

The European Registry for Patients with Mechanical Circulatory Support



euromacs

European Registry for Patients with
Mechanical Circulatory Support e.V.

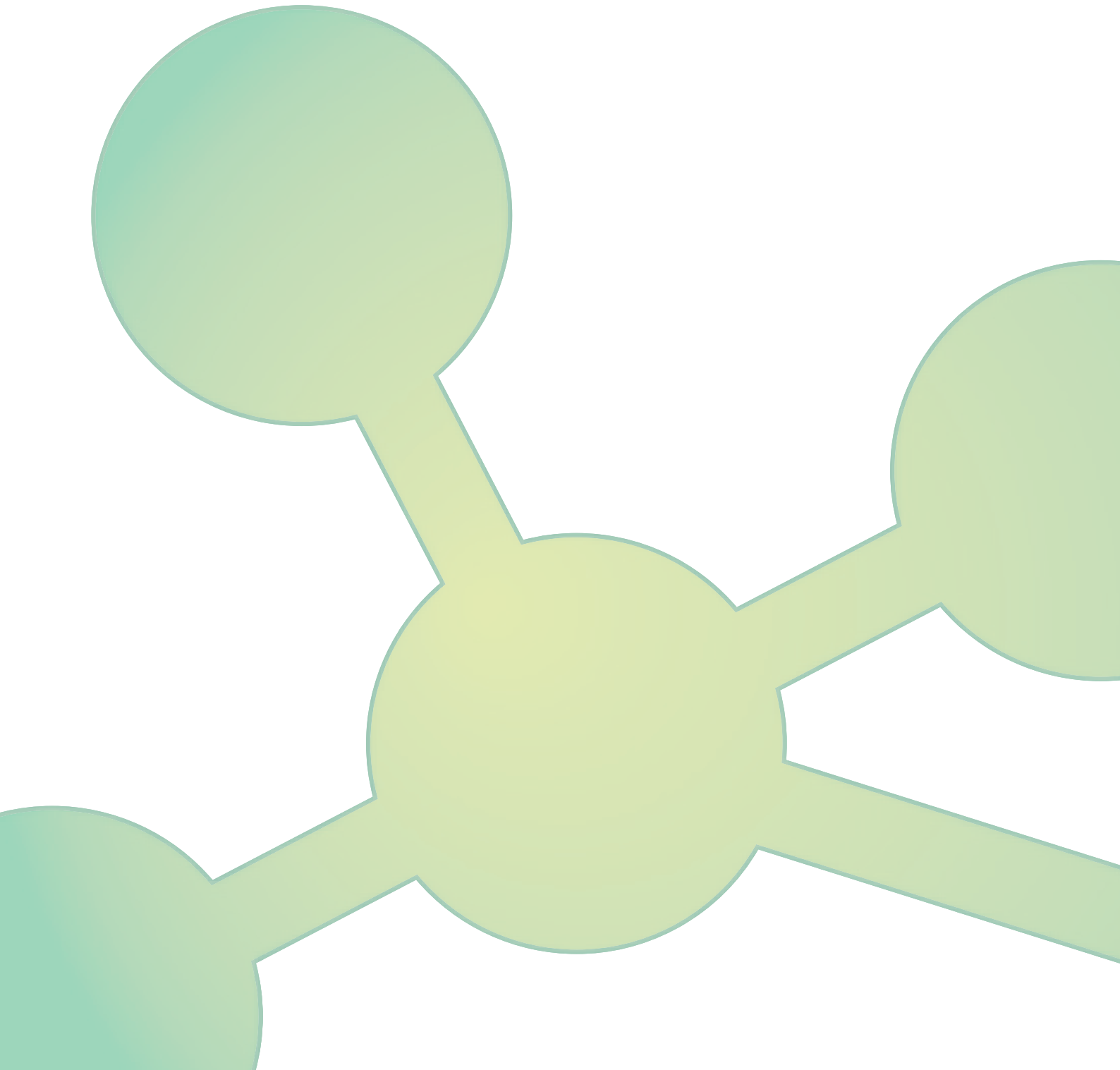
Upload-My-Data User Manual

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Euromacs Upload-My-Data User Manual



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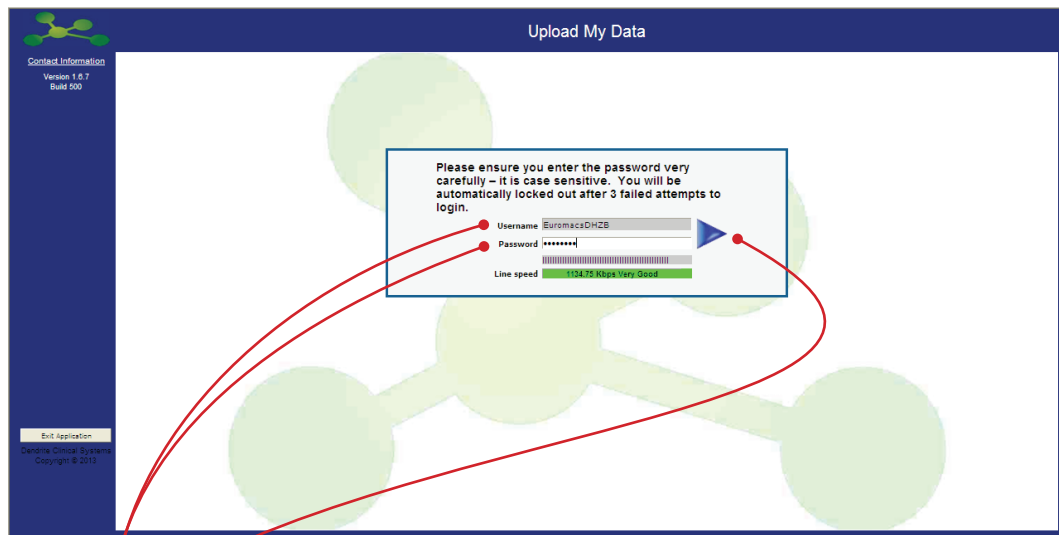
EuroMACS Upload-My-Data User Manual

Introduction

Upload-My-Data is a new web-based data collection system, which allows authorised users to upload and submit their data to the EuroMACS database. Users will have been provided with their individual login details and the website for accessing the system.

This manual has been designed to aid users in this process by outlining the various steps that needed to be undertaken to complete a successful data submission. It will also explain some data errors that may prevent the data being submitted successfully.

Logging into the Upload-My-Data Portal



Enter Username and Password

Enter your username and password in the boxes as shown and then press the **<Return>** key or click the blue arrow to move to the next screen

If the login user name and password combination is recognised as valid, the Welcome page will open.



Welcome to the Upload-My-Data Portal

Successful Upload Process

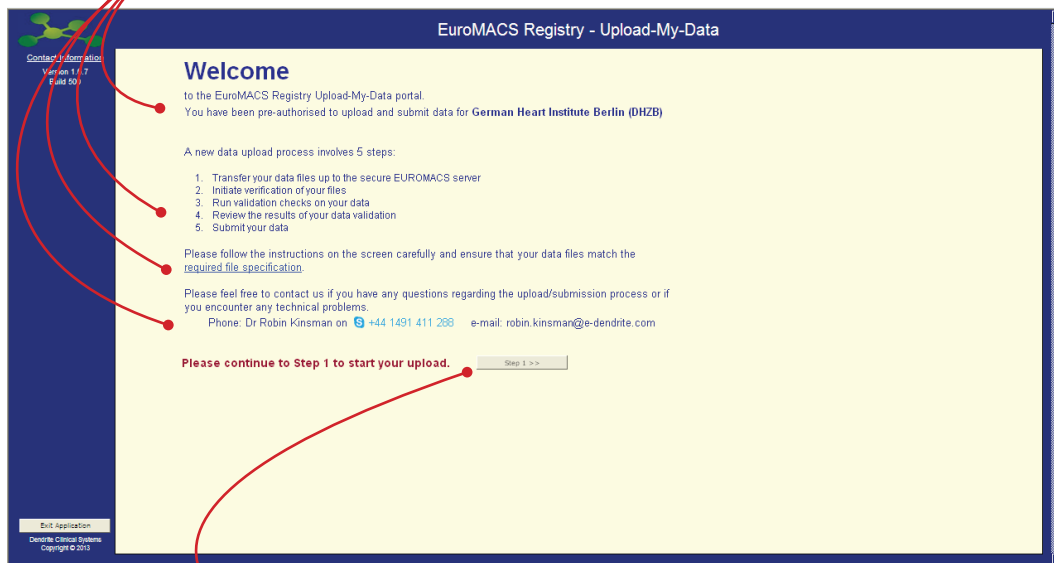
The first time that a new user logs onto the system, ie no data have yet been uploaded, the Welcome screen will appear as shown in the screen shot below. The Welcome screen displays the name of the hospital (and the associated code) for which the user is submitting data and describes the steps involved in successfully uploading data.

