-->
31                     <ItemData ItemOID="I_OID" Value="68"/>
32                     <ItemData ItemOID="I_OID2" Value="116"/>
33                     <ItemData ItemOID="I_OID3" Value="53"/>
34                     <ItemData ItemOID="I_OID4" Value="2"/>
35                 </ItemGroupData>
36             </FormData>
37         </StudyEventData>
38     </SubjectData>
39
40     <!-- To import data for more than one Subject, copy the opening and closing SubjectData tags, and everything between
41     those tags. Then update OIDs and values as needed.-->
42 </ClinicalData>
43 </ODM>

```

To create an XML data import file:

1. Download the [import template](#)

2. Open the import template in an XML editor
3. Save the template as an XML file.
4. Modify the template as needed to meet the requirements of the data you are importing.  
Instructions are provided throughout the template for guidance.

Approved for publication by Ben Baumann. Signed on 2016-12-12 11:52AM

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