### **Saving Faces**



# **DAHNO database Upload-My-Data Manual**

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#### **The DAHNO Upload-My-Data portal manual**

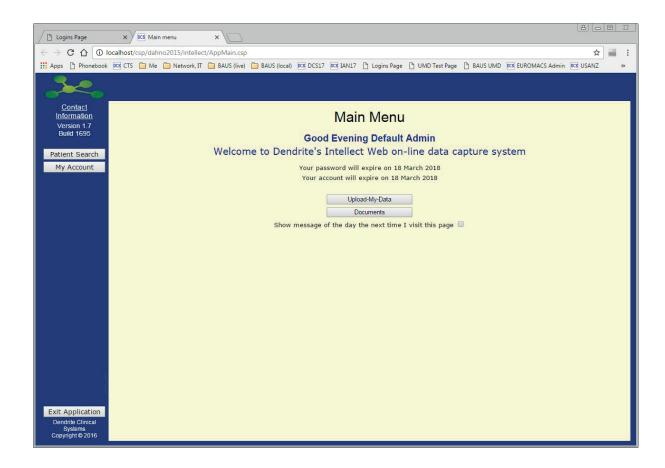
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#### The DAHNO Upload-My-Data portal manual

#### What you see on log in

Once you have logged into the system this is the screen that you should see. To progress press the **Upload-My-Data** button.



The other button on this page is the **Documents** button, which gives access to resources that have been assembled to help with the upload process, such as:

- the DAHNO Upload-My-Data file specification
- the DAHNO Upload-My-Data manual

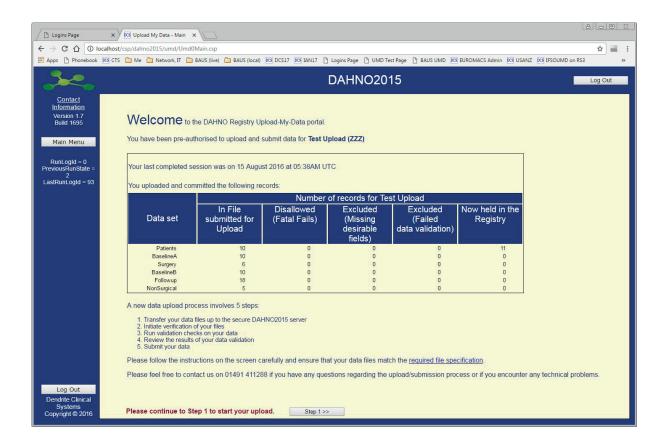
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#### The welcome page

The screenshot below shows the Upload-My-Data welcome page. If you have submitted data in the past, you will see a précis of the results from the last batch of uploaded data files.

To progress with a new upload, press the **Step 1** button.



At any time you may return to the main menu page using the **Main Menu** button. Any progress you have made with an upload will be saved for when you next log into the system.

You may also log out of the system at any time using the **Log Out** button; likewise, any progress you have made with an upload will be saved for the next log in to the system.

Please note that although the registry is named DAHNO2015 the system will accept data dated in 2016.



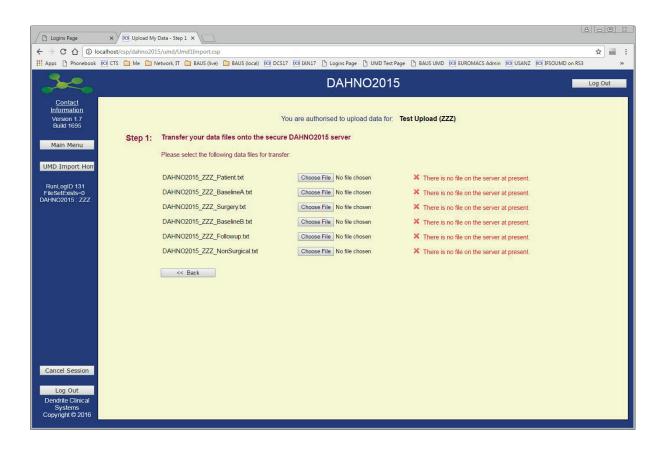
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#### The file transfer page

The next page in the sequence is the file transfer page, as shown below. You will need to upload all **six** files in the fileset for an upload to be successful.

