



Module 9

Transfer to MPOG Central



Transfer to MPOG Overview

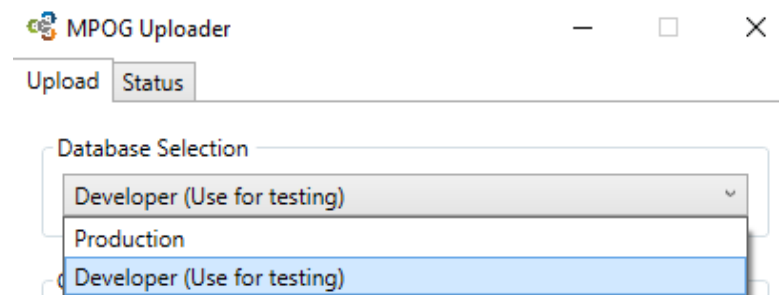
- Exports cases from your Local MPOG database and sends them to the MPOG Central Repository
- **A 'Test Transfer' of your local data to 'MPOG Central' is required prior to the initial 'Production Transfer.'**
- MPOG QI Coordinators will assist you with initial upload to the MPOG Central TEST and Production environments.
- Prior to transferring data to MPOG Central, PHI Scrubbing must occur. Refer to 'Module 8: PHI Scrubber' for more details on how to complete the scrubbing process.

Accessing Transfer to MPOG Central

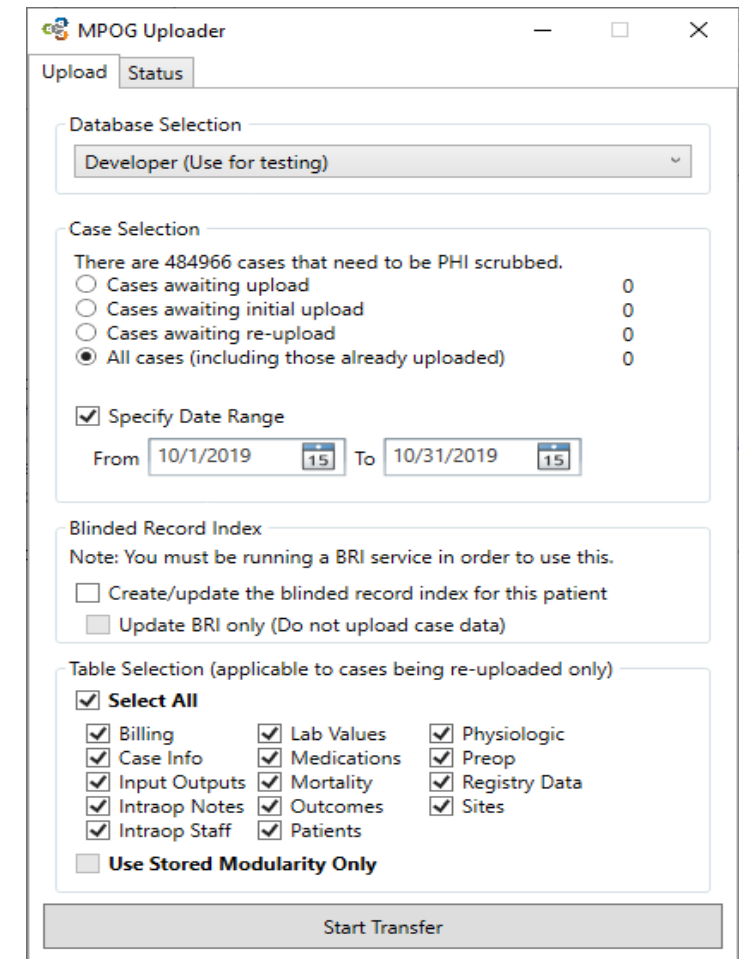


Transferring to MPOG Central – TEST Environment

- Test environment allows sites to transfer data to the Coordinating Center without impacting the larger production data set used for research and quality improvement activities.
- A QI Coordinator will direct the transfer process for initial upload.
- Open the 'Database Selection' dropdown window and select the 'Developer (Use for testing)' option.



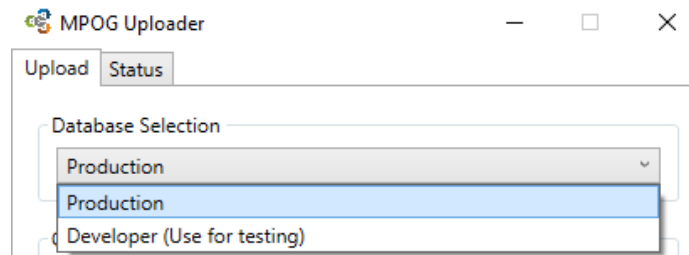
- Ensure the following selections have been made prior to beginning the transfer process (The QI Coordinator will advise on the date range to transfer for initial upload)
- Once cases have processed in Central, a QI Coordinator will review your data and contact you with how to proceed.



