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| Ontario Health (Cancer Care Ontario) |
| Midostaurin Manual Data Collection Data Dictionary |
| **High Cost Drug** |
| **5/31/2021** |

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# Version Control

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| --- | --- | --- | --- |
| Date | Description | TFS# | Owner |
| August 30, 2019 | Data Dictionary Drafted | n/a | Cassandra McKay |
| May 1, 2020 | Updated submission timelines and facility numbers | n/a | Cassandra McKay |
| May 31, 2021 | Annual Review | n/a | Cassandra McKay |

# Data Elements for Midostaurin

| **#** | **Data Element** | **COLUMN\_NAME** | **Definition (Description)** | **Format** | **Valid values(Notes)** | **Applies to** | **Purpose and Use** | **Mandatory** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | Number of AML patients with a FLT3+ mutation | Number\_AML\_FLT3+ | For each quarter, report on the unique number of AML patients (count) with a FLT3+ mutation who are eligible for induction chemotherapy. If a patient overlaps quarters, report the patient in the quarter that the diagnosis is identified. | NUM(3) | Valid values: 0-999 | All | Health system planning, quality improvement and funding. | Yes |
| 2 | Fiscal Quarter | Fiscal\_Quarter | Fiscal Quarter which the treatment takes place in. | CHAR(2) | Must be a valid drop down option. | All | Health system planning, quality improvement and funding. | Yes |
| 3 | Facility Number | Facility\_Number | Submitting facility number | CHAR(3) | Valid Ontario facility number as per MOHLTC classification Valid values listed in Appendix-1. | All | Planning, quality improvement and funding. | Yes |
| 4 | Patient Identifier | Patient\_Identifier | Patient should be assigned a non-identifiable designation that is unique to that patient (i.e. 001, 002, 003). Please do not include PHI.  If patient receives multiple treatments in a quarter or treatment in more than one quarter, the same patient identifier that is originally assigned should be used. | Unique designation of the submitting facilities choice. | Unique designation of the submitting facilities choice.  Please do not include PHI. | All | Planning, quality improvement and funding. | Yes |
| 5 | Total Dose of Administered | Total\_Dose\_Administered | Total dose administered during the reporting period in milligrams. | NUM(5) | Valid values:  00001-99999 | All | Funding and health system planning. | Yes |
| 6 | Treatment Type | Treatment\_type | Indicate the type of treatment the patient was undergoing at the time that midostaurin was taken. | Drop down options:   * Induction * Inpatient Consolidation | Must be valid drop down option. | All | Funding and health system planning. | Yes |

# Quality Assurance Checks

The QA checks are grouped by number as follows:

100’s - **File level checks**

200’s - **File format errors**: Entire record is rejected.  
300’s - **Rejected content errors**: Entire record is rejected.  
400’s - **Non-rejected content errors**: Entire record is retained, including erroneous field.

500’s - **Apparent duplicate record warnings:** These are not necessarily errors, but could be.

## Validations: File Level Validations (Level 100)

The following rules will be applied and checked against every file submitted for SSO program.

| **#** | **Type** | **Condition** | **Error Message** | **Reject** |
| --- | --- | --- | --- | --- |
| 101 | Invalid Header | Header list in excel file is incorrect | File Error- Header list is incorrect. | Yes |
| 102 | Incorrect number of columns | Record in file has incorrect number of data elements | File Error- Record has incorrect number of data elements. | Yes |
| 103 | File name mask | File name does not follow the convention for file name mask: **ALMido\_nnn\_ffff\_ffffQx.xlsx**  Where:  ALMido: a fixed string indicating the program data needed (Acute Leukemia Midostaurin)  nnn: the three-digit code of the submitting site (e.g. 567)  ffff \_ffff: the two calendar years that make up the fiscal year separated by an underscore character (e.g. 2021\_2021)  Q: a fixed character for Quarter  x: the quarter within the fiscal, which is always an integer number between 1 and 4 (e.g. 3)  .xlsx: a fixed string indicating that the file includes comma-separated values.  **Example**: ALMido\_567\_2021\_2022Q3.xlsx  ***Note****: This validation should be non-case-sensitive so that, for example, the string "ALMido" can also be sent as "almido".* | File Error - File is incorrectly named. | Yes |
| 104 | Empty | File is empty  ***Note****: files with only one row (i.e. the header row is present and not patient level data) are considered valid. This error applies only when there is no such header.* | File Error - invalid number of data columns in “&file\_name” file. | Yes |
| 105 | No Data | File includes only one line, and that line is a valid header line.  ***Note****: This is a valid submission if there were no procedures in the reported quarter, so we issue a warning just to make sure.* | Warning - No data submitted. If there are data records, please resubmit. | No |