Each file is uploaded to the secure DAHNO server by pressing the **Choose File** button and navigating to the location of the tab-delimited text file on your local computer. When all six files have been correctly identified the screen should appear as shown on the facing page.

For a file to be accepted it must conform to the naming convention as laid out in the DAHNO Upload-My-Data file specification document.



Say, for example, that you do not have a Followup file to submit, then you can go to the following link:

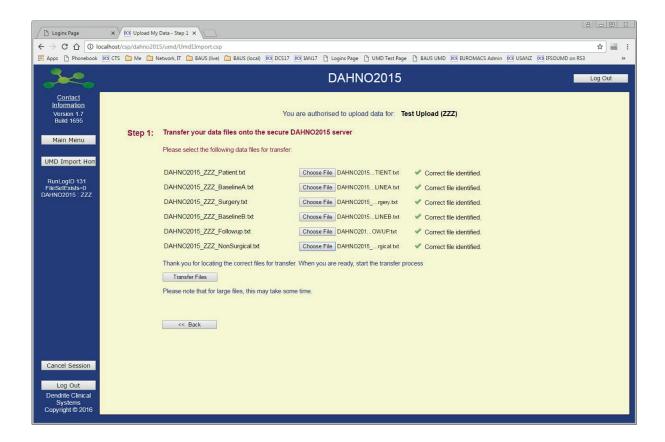
#### https://cl2.n3-dendrite.com/csp/dahno2015/frontpages/docs.html

There you can download one or more from the set of DAHNO Upload-My-Data template files. Each file in the suite of blank text files contains just the required SQL headers. If you rename the sample file so that it conforms to the naming convention for your submit group (replacing the ZZZ in the file name with your ODS code), you can then upload this empty file, which will enable you to proceed through the upload process, assuming that your other files pass the validation tests.

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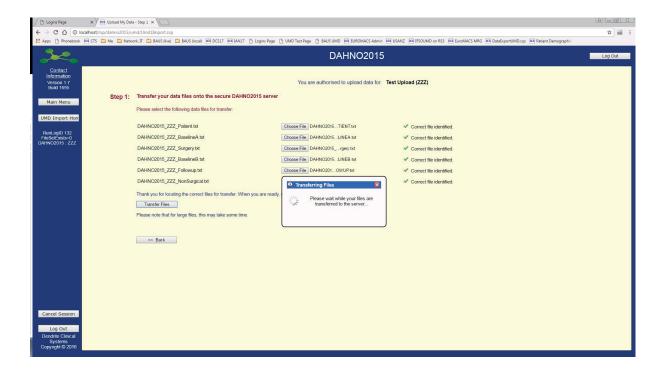
With all six files accepted, as shown below, you may now, and only now, transfer the files onto the secure server using the **Transfer Files** button.





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The transfer process can take a little while for large data files, so you will see a pop-up window that tells you that the transfer is in progress. Please be patient until the transfer is completed.

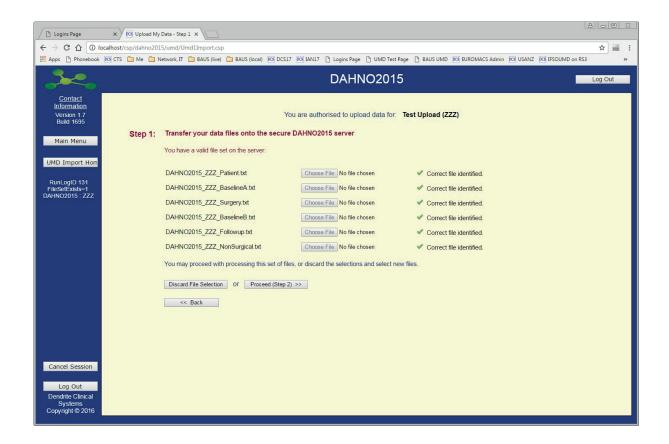


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Once the files are safely lodged on the secure DAHNO server you can then move on to the next step by pressing the **Proceed (Step 2)** button.

If you decide that you have uploaded the wrong set of files, you may remove them from the server by pressing the **Discard File Selection** button, and then start the process again.