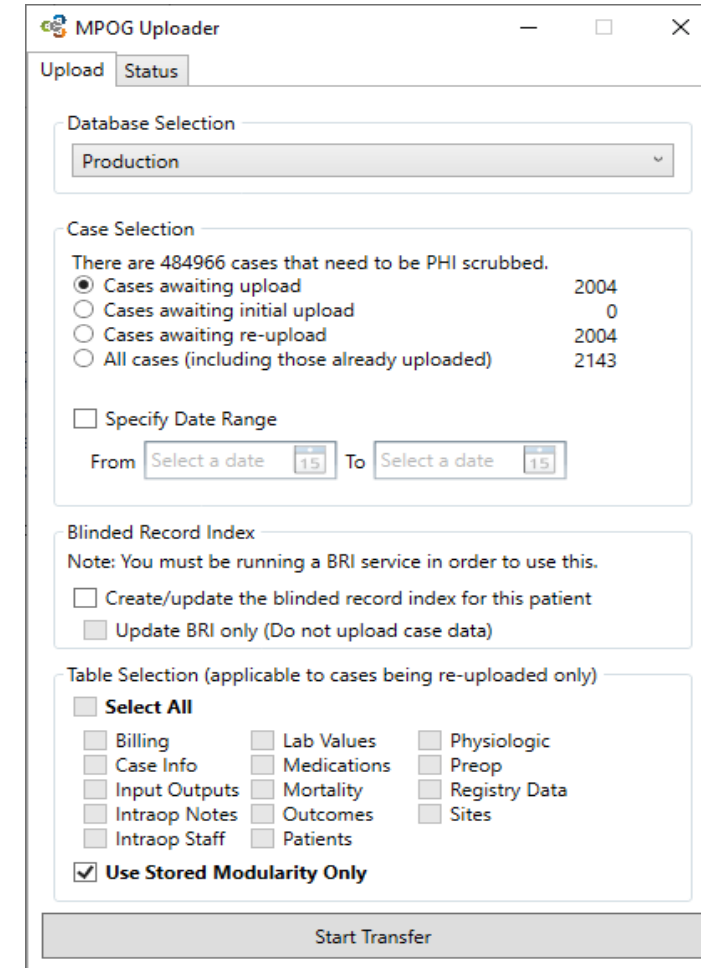
The screenshot shows the 'MPOG Uploader' application window with the 'Status' tab selected. The interface includes a 'Database Selection' dropdown menu set to 'Developer (Use for testing)'. Below this is the 'Case Selection' section, which states 'There are 484966 cases that need to be PHI scrubbed.' and lists four radio button options: 'Cases awaiting upload' (0), 'Cases awaiting initial upload' (0), 'Cases awaiting re-upload' (0), and 'All cases (including those already uploaded)' (0). The 'All cases' option is selected. A 'Specify Date Range' checkbox is checked, with date pickers showing 'From 10/1/2019' and 'To 10/31/2019'. The 'Blinded Record Index' section contains a note about running a BRI service and two unchecked checkboxes: 'Create/update the blinded record index for this patient' and 'Update BRI only (Do not upload case data)'. The 'Table Selection' section, applicable to re-uploads, has a 'Select All' checkbox checked and a grid of 12 individual checkboxes for various data tables (Billing, Case Info, Input Outputs, Intraop Notes, Intraop Staff, Lab Values, Medications, Mortality, Outcomes, Patients, Physiologic, Preop, Registry Data, Sites), all of which are checked. A 'Use Stored Modularity Only' checkbox is unchecked. A 'Start Transfer' button is at the bottom.

Transferring to MPOG Central – **PRODUCTION** Environment

- **Note: An MPOG QI Coordinator or MPOG Director must approve first upload to the MPOG Central Production Environment.** Please contact the Coordinating Center for directions on how to execute your first transfer to production.
- Open 'Transfer to MPOG Central' in the MPOG Suite.
- In the Database Selection window, check that the default selection for 'Production' is highlighted in the dropdown menu.