There is a link to the file specification document that describes the specifics of how to name the data files and all the detail on the data fields required for the upload (see required file specification).

The files for transfer MUST be saved exactly as specified, ie the initial data must be saved as EUROMACS_HOSPITALCODE_Initial.txt and the followup data as EUROMACS_HOSPITALCODE_Followup.txt

Upload-My-Data Welcome Screen

Hospital submitting data, steps involved in the process and required file specification link, plus a Help contact name and number are all displayed on the Welcome screen



Start the Upload Process

Click the **Step 1 >>** button to start the upload process



Welcome Screen Detailing Previously Uploaded Data

If data have been submitted previously, the Welcome screen will show the results of the last completed session and summarise the results in a table as shown below.

Welcome
to the EuroMACS Registry Upload-My-Data portal.
You have been pre-authorised to upload and submit data for **German Heart Institute Berlin (DHZB)**

Your last completed session was on 17 April 2013 at 12:25PM UTC
You uploaded and committed the following records:

Data set	In File submitted for Upload	Number of records for German Heart Institute Berlin			Now held in the Registry
		Disallowed (Fatal Fails)	Excluded (Missing desirable fields)	Excluded (Failed data validation)	
Patients	270	0	0	0	270
Initial	322	0	0	0	322
Followup	954	39	0	0	815

A new data upload process involves 5 steps:

1. Transfer your data files up to the secure EUROMACS server
2. Initiate verification of your files
3. Run validation checks on your data
4. Review the results of your data validation
5. Submit your data

Please follow the instructions on the screen carefully and ensure that your data files match the [required file specification](#).

Please feel free to contact us if you have any questions regarding the upload/submission process or if you encounter any technical problems.
Phone: Dr Robin Kinsman on +44 1491 411 268 e-mail: robin.kinsman@e-dendrite.com

Please continue to Step 1 to start your upload. Step 1 >>

Cancel Session

Cancel Session

The upload process can be cancelled at any time by clicking the **Cancel Session** button. Note that once the data have been submitted this button will be inactive.

Step 1: Transfer your data files onto the secure EUROMACS server

Please select the following data files for transfer:

EUROMACS_DHZB_Initial.bt ✘ There is no file on the server at present.

EUROMACS_DHZB_Followup.bt ✘ There is no file on the server at present.

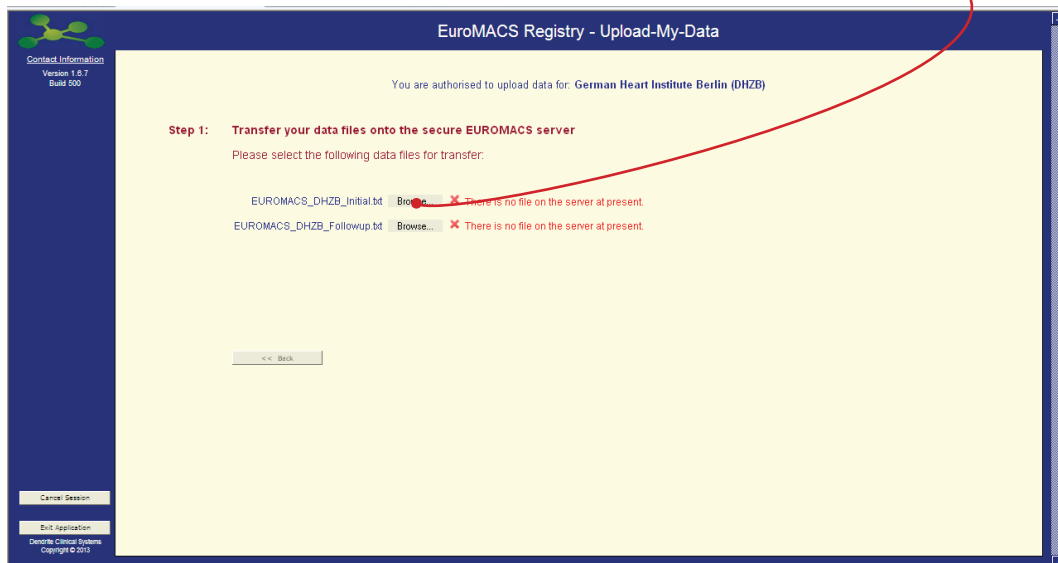


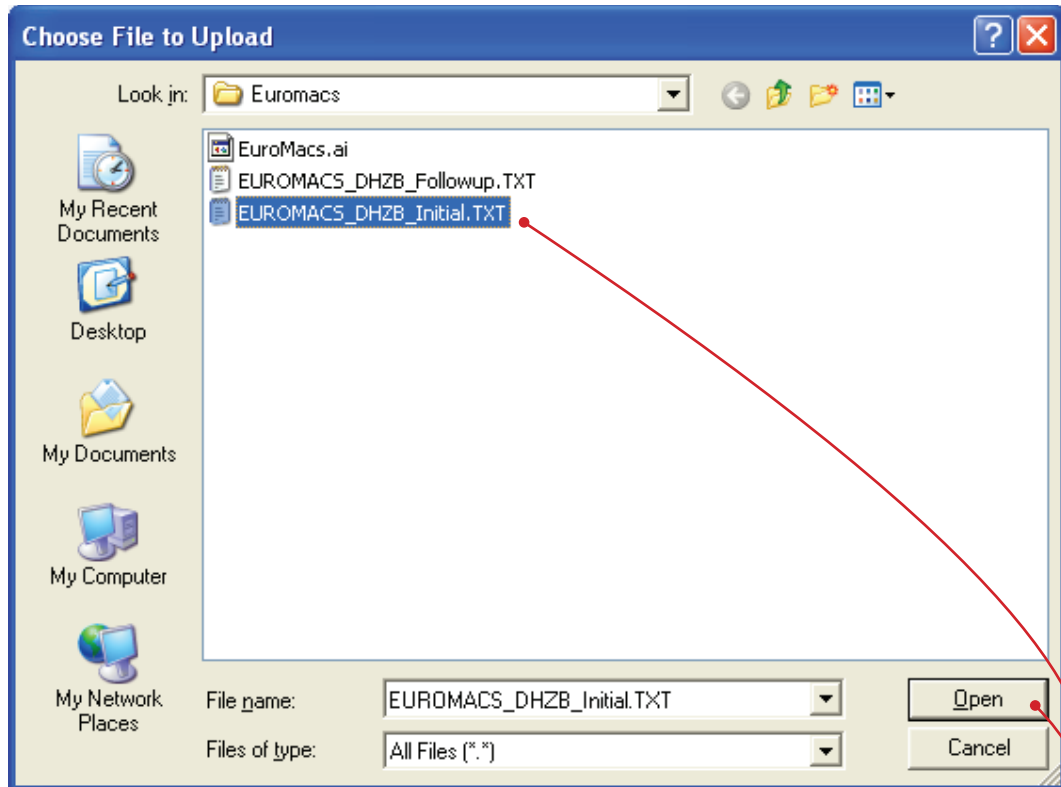
All Files Correct

Step 1 - Transfer the Data Files onto the Secure EuroMACS Server

Selecting the Data Files

In this example data is being submitted on behalf of the German Heart Institute Berlin. The file name used by other centres will be of the format EUROMACS_XXX_Initial.txt, where XXX is the hospital code. Click the **Browse** button for the EUROMACS_DHZB_Initial.txt file





Open the File to Upload

Navigate through your file structure to locate the upload file, select the appropriate file and click the **Open** button