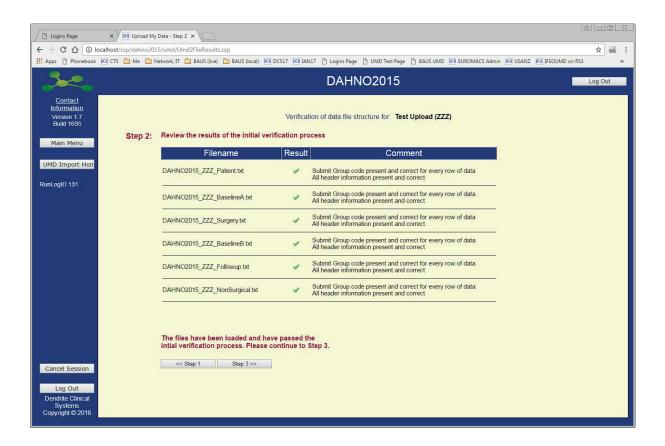


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#### Initial file verification

If all six files pass the initial verification the next screen will appear as in the screenshot below. Essentially, each file has passed the following tests:

- the right Submit code is present in every row of data, as stipulated in the DAHNO Upload-My-Data file specification document
- all the required file headers are present and correct



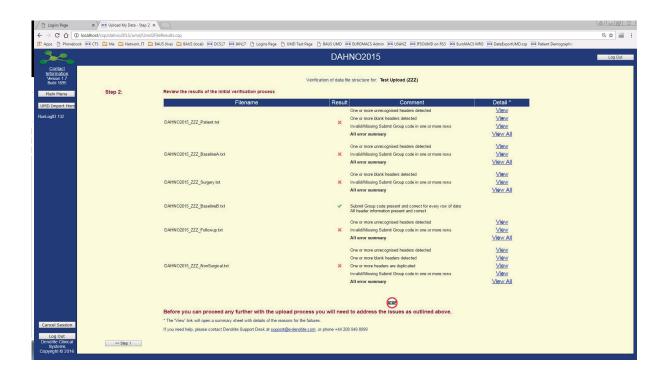
Once you have a set of six files that have all passed the initial file verification tests, you may then proceed on to the next phase of the process by pressing the **Step3** button.

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The following screenshot show the results for a set of files that have failed validation. The files that have validation failures are identified by a red cross icon, and the detail of the specific failures are noted to the right of the cross icon. As you can see, files may fail for a number of reasons:

- an unrecognised header has been detected, which might be either a typographical error in a required header, or a header that should not be present in the file
- a missing header, i.e., a null value where a header should be found
- a duplicated header
- any one or more rows has an invalid / inappropriate Submit Code



You can review the errors by clicking on the View hyperlinks to the right of the validation failure comment. Clicking on the link will open the list in a new browser window, whereas right-clicking on the link will allow you to download a file listing all the errors to your computer.

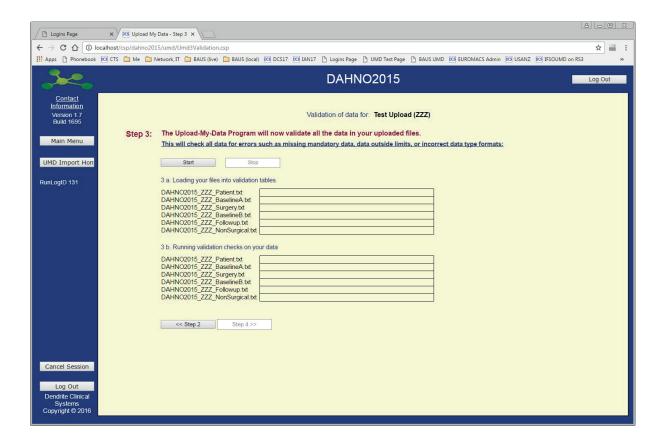
Before you can proceed with the Upload-My-Data process you will need to address each of the issues that have been identified, generate a set of corrected files, and then begin the Upload-My-Data process from the beginning.



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#### **Data validation**

The next screen allows you to run another suite of checks on your uploaded files. To begin the validation, press the **Start** button.