## Validations: File Format Errors (Level 200)

| **Number** | **Entity** | **Data Element** | **Condition** | **Error Message** | **Reject** |
| --- | --- | --- | --- | --- | --- |
| 201 | All | All Fields | Data field is too long | Invalid field length | Yes |

## Validations: Content Errors, Record Rejected (Level 300)

| **Number** | **Element #** | **Data Element** | **Column\_Name** | **Condition** | **Error Message** | **Reject** |
| --- | --- | --- | --- | --- | --- | --- |
| 300 | 1 | Number of AML patients with a FLT3+ mutation | Number\_AML\_FLT3+ | Is Null | Invalid - Null Value | Yes |
| 301 | 1 | Number of AML patients with a FLT3+ mutation | Number\_AML\_FLT3+ | Is not a valid number | Invalid Value | Yes |
| 302 | 2 | Fiscal Quarter | Fiscal\_Quarter | Is Null | Invalid - Null Value | Yes |
| 303 | 2 | Fiscal Quarter | Fiscal\_Quarter | Is not a valid value | Invalid Value | Yes |
| 304 | 3 | Facility Number | Facility\_Number | Is Null | Invalid - Null Value | Yes |
| 305 | 3 | Facility Number | Facility\_Number | Does not match any legal entry in **Appendix-1.** | Invalid Hospital Number - consult lookup table in template. | Yes |
| 306 | 4 | Patient Identifier | Patient\_Identifier | Is Null | Invalid - Null Value | Yes |
| 307 | 5 | Total Dose of Administered | Total\_Dose\_Administered | Is null | Invalid – Null Value | Yes |
| 308 | 5 | Total Dose of Administered | Total\_Dose\_Administered | Is not a valid value (00001-99999) | Invalid – Value for total dose administered. Must be within 00001 and 99999 in milligrams. | Yes |
| 309 | 6 | Treatment Type | Treatment\_type | Is Null | Invalid - Null Value | Yes |
| 310 | 6 | Treatment Type | Treatment\_type | Is not a valid value | Is not a valid value from dropdown options | Yes |

**Validations: Content Errors, Record Not Rejected (Level 400)**

| **Number** | **Element #** | **Data Element** | **Column** | **Condition** | **Error Message** | **Reject** |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |

**Validations: Duplicate or Apparent Duplicate Records (Level 500)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Entity** | **Data Element** | **Condition** | **Error Message** | **Reject** |
| 501 | Facility number | Facility\_Number | Facility number in the data does not match with the facility number associated with facility submitting the file. | Facility number mismatch | Yes |

# Data Submission Timelines

|  |  |  |
| --- | --- | --- |
| **Midostaurin Manual Data Collection Submission Timelines** | | |
| **Fiscal Quarter** | **Corresponding Time Frame** | **Submission Window** |
| Q1 | April 1 – June 30 | July 1 – August 30 |
| Q2 | July 1 – September 30 | October 1 – November 30 |
| Q3 | October 1 – December 31 | January 1 – February 28 |
| Q4 | January 1 – March 31 | April 1 – May 30 |

# Appendix 1: Facility Numbers

|  |  |  |
| --- | --- | --- |
| **Provider** | **Submitting Site** | **Facility Number** |
| Transplant & Acute Leukemia Service Site | London Health Sciences Centre | 936 |
| Hamilton Health Sciences Centre | 942 |
| University Health Network – Princess Margaret Cancer Centre | 947 |
| The Ottawa Hospital | 958 |
| Health Sciences North | 959 |
| Kingston Health Sciences Centre | 978 |
| Acute Leukemia Service Site | Grand River Hospital | 930 |
| Windsor Regional Hospital | 933 |
| Thunder Bay Regional Health Sciences Centre | 935 |
| Sunnybrook Health Sciences Centre | 953 |
| Acute Leukemia Shared-Care Partner Centre | Royal Victoria Regional Health Centre | 606 |
| Southlake Regional Health Centre | 736 |
| Lakeridge Health | 952 |
| Niagara Health System | 962 |

# Appendix 2: MOHLTC Master Numbering System[[1]](#footnote-1)

The Master Numbering System has been developed for the purpose of bringing together all Health Facilities and Programs under one system of identification. The list is a composite of health and health related units, facilities, clinics, programs and services. Each such organization has been assigned a unique four digit identifying code. (For details, please refer Ontario Health (Cancer Care Ontario)'s Data Book, Appendix A: MOHLTC Master Numbering System, at link <https://www.cancercareontario.ca/en/data-book-reporting-standards>).

1. [↑](#footnote-ref-1)