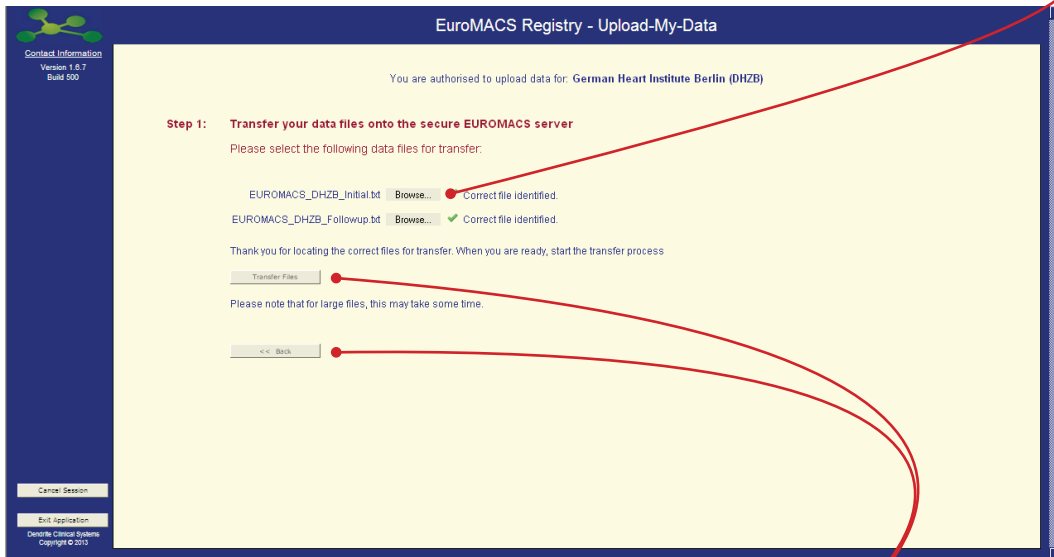
Repeat this process for the Followup file. When finished the screen should resemble that shown on page 11 - you are now ready to transfer these files.



Files Correctly Identified

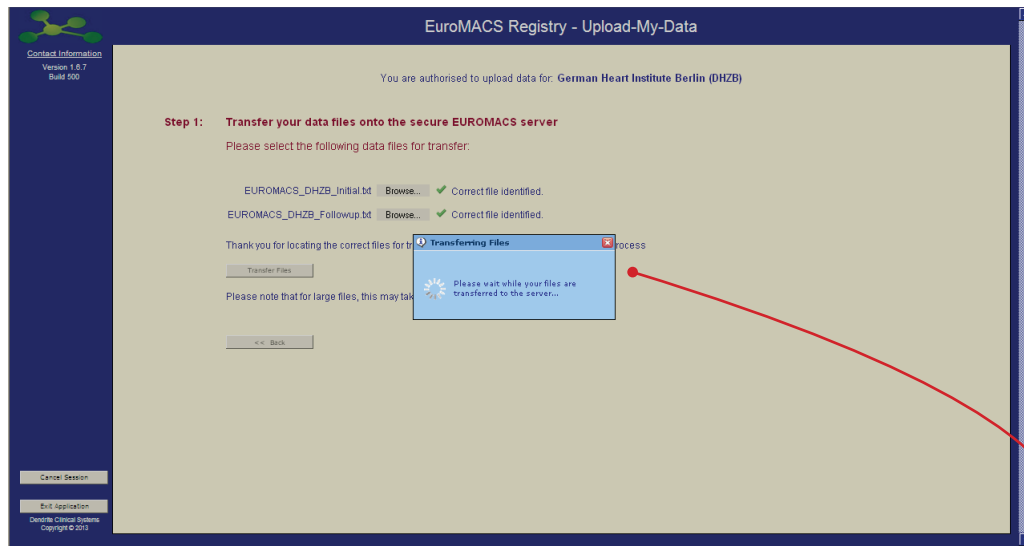
This is a screen shot where both files have been correctly identified.

If an incorrectly named file has been selected, then a red cross would appear to the right of the **Browse** button, in the place of the green tick



Transfer Files

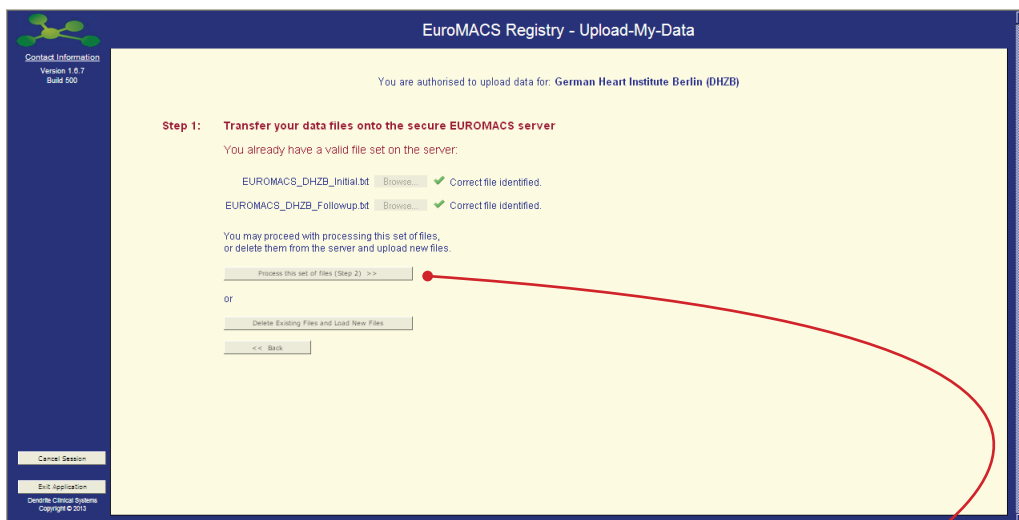
The **Transfer Files** button is only available if both the required files have been correctly identified. Click the **Transfer Files** button to transfer the files or the **Back** button to return to the previous screen



Transferring and Verifying Files

Messages will display confirming that the files are being transferred and verified

Once the files have been transferred onto the EuroMACS Registry, the Step 1 screen updates as shown in the following screen shot. The transferred files can now be processed.



Process This Set of Files

Click the **Process this set of files (Step 2) >>** button

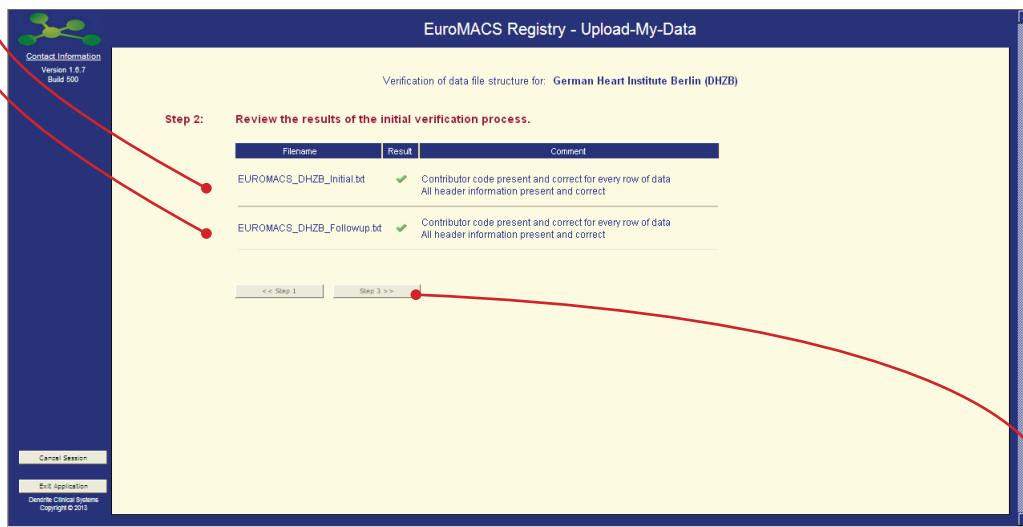


Step 2 - Review the Results of the Initial Verification Process

If there is a red cross by the filename then the file that has been transferred cannot be verified. Refer to page 20 for help on resolving this issue.

Review Results Screen

In this screen shot both transferred files have the correct contributor code (the hospital code for which data are being submitted) and header information (the first row of each data file containing field names).



Continue the Submission Process

Click the **Step 3 >>** button



Step 3 - The Upload-My-Data Program will Validate the Data in the Uploaded Files

Validate Uploaded Files

Click the **Start** button.

EuroMACS Registry - Upload-My-Data

Contact Information
Version 1.6.7
Build 500

Validation of data for: German Heart Institute Berlin (DHZB)

Step 3: The Upload-My-Data Program will now validate all the data in your uploaded files.
This will check all data for errors such as missing mandatory data, data outside limits, or incorrect data type formats:

Start

3 a. Loading your files into validation tables

EUROMACS_DHZB_Initial.bt

EUROMACS_DHZB_Followup.bt

3 b. Running validation checks on your data

EUROMACS_DHZB_Initial.bt

EUROMACS_DHZB_Followup.bt

<< Step 2 Step 4 >>

Cancel Session

Exit Application

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Uploading Files

Once the process of loading into validation tables has commenced, the **Stop** button will become active and the process can be stopped at any time.