Next, ensure the following selections have been made prior to beginning the production transfer process and select 'Start Transfer:'



The screenshot shows the 'MPOG Uploader' application window with the 'Upload' tab selected. The interface includes the following sections:

- Database Selection:** A dropdown menu set to 'Production'.
- Case Selection:**
 - A message: 'There are 484966 cases that need to be PHI scrubbed.'
 - Four radio button options:
 - ☒ Cases awaiting upload (2004)
 - ☐ Cases awaiting initial upload (0)
 - ☐ Cases awaiting re-upload (2004)
 - ☐ All cases (including those already uploaded) (2143)
 - ☐ Specify Date Range, with 'From' and 'To' date pickers both set to '15'.
- Blinded Record Index:**
 - Note: 'You must be running a BRI service in order to use this.'
 - ☐ Create/update the blinded record index for this patient
 - ☐ Update BRI only (Do not upload case data)
- Table Selection (applicable to cases being re-uploaded only):**
 - ☐ Select All
 - A grid of checkboxes for various data tables: Billing, Case Info, Input Outputs, Intraop Notes, Intraop Staff, Lab Values, Medications, Mortality, Outcomes, Patients, Physiologic, Preop, Registry Data, and Sites.
 - ☒ Use Stored Modularity Only
- Start Transfer:** A large button at the bottom of the window.

After clicking 'Start Transfer' a window will display the date range and case count that you have selected for upload. Review the attestation on the left – If all four items have been completed, select 'Submit Data' to begin transfer.

Upload Agreement

By clicking "Submit Data", you attest the following:

1) That you have PHI scrubbed your data to comply with the Multicenter Perioperative Outcomes Groups guidelines and that your data constitute a limited dataset.

2) That you have Institutional Review Board approval from your institution to submit this data and that this approval has not lapsed or otherwise expired.

3) That you are submitting these data to the Multicenter Perioperative Outcomes Group of your own volition. These data may be removed from the central database at any time, upon request.

4) That you have followed all guidelines detailed elsewhere, including but not limited to the Data Use Agreement(s) between your institution and the University of Michigan.

| Month | Case Count | Date Range |
|----------|------------|-----------------------|
| 2/1/2019 | 7,633 | 2/1/2019 to 2/28/2019 |

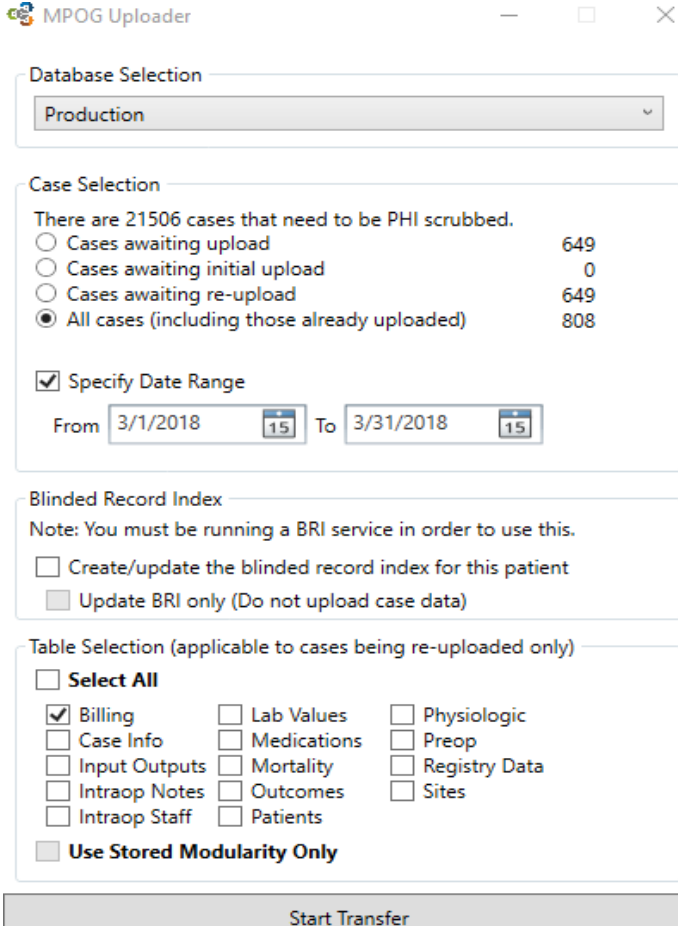
Submit Data

Cancel

Resubmitting Data for Transfer to MPOG Central

- Occasionally, specific data type and/or date range may require re-submission to MPOG Central due to changes that were made in your site's MPOG local database after the previously scheduled monthly data upload (i.e. 'Billing' or 'Intraop Notes')

To resubmit data, such as 'Billing' to MPOG Central, ensure the following selections have been made in the MPOG Uploader window prior to beginning the production transfer process:



