

# GD046 Importing data into a GRID in OpenClinica3 (OC3)

This guide is for importing data into grids on OpenClinica 3 and assumes the user is familiar with the normal import process from GD045 – Importing Data into OpenClinica.

Refer to Appendix 1 for a screen recording of data import into GRIDS.

## Step 1:

- i. Follow instruction (a) to (e) in Step 1 of GD045 to prepare the import file.
- **ii.** In the import file, also create a new column called *GRID*, this will be used to determine which row of the grid the data is imported into. This should follow a numerical sequence.

SSOID	GRID	I_NOTAC_HOSPITAL_LOCATION	I_NOTAC_START_DATE	I_NOTAC_START_TIME	I_NOTAC_STOP_DATE	I_NOTAC_STOP_TIME
SS_SS_2000	1	2	08/10/2020	23:26	09/10/2020	13:00
SS_SS_2000	2	1	09/10/2020	13:34	14/10/2020	18:58
SS_SS_2001	1	2	07/11/2020	09:20	11/11/2020	15:47
SS_SS_2001	2	1	11/11/2020	15:47	20/11/2020	18:30
SS_SS_2002	1	2	12/11/2020	01:10	12/11/2020	13:52
SS_SS_2002	2	1	12/11/2020	14:12	17/11/2020	18:00

## Step 2:

i. Create a stylesheet in the normal way (refer to GD045) and generate the XML file with Kernow. For each row of the grid there will be a <SubjectData> section, all with the same patient ID. The GRID item data should appear as the first ItemData listed.

<SubjectData SubjectKey="SS\_TEST004\_9170">

<StudyEventData StudyEventOID="SE\_SUBSTUDYPAPONLY">

<FormData FormOID="F\_NOTACSSUBSTU\_8092\_V01">

<ItemGroupData ItemGroupOID="IG\_NOTAC\_DEVICE\_DATA" TransactionType="Insert">

<ItemData ItemOID="GRID" Value="1"/>

<ItemData ItemOID="I\_NOTAC\_DEVICE\_DATE" Value="2021-05-19"/>

### Step 3:

i. The XML file needs to be amended with the correct ItemGroupRepeatKey for each <SubjectData> section. The code is added to the <ItemGroupData> line, for example, for Row 1 the XML would change from:

<ItemGroupData ItemGroupOID="IG\_NOTAC\_DEVICE\_DATA" TransactionType="Insert">

То

<ItemGroupData ItemGroupOID="IG\_NOTAC\_DEVICE\_DATA" ItemGroupRepeatKey="1" TransactionType="Insert">

ii. This is done for all rows automatically using regular expression in a find and replace query, the query uses the GRID ItemData to specify the ItemRepeatKey.

GD046 Importing Data into a GRID in OpenClinica3 (OC3) V1.0 Review date: March 2028 Page 1 of 3

## Find:

```
<ItemGroupData ItemGroupOID="IG_NOTAC_DEVICE_DATA" TransactionType="Insert">
```

```
<ItemData ItemOID="GRID" Value="(\d+)"/>
```

## Replace:

```
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iii. The above find and replace expressions can have issues when copied from this document (the second line of the FIND is not caught). It is recommended to select the find expressions before pressing the Find and Replace command (CTRL + H). Also, in the FIND WHAT bar, update the GRID value to ="(\d+)"/>.



iv. \d+ captures 1 or more numerical values (for when the ItemRepeat goes above 9). The brackets () store the value which can then put into the ItemGroupRepeatKey on the replace expression (this is what the \ does).

The expression also removes the ItemData GRID line.

For copying and pasting:

(\d+)

ItemGroupRepeatKey="\1"If this has been done correctly, the following:

```
<SubjectData SubjectKey="SS_TEST004_9170">
```

<StudyEventData StudyEventOID="SE\_SUBSTUDYPAPONLY">

<FormData FormOID="F\_NOTACSSUBSTU\_8092\_V01">

<ItemGroupData ItemGroupOID="IG\_NOTAC\_DEVICE\_DATA" TransactionType="Insert">

<ItemData ItemOID="GRID" Value="1"/>

<ItemData ItemOID="I\_NOTAC\_DEVICE\_DATE" Value="2021-05-19"/>

Becomes:

GD046 Importing Data into a GRID in OpenClinica3 (OC3) V1.0 Review date: March 2028 Page 2 of 3

<SubjectData SubjectKey="SS\_TEST004\_9170">

<StudyEventData StudyEventOID="SE\_SUBSTUDYPAPONLY">

<FormData FormOID="F\_NOTACSSUBSTU\_8092\_V01">

<ItemGroupData ItemGroupOID="IG\_NOTAC\_DEVICE\_DATA" ItemGroupRepeatKey="1" TransactionType="Insert">

<ItemData ItemOID="I\_NOTAC\_DEVICE\_DATE" Value="2021-05-19"/>

v. The GROUP\_REPEAT\_NUM in the CRF build has no effect on importing. If this is set to a max of 40 rows, OpenClinica will still allow you to import more.

### Step 4:

Once this has been done and checked, the file is ready for import.

By default, the status will be set to Complete, if the desired status is Initial Data Entry the XML needs to be amended. See the Guidance Document for more details: <u>S:\shared\R&D\SOPs\FORMS, TEMPLATES &</u> <u>GUIDANCE DOCUMENTS\GUIDANCE DOCUMENTS\GD045 Importing data into OpenClinica</u>

### Appendix 1

A screen recording of this process can be found here: <u>S:\shared\R&D\SOPs\FORMS, TEMPLATES &</u> <u>GUIDANCE DOCUMENTS\GUIDANCE DOCUMENTS\GD046 Importing data into a GRID in</u> <u>OpenClinica\Importing data into a GRID on OpenClinica video guide.mp4</u>