EuroMACS Registry - Upload-My-Data

Contact Information
Version 1.6.7
Build 500

Validation of data for: German Heart Institute Berlin (DHZB)

Step 3: The Upload-My-Data Program will now validate all the data in your uploaded files.
This will check all data for errors such as missing mandatory data, data outside limits, or incorrect data type formats:

Start Stop

3 a. Loading your files into validation tables

EUROMACS_DHZB_Initial.bt

EUROMACS_DHZB_Followup.bt

3 b. Running validation checks on your data

EUROMACS_DHZB_Initial.bt

EUROMACS_DHZB_Followup.bt

<< Step 2 Step 4 >>

Cancel Session

Exit Application

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EuroMACS Registry - Upload-My-Data

Validation of data for: German Heart Institute Berlin (DHZB)

Step 3: The Upload-My-Data Program will now validate all the data in your uploaded files.
This will check all data for errors such as missing mandatory data, data outside limits, or incorrect data type formats;

Start [] []

3 a. Loading your files into validation tables

EUROMACS_DHZB_Initial.bt	100%
EUROMACS_DHZB_Followup.bt	100%

3 b. Running validation checks on your data

EUROMACS_DHZB_Initial.bt	100%
EUROMACS_DHZB_Followup.bt	100%

The validation checks have been completed.
Please continue to Step 4 to review the results.

<< Step 2 [] Step 4 >> []

Contact Information
Version 1.0.7
Build 500

Cancel Session
Exit Application
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Continue the Process

When the validation checks are complete the **Step 4 >>** button will become active.



Step 4 - Review the Results of the Data Validation

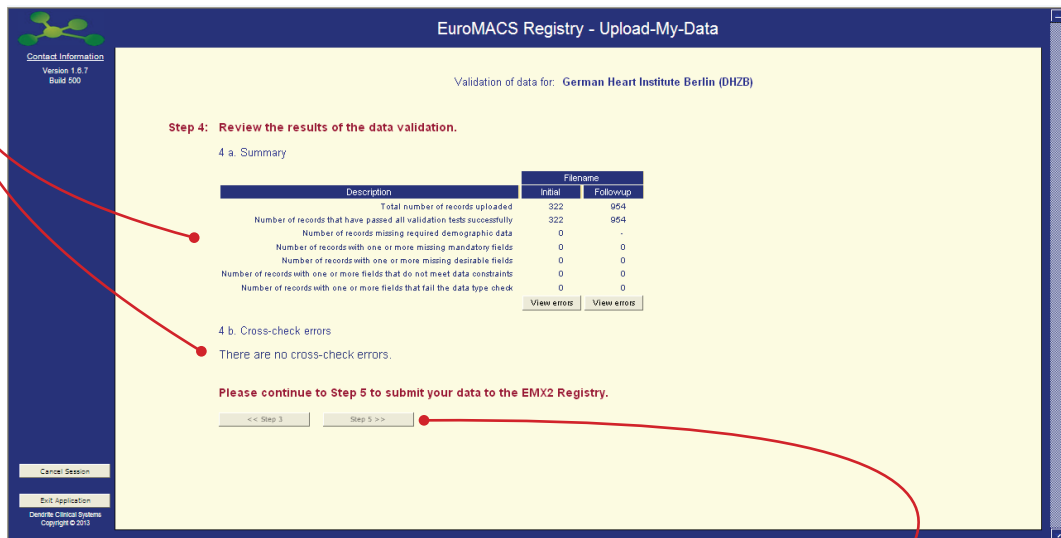
If there are any issues with any of the data fields at this stage, refer to page 25 for help on resolving these.

4 a. Summary

Displays the number of records that have not passed scrutiny because there are missing or invalid data items. In this screen shot all records have successfully passed all the validation tests so no errors are recorded

4 b. Cross-check Errors

Each record has a unique identifier that should appear in both files. The cross-checking process looks to see whether or not all instances of the unique identifier appear in both files. This makes sure that there are no orphaned (without an initial entry in the database) follow up data. In this example there are no cross-check errors

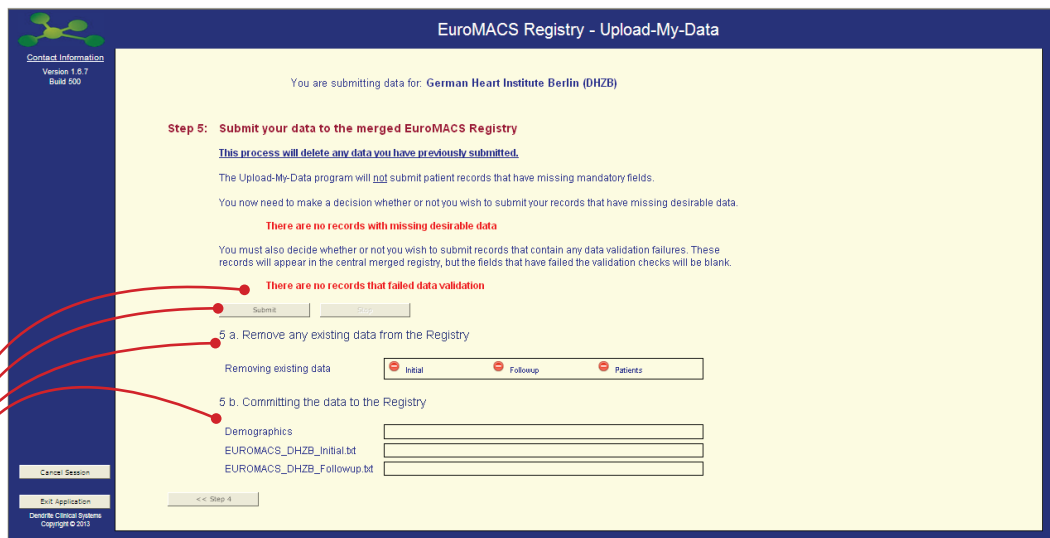


Submit Data to the SCTS UK Thoracic Surgery Registry

Click the **Step 5 >>** button



Step 5 - Submit Data to the EuroMACS Registry



Submitting Data

Click the **Submit** button to start the process: After the **Submit** button has been pressed, the **Stop** button will become active and can be clicked at any time to stop the process

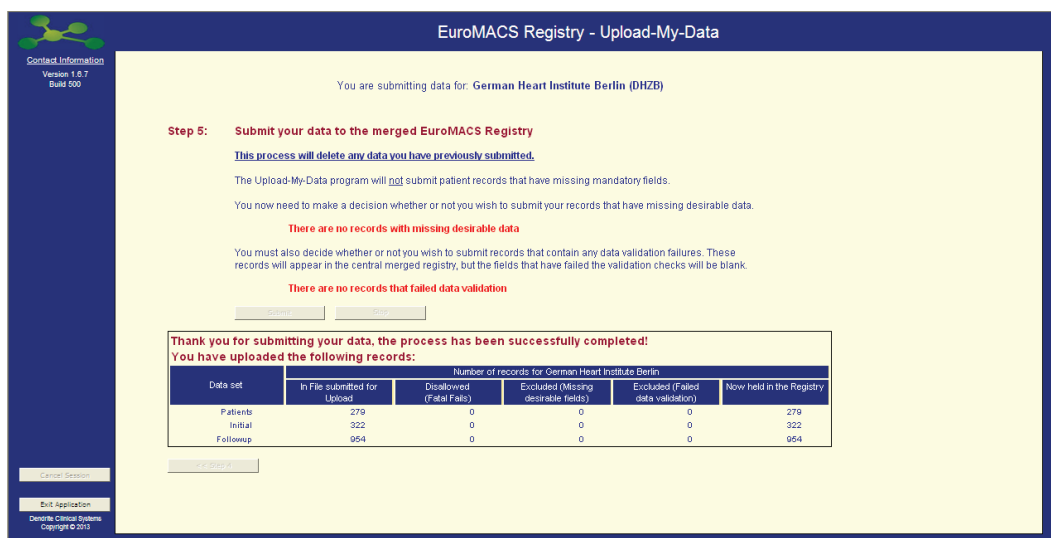
5 a. Any existing data are removed from the registry