The screenshot shows the MPOG Uploader application window. It includes a 'Database Selection' dropdown set to 'Production'. The 'Case Selection' section shows a total of 21506 cases needing PHI scrubbing, with a list of case types and counts. A 'Specify Date Range' checkbox is checked, with dates set from 3/1/2018 to 3/31/2018. The 'Blinded Record Index' section has a note and two checkboxes. The 'Table Selection' section has a 'Select All' checkbox and a grid of individual table checkboxes, with 'Billing' checked. A 'Use Stored Modularity Only' checkbox is at the bottom. A 'Start Transfer' button is at the very bottom.

| Case Selection | Count |
|---|-------|
| <input type="radio"/> Cases awaiting upload | 649 |
| <input type="radio"/> Cases awaiting initial upload | 0 |
| <input type="radio"/> Cases awaiting re-upload | 649 |
| <input checked="" type="radio"/> All cases (including those already uploaded) | 808 |

☒ Specify Date Range
From: 3/1/2018 To: 3/31/2018

Blinded Record Index
Note: You must be running a BRI service in order to use this.
☐ Create/update the blinded record index for this patient
☐ Update BRI only (Do not upload case data)

Table Selection (applicable to cases being re-uploaded only)
☐ **Select All**

| | | |
|---|--------------------------------------|--|
| <input checked="" type="checkbox"/> Billing | <input type="checkbox"/> Lab Values | <input type="checkbox"/> Physiologic |
| <input type="checkbox"/> Case Info | <input type="checkbox"/> Medications | <input type="checkbox"/> Preop |
| <input type="checkbox"/> Input Outputs | <input type="checkbox"/> Mortality | <input type="checkbox"/> Registry Data |
| <input type="checkbox"/> Intraop Notes | <input type="checkbox"/> Outcomes | <input type="checkbox"/> Sites |
| <input type="checkbox"/> Intraop Staff | <input type="checkbox"/> Patients | |

☐ Use Stored Modularity Only

Start Transfer

Blinded Record Index (BRI)

- Approved by the federal government registries manual as non-PHI
- BRI is a method of using a secure hashing algorithm to match PHI data sets without actually sharing any PHI
- This can allow data systems to match patients without the risk of sharing protected patient information
- For more information on how BRI works, visit our [website](#).

BRI Uploading

- Use the MPOG Uploader to BRI your data
- In the Blinded Record Index section, make selections based on whether you are blinding historical or new data (see next slide)
- Uploading all case data will take longer than updating BRI only
- If there are no changes to the data the require re-upload, we recommend that you be sure to select the “Update BRI only” box

Historical Upload

MPOG Uploader

Database Selection
Production

Case Selection
There are 10564 cases that need to be PHI scrubbed.

- ☐ Cases awaiting upload 57749
- ☐ Cases awaiting initial upload 2
- ☐ Cases awaiting re-upload 57747
- ☒ All cases (including those already uploaded) 66431

☒ Specify Date Range
From 1/1/2019 To 8/31/2019

Blinded Record Index
Note: You must be running a BRI service in order to use this.

☒ Create/update the blinded record index for this patient
☒ Update BRI only (Do not upload case data)

Table Selection (applicable to cases being re-uploaded only)

☒ **Select All**

| | | |
|---|---|---|
| <input checked="" type="checkbox"/> Billing | <input checked="" type="checkbox"/> Lab Values | <input checked="" type="checkbox"/> Physiologic |
| <input checked="" type="checkbox"/> Case Info | <input checked="" type="checkbox"/> Medications | <input checked="" type="checkbox"/> Preop |
| <input checked="" type="checkbox"/> Input Outputs | <input checked="" type="checkbox"/> Mortality | <input checked="" type="checkbox"/> Registry Data |
| <input checked="" type="checkbox"/> Intraop Notes | <input checked="" type="checkbox"/> Outcomes | <input checked="" type="checkbox"/> Sites |
| <input checked="" type="checkbox"/> Intraop Staff | <input checked="" type="checkbox"/> Patients | |

☐ Use Stored Modularity Only

Start Transfer

Monthly Upload

MPOG Uploader

Database Selection
Production

Case Selection
There are 8517 cases that need to be PHI scrubbed.

- ☒ Cases awaiting upload 137709
- ☐ Cases awaiting initial upload 79962
- ☐ Cases awaiting re-upload 57747
- ☐ All cases (including those already uploaded) 238351

☐ Specify Date Range
From 1/1/2019 To 8/31/2019

Blinded Record Index
Note: You must be running a BRI service in order to use this.