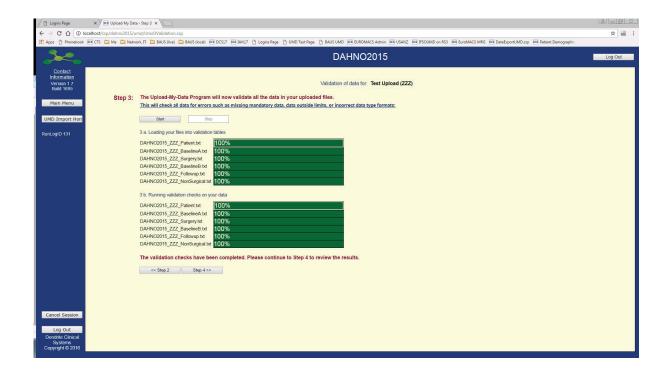


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When the validation has run the screen should appear as shown below.

You can check the results of the data validation by pressing the **Step 4** button.





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#### **Review data validation results**

The screen shown opposite is an example set of data validation results.

For each file, you will see that there are various kinds of information available:

- the first row in the table shows the number of rows of data that have been uploaded; this
  can act as a very quick check that the data on the server matches what you expect for the
  files that you generated
- the next row shows the could of rows that have passed all validation tests
- third is the number of rows missing demographic data; this is one of the key data-items that are needed to link the data from different files together
- next is a count of the number of rows that have one or more missing mandatory fields; records that have missing mandatory data cannot be transferred to the merged DAHNO database
- the fifth row shows how may rows have one or more missing desirable data-items; desirable data are really useful for analysis, but are not absolutely required, so rows with some missing desirable data (but no missing mandatory data) can be transferred into the merged DAHNO database
- the sixth check is for data that fall outside of constraints set in the database; so, for example, it might be that height in cm is a data-item, with minimum and maximum constraints of 50 and 300 set for the HEIGHT question; any height data in an uploaded data file with a value of less than 50 or greater than 300 would be flagged in this validation check
- lastly is the data type check: for example, any data-item that is set as an integer will not
  accept any data that includes any character other than numbers; any coded data will
  accept only the prescribed codes

You can have look at a list of these errors for each file by pressing the View errors button at the foot of the table; an example is shown in the second, lower screenshot on the facing page. As you can see in the screenshot, you can toggle between the various summaries using the dropdown menu at the top of the page.

You can download an xml compatible file to your computer using the Patient, BaselineA, Surgery, BaselineB, Followup and NonSurgical hyperlinks at the head of the table. These can be opened in Microsoft Excel, using the File > Open menu.

Under the table is an areas that focuses on cross-check errors. This area would highlight rows in child tables (Surgery & Non-surgery) that do not have corresponding records <sup>1</sup> in the parent tables (BaselineA & BaselineB). Any rows in BaselineA that do not have a matching entry in BaselineB will also be flagged up in this section.

This information is shown to assist you in the upload of your data.

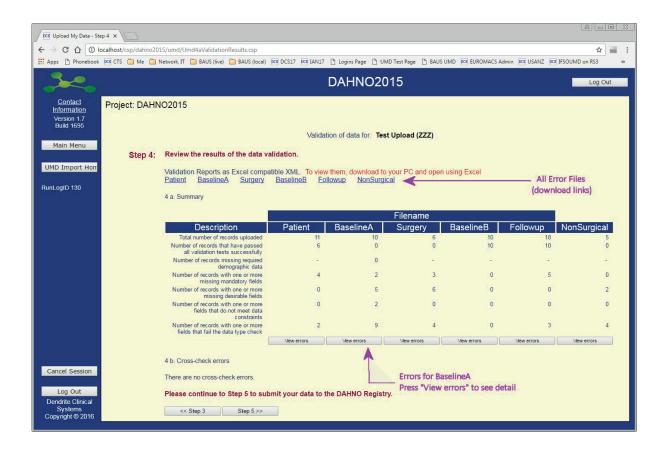
Records with missing mandatory data will be reject out-of-hand; if you want to make sure that these records do get into the central, merged DAHNO database, you must go away, complete all the mandatory fields and then re-submit your data.