As the data is removed the four 'No Entry' signs will be converted to Green ticks

5 b. The data are committed to the registry

As each data file is committed the progress bar will turn green

When the data have been submitted a summary of the data that has been uploaded will be displayed and a confirmation e-mail sent to the user if an e-mail address was submitted at registration

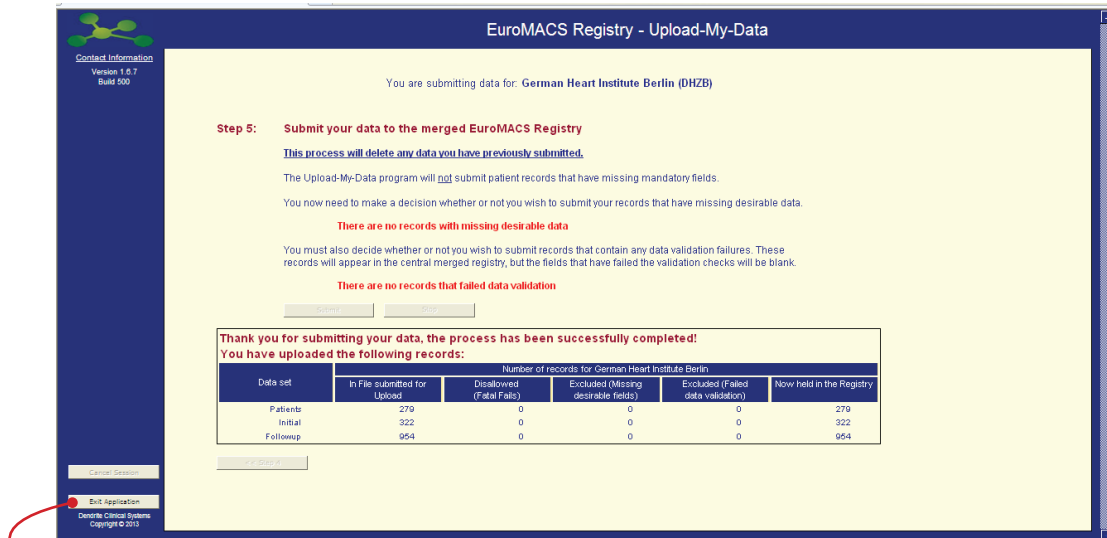


This completes the process for a successful upload.



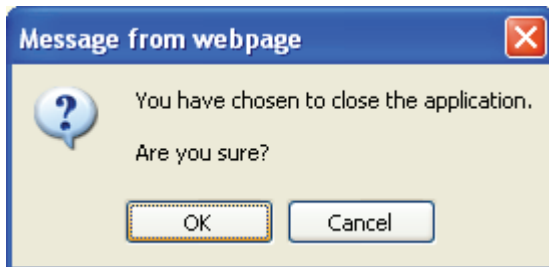
Exit Application

Once the files have been submitted the Cancel Session button becomes inactive.



Exit Application

Click the **Exit Application** button



Clicking the **OK** button will exit the application.

Clicking the **Cancel** button will cancel the exit process - the user will remain in the portal.



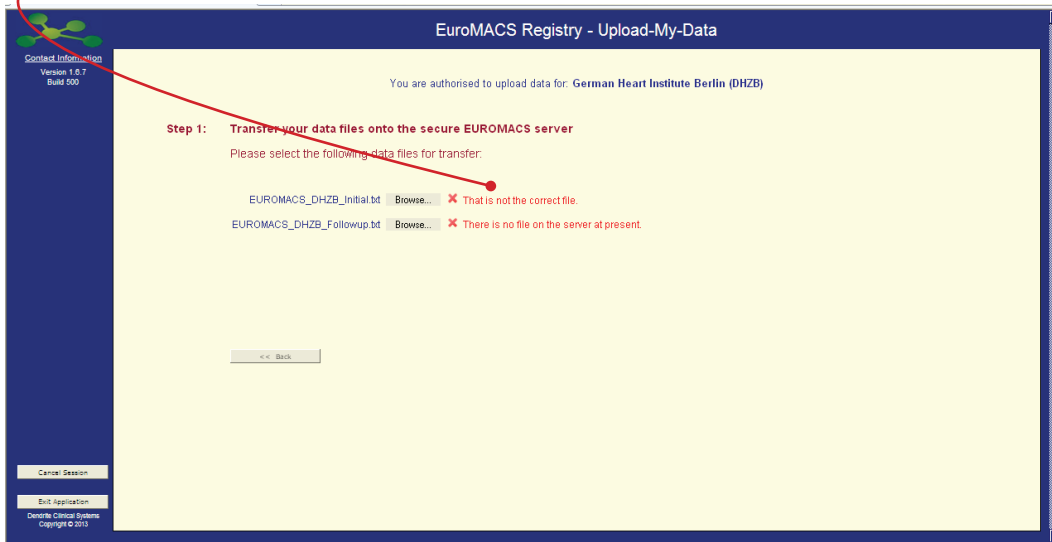
Troubleshooting

Fail Step 1 - Transfer the Data Files onto the Secure EuroMACS Server

The files for transfer MUST be named and saved as per the instructions on page 7. An incorrect file name or selecting the wrong file will generate an error message at Step 1 as shown in the example below. If this error message is generated, check the file name and amend any errors then follow the instructions for Step 1 to upload the correct file.

That is not the Correct File

Although the file name does not change on the screen, the system recognises that a file with an incorrect filename has been selected





Fail Step 2 - Review the Results of the Initial Verification Process

The verification process may identify errors in the data that have been uploaded. The errors will be displayed in three columns as shown below. The Result column identifies the file(s) with the errors, the Comments column describes the errors that have been identified and the Detail column provides a link so that the errors can be viewed.

EuroMACS Registry - Upload-My-Data

Verification of data file structure for: German Heart Institute Berlin (DHZB)

Step 2: Review the results of the initial verification process.

Filename	Result	Comment	Detail *
EUROMACS_DHZB_initial.bt	✘	One or more unrecognised headers detected	View
		One or more blank headers detected	View
		One or more required headers missing	View
		Invalid/Missing contributor code in one or more rows	View
All error summary			View All
EUROMACS_DHZB_Followup.bt	✘	One or more unrecognised headers detected	View
		One or more blank headers detected	View
		Invalid/Missing contributor code in one or more rows	View
		All error summary	View All

STOP Before you can proceed any further with the upload process you will need to address the issues as outlined above.

* The 'View' link will open a summary sheet with details of the reasons for the failures.

If you need help, please contact Dendrite Support Desk at support@e-dendrite.com, or phone +44 208 949 8999

Cancel Session
Exit Application
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<< Step 1 Step 3 >>

View Errors

Click the **View** link for each file to see the individual errors or click the **View All** link for each file to see all the errors

All errors must be viewed and corrected in the data file(s) before the data upload can continue. Guidance on correcting the errors follows.