☒ Create/update the blinded record index for this patient
☐ Update BRI only (Do not upload case data)

Table Selection (applicable to cases being re-uploaded only)

☐ **Select All**

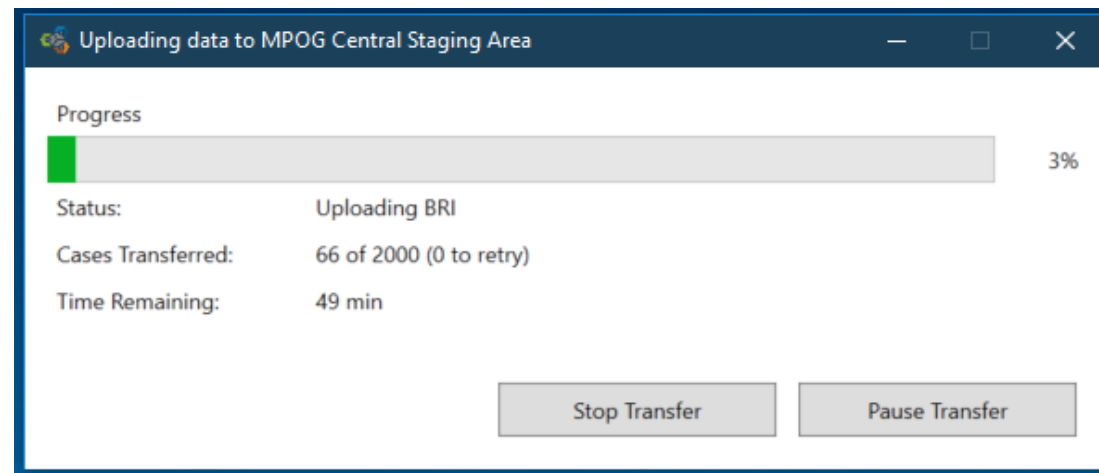
| | | |
|--|--------------------------------------|--|
| <input type="checkbox"/> Billing | <input type="checkbox"/> Lab Values | <input type="checkbox"/> Physiologic |
| <input type="checkbox"/> Case Info | <input type="checkbox"/> Medications | <input type="checkbox"/> Preop |
| <input type="checkbox"/> Input Outputs | <input type="checkbox"/> Mortality | <input type="checkbox"/> Registry Data |
| <input type="checkbox"/> Intraop Notes | <input type="checkbox"/> Outcomes | <input type="checkbox"/> Sites |
| <input type="checkbox"/> Intraop Staff | <input type="checkbox"/> Patients | |

☒ Use Stored Modularity Only

Start Transfer

BRI Upload Tracking

- Once you select 'start transfer', a status bar will appear with an estimated processing time.



A status tab located in the MPOG uploader which displays which cases have been uploaded versus what cases have a blinded record index.

MPOG Uploader

Upload **Status**

Cases

| Month | Total | To Scrub | Never Sent | To Resend |
|----------------|-------|----------|------------|-----------|
| September 2019 | 1,578 | 1,578 | 1,578 | 0 |
| August 2019 | 8,682 | 0 | 1 | 228 |
| July 2019 | 8,603 | 0 | 0 | 960 |
| June 2019 | 8,070 | 0 | 36 | 903 |
| May 2019 | 8,397 | 0 | 0 | 1,647 |
| April 2019 | 8,764 | 0 | 0 | 1,074 |
| March 2019 | 7,851 | 0 | 0 | 1,789 |
| February 2019 | 7,633 | 0 | 0 | 1,173 |
| January 2019 | 8,431 | 0 | 0 | 847 |
| December 2018 | 7,161 | 0 | 0 | 1,757 |
| November 2018 | 8,133 | 0 | 0 | 211 |
| October 2018 | 8,617 | 0 | 0 | 1,525 |
| September 2018 | 7,307 | 0 | 0 | 1,978 |

BRI

| Month | Total | Sent | Not Sent |
|----------------|-------|-------|----------|
| September 2019 | 1,578 | 0 | 1,578 |
| August 2019 | 8,682 | 7,446 | 1,236 |
| July 2019 | 8,603 | 8,603 | 0 |
| June 2019 | 8,070 | 1,992 | 6,078 |
| May 2019 | 8,397 | 2,134 | 6,263 |
| April 2019 | 8,764 | 7,406 | 1,358 |
| March 2019 | 7,851 | 7,850 | 1 |
| February 2019 | 7,633 | 1,908 | 5,725 |
| January 2019 | 8,431 | 2,026 | 6,405 |
| December 2018 | 7,161 | 7,121 | 40 |
| November 2018 | 8,133 | 7,158 | 975 |
| October 2018 | 8,617 | 1,922 | 6,695 |
| September 2018 | 7,307 | 1,500 | 5,807 |