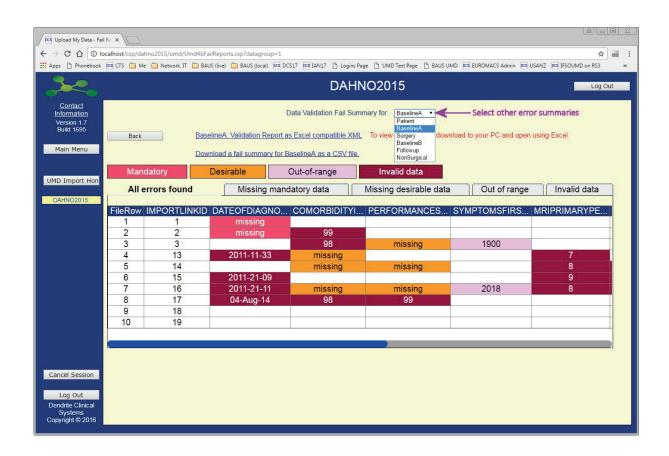
Rows with missing desirable data and / or data that fall outside the constraints set in the database can be uploaded and transferred to the central database, but the errant data-items will be rejected, and represented as null values in the final record.

For records to be linked across the six file fileset, corresponding rows must have the same IMPORTLINKID index; see
the DAHNO Upload my data file specification document for more details. Records from the Patient file are linked to
the parent Baseline files using the DEMOGID field.

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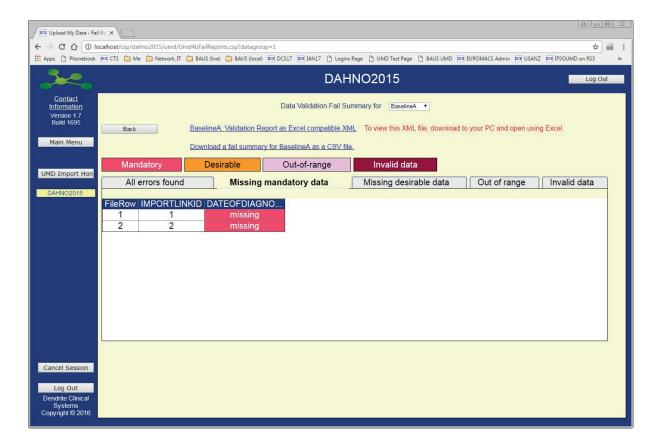




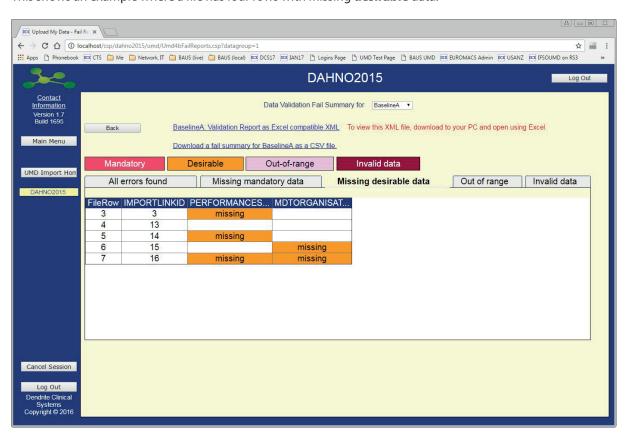


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This shows an example where a file has two rows with missing mandatory data.



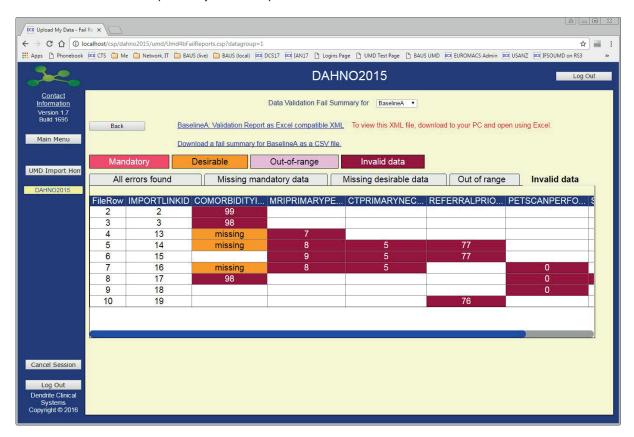
This shows an example where a file has four rows with missing desirable data.