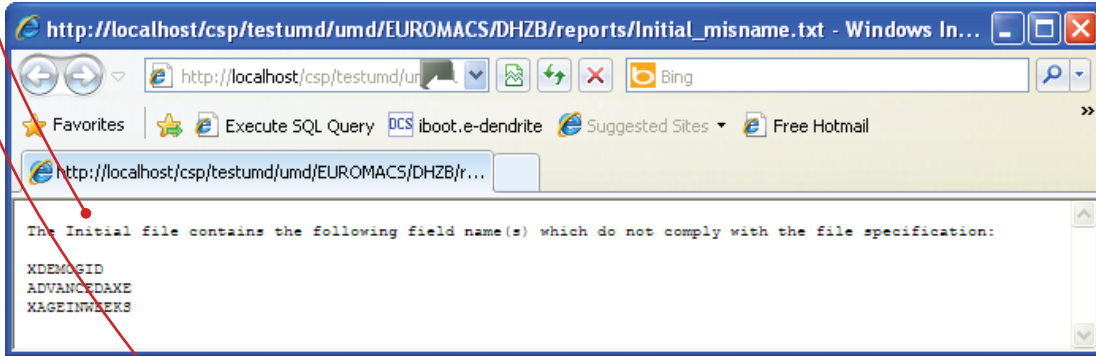


Error Example: EUROMACS_DHZB_Initial.txt

One or More Unrecognised Headers Detected

One or More Unrecognised Headers Detected

In this example errors were identified in columns E, J and L



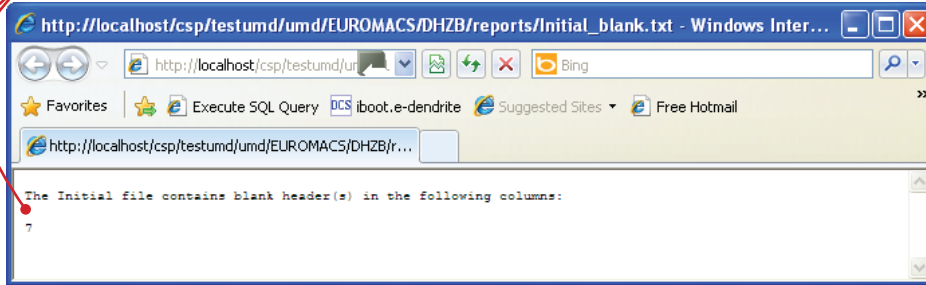
	C	D	E	F	G	H	I	J	K	L	M
	SUBMITCODE	IMPORTLINKID	DEMOGID	ACEINHIBITORS	ONDISCHARGE	ARBONADMISSION	ADDITIONALINDICATIONFORVAD	ADVANCEDAXE	AGEINMONTHS	AGEINWEEKS	AGEINYEARS
2	DHZB	44	2		1	0					82
3	DHZB	45	3		0	0					53
4	DHZB	46	4					2			63
5	DHZB	47	5		0	0		2			56
6	DHZB	48	6		0	0		2			2
7	DHZB	49	7		0	0		0			41
8	DHZB	50	7								41
9	DHZB	51	7								48
10	DHZB	52	8		0			0			61
11	DHZB	53	9		0	2		0			62
12	DHZB	54	10		0	0		0			49
13	DHZB	55	10								49
14	DHZB	56	11		0	2		0			63
15	DHZB	57	12		0	0		0			69
16	DHZB	58	13		1	0		0			54
17	DHZB	59	14		1	0		0			48
18	DHZB	60	15		0	0		0			66
19	ZZZZ	62	17								3
20	ZZZZ	65	20		0	0	2	0			47
21	DHZB	67	22		0	99	99	2			24
22	ZZZZ	68	23		1	1	99	0			42
23	DHZB	69	24		1	2	99	0			66
24	DHZB	70	25		0	99	99	0			57
25	DHZB	71	26		2		99	0			28
26		72	26								28
27	DHZB	73	27			99		0			38
28	DHZB	74	28		2		99	0			67
29		75	29		0	99	2	0			67
30	DHZB	76	30		1	2	0	0			67
31	DHZB	77	31		2	0	0	0			50
32	DHZB	78	31								50
33	DHZB	79	31								50
34	DHZB	80	31								50
35	DHZB	81	31			0	0				50



One or More Blank Headers Detected

One or More Blank Headers Detected

In this example the error was identified in column 7, which equates to column G in the original file



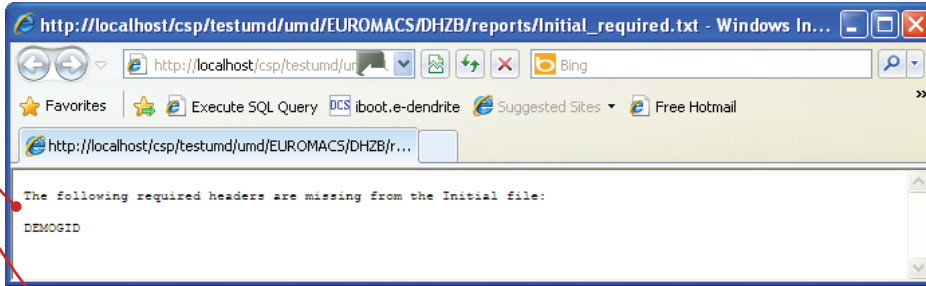
	C	D	E	F	G	H	I	J	K	L	M
	SUBMITCODE	IMPORTLINKID	xDEMOGID	ACEINHIBITORSONDISC	ARBONADMISSION	ADDITIONALINDICATIONFORVAD	ADVANCEDAXE	AGEINMONTHS	AGEINWEEKS	AGEINYEARS	
2	DHZZ		44	2	1	2	0				82
3	DHZZ		45	3	0	0					53
4	DHZZ		46	4							63
5	DHZZ		47	5	0	0					56
6	DHZZ		48	6	0	0					2
7	DHZZ		49	7	0	0					41
8	DHZZ		50	7							41
9	DHZZ		51	7							41
10	DHZZ		52	8	0						61
11	DHZZ		53	9	0	2					62
12	DHZZ		54	10	0	0					49
13	DHZZ		55	10							49
14	DHZZ		56	11	0	2					63
15	DHZZ		57	12	0	0					69
16	DHZZ		58	13	1	0					54
17	DHZZ		59	14	1	0					48
18	DHZZ		60	15	0	0					66
19	ZZZZ		62	17							3
20	ZZZZ		65	20	0	0	2				47
21	DHZZ		67	22	0	99	99				24
22	ZZZZ		68	23	1	1	99				42
23	DHZZ		69	24	1	2	99				66
24	DHZZ		70	25	0	99	99				57
25	DHZZ		71	26	2		99				28
26			72	26							28
27	DHZZ		73	27	99						39
28	DHZZ		74	28	2		99				0
29			75	29	0	99	2				67
30	DHZZ		76	30	1	2	0				67
31	DHZZ		77	31	2	0	0				50
32	DHZZ		78	31							50
33	DHZZ		79	31							50
34	DHZZ		80	31							50
35	DHZZ		81	31	0	0					50



One or More Required Headers Missing

One or More Required Headers Missing

In this example the error was found in column E.



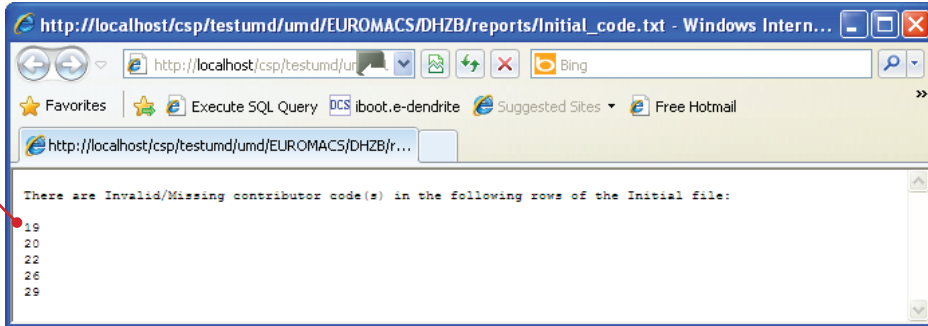
	C	D	E	F	G	H	I	J	K	L	M
	SUBMITCODE	IMPORTLINKID	DEMOGID	INHIBITORSONDISCHARGE	ARBONADMISSION	ADDITIONALINDICATIONFORVAD	ADVANCEDAGE	AGEINMONTHS	AGEINWEEKS	AGEINYEARS	
1	DHZB	44	2	1	2	0	0	0	0	82	
2	DHZB	45	3	0	0	0	0	0	0	53	
3	DHZB	46	4	0	0	0	2	0	0	63	
4	DHZB	47	5	0	0	0	2	0	0	56	
5	DHZB	48	6	0	0	0	2	0	0	2	
6	DHZB	49	7	0	0	0	0	0	0	41	
7	DHZB	50	7	0	0	0	0	0	0	41	
8	DHZB	51	7	0	0	0	0	0	0	61	
9	DHZB	52	8	0	2	0	0	0	0	62	
10	DHZB	53	9	0	0	0	0	0	0	49	
11	DHZB	54	10	0	0	0	0	0	0	49	
12	DHZB	55	10	0	0	2	0	0	0	63	
13	DHZB	56	11	0	0	0	0	0	0	69	
14	DHZB	57	12	0	0	0	0	0	0	54	
15	DHZB	58	13	1	0	0	0	0	0	48	
16	DHZB	59	14	1	0	0	0	0	0	66	
17	DHZB	60	15	0	0	0	0	0	0	3	
18	DHZB	62	17	0	0	2	0	0	0	47	
19	ZZZZ	65	20	0	0	99	2	0	0	24	
20	DHZB	67	22	0	99	99	0	0	0	42	
21	ZZZZ	68	23	1	1	99	0	0	0	66	
22	DHZB	69	24	1	2	99	0	0	0	57	
23	DHZB	70	25	0	99	99	0	0	0	28	
24	DHZB	71	26	2	99	0	0	0	0	28	
25	DHZB	72	26	99	0	0	0	0	0	38	
26	DHZB	73	27	2	99	0	0	0	0	67	
27	DHZB	74	28	0	99	2	0	0	0	67	
28	DHZB	75	29	0	99	2	0	0	0	67	
29	DHZB	76	30	1	2	0	0	0	0	50	
30	DHZB	77	31	2	0	0	0	0	0	50	
31	DHZB	78	31	0	0	0	0	0	0	50	
32	DHZB	79	31	0	0	0	0	0	0	50	
33	DHZB	80	31	0	0	0	0	0	0	50	
34	DHZB	81	31	0	0	0	0	0	0	50	
35	DHZB	81	31	0	0	0	0	0	0	50	