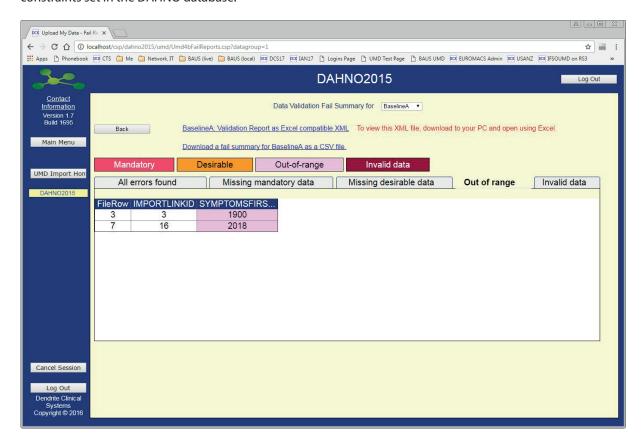
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The next example shows results for a file that has a number of data-items that are invalid. The codes are outwith the values set out in the Upload-My-Data file specification document.



The last example shows a file with a pair of rows where the data are out-of-range, *i.e.*, data-items that failed the constraints set in the DAHNO database.





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#### Submit your data

The last stage is the commit phase, where the all the appropriate data are merged into the central DAHNO database. There are two choice to make before starting the commit process:

- whether or not to allow rows with missing desirable data to be committed
- whether or not to allow rows with data-validation failures to be committed

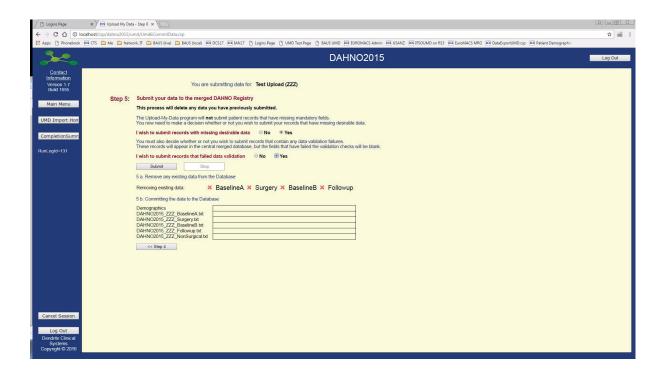
Both these choices are set using the Yes/No radio buttons on the Submit Your Data web page.

Once you have made you choices as regards the rows data-issues, you can start the process by clicking on the **Submit** button.

When you press this button two things happen:

- any data previously submitted for your submit code are removed from the central DAHNO database
- the newly uploaded data are added into the central DAHNO database

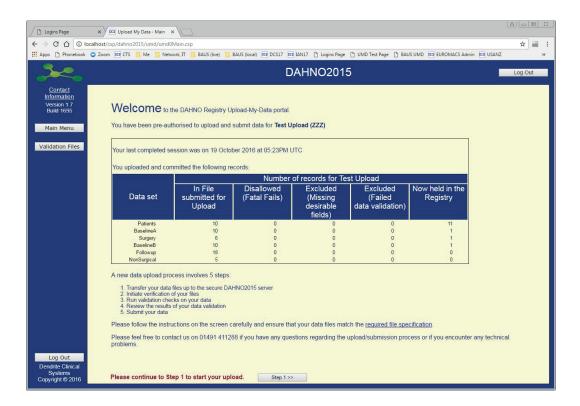
The progress bars will give you an indication of how far the software has gone through the commit process. Please be patient as large files can take some time to process.



Once the process is complete, you may log out and close the web page using the **Log Out** button at the bottom, left-hand side of the page.

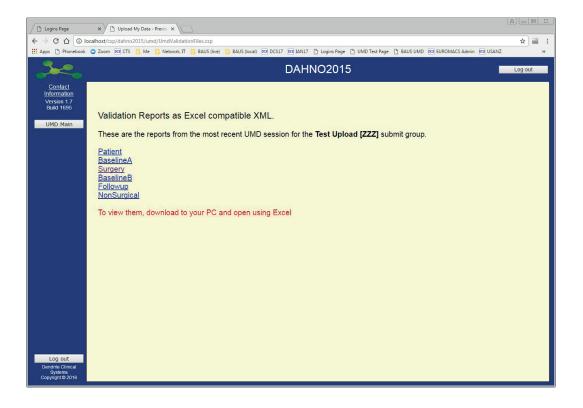
#### Access information on your last set of uploaded files

This page provides access to the most recently generated set of Validation Files report.



Clicking on the button takes you to the screen shown below.

The files are Excel-compatible XML files; because XML files are normally associated with a browser or XML editor, they cannot be opened by just double-clicking the file. You need to start Excel, then open the files using the File | Open command. When loaded into Excel, the files appear as multi-worksheet spreadsheets.





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