Invalid/Missing Contributor Code in One or More Rows

Invalid Contributor Codes

In this example, errors were identified in column C rows 19, 20, 22, 26 and 29



	B	C	D	E	F	G	H	I	J	K	L
	SPECVERSION	SUBMITCODE	IMPORTLINKID	DEMOGID	ACEINHIBITORS	ONDISCHARGE	ARBONADMISSION	ADDITIONALINDICATIONFORVAD	ADVANCEDAXE	AGEINMONTHS	xAGEIN
1											
2		0 DHZB	44	2		1	2	0		0	
3		0 DHZB	45	3		0	0	0		0	
4		0 DHZB	46	4						2	
5		0 DHZB	47	5			0	0		2	
6		0 DHZB	48	6			0	0		2	
7		0 DHZB	49	7			0	0		0	
8		0 DHZB	50	7							
9		0 DHZB	51	7							
10		0 DHZB	52	8			0			0	
11		0 DHZB	53	9		0	2			0	
12		0 DHZB	54	10		0	0	0		0	
13		0 DHZB	55	10							
14		0 DHZB	56	11			0	2		0	
15		0 DHZB	57	12			0	0		0	
16		0 DHZB	58	13		1	0	0		0	
17		0 DHZB	59	14		1	0	0		0	
18		0 DHZB	60	15		0	0	0		0	
19		0 /ZZZ	62	17							
20		0 /ZZZ	65	20		0	0	2		0	
21		0 DHZB	67	22		0	99	99		2	
22		0 /ZZZ	68	23		1	1	99		0	
23		0 DHZB	69	24		1	2	99		0	
24		0 DHZB	70	25		0	99	99		0	
25		0 DHZB	71	26			2	99		0	
26		0	72	26							
27		0 DHZB	73	27			99			0	
28		0 DHZB	74	28			2	99		0	
29		0	75	29		0	99	2		0	
30		0 DHZB	76	30		1	2	0		0	
31		0 DHZB	77	31		2	0	0		0	
32		0 DHZB	78	31							
33		0 DHZB	79	31							
34		0 DHZB	80	31							
35		0 DHZB	81	31		0		0			

Make sure that all the files are checked and any errors are fixed. When all the listed errors for all the files have been corrected, re-run the process from Step 1 until the files have been successfully submitted.



Fail Step 4 - Review the Results of the Data Validation

Step 4 a. Summary

The validation process may identify missing or incorrect data in the data files. The details are displayed for each file. The example below shows that from this set of data there are 2 records with one or more missing mandatory fields, 13 records with one or more missing desirable fields, 5 records with one or more fields that do not meet data constraints and 7 records with one or more records that fail the data type check in the Initial file. There are also a number of records that fail data validation in the Followup file.

Validation of data for: German Heart Institute Berlin (DHZB)

Step 4: Review the results of the data validation.

4 a. Summary

Description	Files	
	Initial	Followup
Total number of records uploaded	322	954
Number of records that have passed all validation tests successfully	298	906
Number of records missing required demographic data	0	-
Number of records with one or more missing mandatory fields	2	39
Number of records with one or more missing desirable fields	13	0
Number of records with one or more fields that do not meet data constraints	5	3
Number of records with one or more fields that fail the data type check	7	0

4 b. Cross-check errors

There are no cross-check errors.

Please continue to Step 5 to submit your data to the EMX2 Registry.

<< Step 3 Step 5 >>

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View Errors

To view the errors click the **View errors** button for any file that contains errors



Once the Data Validation Summary file has been opened it will display the errors. The following screen shots show the errors for the Initial and Followup files, the first tab shows all errors, the other tabs can be clicked to show only those errors described in the tab label. The data should then be corrected in the source database and new upload files generated prior to submission. The **Back** button can be used at any time to return to the previous screen

Initial Errors

Image showing File name; Error key and List of errors

EuroMACS Registry - Upload-My-Data
Data Validation Fail Summary for Initial

Back Download a fail summary for Initial as a CSV file.

Mandatory Desirable Out-of-range Invalid data

All errors found Missing mandatory data Missing desirable data Out-of-range Invalid data

FileRow	IMPORTLNIND	BLOODTYPE	SYSTOLICBP	DATEGENERALH	DEVCETYPE
6	40	missing			
7	50	missing	310		
8	51		320	nodata	
9	52		330		
10	53		-94		
11	54		10		
12	55			nodata	
18	62			nodata	
25	72				missing
27	74				missing
28	75				missing
29	76				missing
30	77				missing
31	78			nodata	missing
32	79			nodata	
33	80			nodata	
37	84				missing
38	85				missing
39	86				missing
40	87				missing
41	88				missing
42	89				missing
43	90				missing
44	91				missing

Cancel Session
Exit Application
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Change the File Viewed

To toggle between the Initial file and the Followup file, use the drop down box indicated here

EuroMACS Registry - Upload-My-Data
Data Validation Fail Summary for Initial

Back Download a fail summary for Initial as a CSV file.

Mandatory Desirable Out-of-range Invalid data

All errors found Missing mandatory data Missing desirable data Out-of-range Invalid data

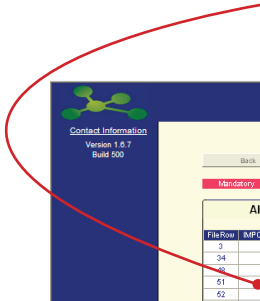
FileRow	IMPORTLNIND	BLOODTYPE	SYSTOLICBP	DATEGENERALH	DEVCETYPE
6	40	missing			
7	50	missing	310		
8	51		320	nodata	
9	52		330		
10	53		-94		
11	54		10		
12	55			nodata	
18	62			nodata	
25	72				missing
27	74				missing
28	75				missing
29	76				missing
30	77				missing
31	78			nodata	missing
32	79			nodata	
33	80			nodata	
37	84				missing
38	85				missing
39	86				missing
40	87				missing
41	88				missing
42	89				missing
43	90				missing
44	91				missing

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Exit Application
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Followup Errors

Image showing the errors in the Followup file



EuroMACS Registry - Upload-My-Data

Data Validation Fail Summary for Followup

[Download a fail summary for Followup as a CSV file.](#)

Mandatory
Desirable
Out-of-range
Invalid data

All errors found

FileRow	IMPORTLNKID	TYPEEVENT	DATEOFBLEED	RVEFPERCENT	SEVEREDIABET	SMOKINGHISTO	SYMPTOMATICPE	TMINOOFDEAT	TRANSPLANTDA	WASTHEDEVCE	WHICHOFTHETC
3	44	missing									
34	50	missing									
49	71	missing									
51	72		nodate								
62	72		nodate								
53	70		nodate								
54	72		nodate								
55	74		nodate								
56	73		nodate								
60	77	missing									
61	79	missing									
62	79	missing									
63	80	missing									
113	97	missing									
134	112	missing									
139	118	missing									
143	120	missing									
164	124	missing									
171	130	missing									
173	130	missing									
174	133	missing									
184	137	missing									
194	139	missing									
206	142	missing									
212	148	missing									
224	159	missing									
239	162	missing									
311	171	missing									
343	189	missing									
382	197	missing									

[Cancel Session](#)
[Exit Application](#)
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Submitting Data that Contains Errors

Some fields in the EuroMACS Registry are designated “Mandatory”; this means that these fields are absolutely required for an entry in the database. If there are any missing mandatory fields in a record-row the Upload-My-Data program will **NOT** submit any of the data for that row. However, records with no missing mandatory fields can be uploaded even if they have one or more other errors: desirable fields, data that do not comply with constraints set within the database (all such errors are represented by null data in the final upload), data that fail data-type checks (again, these erroring data-items will be represented by null data in the final upload).

EuroMACS Registry - Upload-My-Data

Contact Information
Version 1.6.7
Build 500

Validation of data for: **German Heart Institute Berlin (DHZB)**

Step 4: Review the results of the data validation.

4 a. Summary

Description	Filename	
	Initial	Followup
Total number of records uploaded	322	954
Number of records that have passed all validation tests successfully	298	908
Number of records missing required demographic data	0	-
Number of records with one or more missing mandatory fields	2	39
Number of records with one or more missing desirable fields	13	0
Number of records with one or more fields that do not meet data constraints	5	3
Number of records with one or more fields that fail the data type check	7	8

4 b. Cross-check errors
There are no cross-check errors.

Please continue to Step 5 to submit your data to the EMX2 Registry.

<< Step 3 Step 5 >>

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Submit Data

Click the **Step 5 >>** button



Submitting Data Omitting Records that have Errors

Submitting Data Omitting Records that have Errors

Selecting the **No** option for submitting records with missing desirable data will exclude those records from the upload. Selecting the **Yes** option will submit these records

Selecting the **No** option for submitting records with data validation failures will exclude those records from the upload. Selecting the **Yes** option will submit the records, but the fields that have failed the validation checks will be set to null in the final upload.

Step 5: Submit your data to the merged EuroMACS Registry
This process will delete any data you have previously submitted.
 The Upload-My-Data program will not submit patient records that have missing mandatory fields.
 You now need to make a decision whether or not you wish to submit your records that have missing desirable data.

I wish to submit records with missing desirable data No Yes

You must also decide whether or not you wish to submit records that contain any data validation failures. These records will appear in the central merged registry, but the fields that have failed the validation checks will be blank.

I wish to submit records that failed data validation No Yes

Thank you for submitting your data, the process has been successfully completed!
 You have uploaded the following records:

Data set	In File submitted for Upload	Number of records for German Heart Institute Berlin			Now held in the Registry
		Disallowed (Fatal Fails)	Excluded (Missing desirable fields)	Excluded (Failed data validation)	
Patients	279	2	0	0	263
Initial	322	2	13	11	288
Followup	954	39	0	10	850

Submit Data

Click the **Submit** button



The following screen shot shows the result of excluding records that contain errors.

UK Thoracic Surgery Registry - Upload-My-Data

Contact Information
Version 1.0.7
Build 500

You are submitting data for: St Elsewhere (STE)

Step 5: Submit your data to the merged UK Thoracic Surgery Registry
This process will delete any data you have previously submitted.

The Upload-My-Data program will not submit patient records that have missing mandatory fields.
You now need to make a decision whether or not you wish to submit your records that have missing desirable data.

I wish to submit records with missing desirable data No Yes

You must also decide whether or not you wish to submit records that contain any data validation failures. These records will appear in the central merged registry, but the fields that have failed the validation checks will be blank.

I wish to submit records that failed data validation No Yes

Thank you for submitting your data, the process has been successfully completed!
You have uploaded the following records:

Data set	Number of records for St Elsewhere				Now held in the Registry
	In File submitted for Upload	Disallowed (Fatal Fails)	Excludes (Missing desirable fields)	Excluded (Failed data validation)	
Patients	1,181	0	0	0	1,181
Initial	1,181	0	5	5	1,171
Followup	2,040	0	0	0	2,040

Cancel Selection
Exit Application
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Step 4 b. Cross-check Errors

At validation, the system may report cross-check errors. The class of errors identifies records found in the subsidiary file (the follow up file in this instance) and the initial file. The example below shows that from this set of data there are 11 records that have cross-check errors.

Validation of data for: **German Heart Institute Berlin (DHZB)**

Step 4: Review the results of the data validation.

4 a. Summary

Description	Filename	
	Initial	Followup
Total number of records uploaded	322	954
Number of records that have passed all validation tests successfully	322	954
Number of records missing required demographic data	0	-
Number of records with one or more missing mandatory fields	0	0
Number of records with one or more missing desirable fields	0	0
Number of records with one or more fields that do not meet data constraints	0	0
Number of records with one or more fields that fail the data type check	0	0

[View errors](#) [View error](#)

4 b. Cross-check errors

Download a CSV file of all the cross-check errors: [EUROMACS_DHZB_CrosscheckFails.csv](#)

Rows in the Followup files that do not have a matching ImportLinkID in the Initial file cannot be submitted to the merged database.

In Followup but not Initial	
File Row	ImportLinkID
2	44
3	44
4	46
5	46
6	46
7	46
8	47
29	954
30	954
34	956
35	956
36	956
37	956
38	956
76	46

[View errors](#) [View error](#)

Please continue to Step 5 to submit your data to the EMX2 Registry.

View the cross-check errors

Only the first 20 rows of errors will be shown on the screen - to view all the cross-check errors click the **EUROMACS_DHZB_CrosscheckFails.csv** file to download it, then **Open** the file



This file will provide information for all records that fail cross-check validation.

	A	B	C	D	E	F	G	H	I	J
1	In Followup but not Initial									
2	File Row	IMPORTLINKID								
3		2	44							
4		3	44							
5		4	45							
6		5	45							
7		6	45							
8		7	46							
9		8	47							
10		29	954							
11		30	954							
12		34	956							
13		35	956							
14		36	956							
15		37	956							
16		38	956							
17		76	45							
18										
19										

The files should be opened and all cross-check failures corrected prior to submission. The screen shot below shows where some cross-check errors have occurred in the Followup file. The Upload-My-Data program will allow the user to upload data with cross-check errors but those records where the cross-checks have failed will not be submitted to the Thoracic Surgery registry.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S												
1		SPEC	VER	SUBMIT	CIMPORT	LI	ACEIN	HIB	ACEIN	HIB	ACUTE	CA	ADDI	TION	ADVANCE	ADVERSE	AGEIN	MO	AGEIN	WE	AGEOF	IN	AGEOF	IN	ALBUMIN	ALBUMIN	ALBUMIN	ALBUMIN	ALCOHOL	AL	
2		0	DH	ZB																											
3		0	DH	ZB																											
4		0	DH	ZB																											
5		0	DH	ZB																											
6		0	DH	ZB																											
7		0	DH	ZB						0																					
8		0	DH	ZB						0																					
9		0	DH	ZB						47																					
10		0	DH	ZB						49																					
11		0	DH	ZB						49																					
12		0	DH	ZB						50																					
13		0	DH	ZB						49																					
14		0	DH	ZB						52																					
15		0	DH	ZB						53																					
16		0	DH	ZB						53																					
17		0	DH	ZB						53																					
18		0	DH	ZB						53																					
19		0	DH	ZB						54																					
20		0	DH	ZB						54																					
21		0	DH	ZB						54																					
22		0	DH	ZB						54																					
23		0	DH	ZB						54																					
24		0	DH	ZB						54																					
25		0	DH	ZB						54																					
26		0	DH	ZB						54																					
27		0	DH	ZB						54																					
28		0	DH	ZB						54																					
29		0	DH	ZB						54																					
30		0	DH	ZB						54																					
31		0	DH	ZB						954																					
32		0	DH	ZB						54																					
33		0	DH	ZB						54																					

View the cross-check errors
These are the fields that need to be corrected



If the cross-checks are not corrected and the user continues to submit the data, then the result of the submission will be shown as below. The records where the cross-check validation failed will be automatically excluded.

EuroMACS Registry - Upload-My-Data

You are submitting data for: **German Heart Institute Berlin (DHZB)**

Step 5: Submit your data to the merged EuroMACS Registry
This process will delete any data you have previously submitted.

The Upload-My-Data program will not submit patient records that have missing mandatory fields.
 You now need to make a decision whether or not you wish to submit your records that have missing desirable data.

There are no records with missing desirable data

You must also decide whether or not you wish to submit records that contain any data validation failures. These records will appear in the central merged registry, but the fields that have failed the validation checks will be blank.

There are no records that failed data validation

Thank you for submitting your data, the process has been successfully completed!
You have uploaded the following records:

Data set	In File submitted for Upload	Number of records for German Heart Institute Berlin			Now held in the Registry
		Disallowed (Fatal Fails)	Excluded (Missing desirable fields)	Excluded (Failed data validation)	
Patients	279	0	0	0	279
Initial	322	0	0	0	322
Followup	954	15	0	0	939

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