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All lines of data are delimited by the pipe character "|". Sub-delimited data will be notated when needed

Type 0:
```
    1: v1.0 (Extract code version number)
    2: https://www.clinisys.com/us/en/onc-disclosure/
```

Type 1:
```
    1: Extract run timestamp
```

For all record types below, pieces 1 and 2 are the following:
```
    1: MRN
    2: Hospital Code (Clinisys 3-character code)
```

Patient Demographics

Type 10:
```
    3: Hospital Description
    4: Patient Name
    5: Patient DOB
    6: Patient Sex
    7: Patient SSN
    8: Patient ABO
    9: Patient Rh
    10: Number of Transfusions
    11: Date of Last Transfusion
```

Blood Bank Administrative Data

Type 11:
```
    3: Antigen/Antibody Data (separated by #)
```

Type 12:
```
    3: Problems (separated by #)
```

Type 13:
```
    3: Comments (separated by #)
```

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```
Type 14:
     3: Transfusion Attributes (separated by #)


Linked MRN list
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Type 15: (Linked MRN list)
     3: Count of other linked MRNs to this MRN
     4: Other MRNs linked to this MRN (separated by #)




Patient Lab Data
----------------

Type 20: (Ordering Data)
     3: ORDX (distinct order ID)
     4: Ordering Physician (Phys ID#Phys Name)
     5: Order Account #
     6: Order Lab
     7: Ordering Location
     8: Ordering HIS location
     9: Special Billing Code
     10: External Episode ID

     11-14 are in the following format (Date#Time#Techcode;Techname)

     11: Ordered
     12: Purged
     13: Final
     14: Corrected

     15: Patient Account
     16: Diagnosis
     17: Admitting Physician (Phys ID#Phys Name)
     18: Patient Location
     19: Patient Room
     20: Admit Date
     21: Discharge Date
     22: Admit Comment
     23: Admit Tech (Tech ID;Tech Name)
     24: Event Type
     25: Discharge Comment




Type 30: (Accession Data)
     3: ORDX (from type 20)
     4: Accession Number
```

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5: Specimen Code ****will need translation

6-11 are in the following format
(Date#Time#Techcode;TechName#Comment)

6: Scheduled Collect
7: Collected
8: Partial Receive
9: Alliquot
10: Recheduled
11: Fully Received

12: Accession Split Date/Time   (blank, currently not extracted)
13: Comment
14: Nurse Collect
15: Phlebotomy Workload Code
16: Phlebotomy Workload Units
17: Original Event Type

Type 40: (Order Code information)
3: ORDX (from type 20)
4: Accession Number (from type 30)
5: Order Code/Desc (Order Code#Order Description#LOINC code)
6: Lab Department
7: Priority Codes (! separated)
8: HIS Order Number
9: HIS Order Code
10: Reference Lab
11: Reference Lab Batch
12: Order Comment

13-21 are order code events that have the following format
(Date#Time#Techcode;TechName#Comment)

13: First Answered
14: Final
15: Credit
16: Delete
17: Cancel
18: AMB Receive
19: Setup
20: Order Receive
21: Order Created

22: Package Code/Desc (Package Code#Package Description#LOINC
Code)
23: Cult Sensitivity Method (Micro orders)
24: Order Code Modifiers

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```
      25: Ordering Diagnosis
      26: CPT Code(s) (# separated)
      27: Order Resulted (Date,Time)
      28: Order Facility


Type 50: (Test Component data)
      3: ORDX (from type 20)
      4: Accession Number (from type 30)
      5: Order Code (from type 40)
      6: Test Code/Desc (Test Code#Test Description#LOINC code)
      7: Worksheet
      8: CPT Code

      9-13 have the following format
(Date#Time#Techcode;TechName#Comment)
      9: Answered
      10: Non-Report
      11: Result at Request
      12: Addon
      13: Auto Answer


Type 55 and 56: Blood Bank Reaction Results

Note: These exist independently of type 50 records, so the ORDX can be
null if patient lab data has been purged.

Type 55: (Reaction Data at Test Level)
      3: ORDX (can be null)
      4: Accession Number
      5: Order Code
      6: Test Code
      7: Test Interpretation
      8: Actual Result Entered
      9: Tech (Tech Code;Tech Name)


Type 56: (Reaction Results for Phase Number)
      3: ORDX (can be null)
      4: Accession Number
      5: Order Code
      6: Test Code
      7: Phase Number
      8: Phase Code
      9: Phase Result
      10: Reaction Code!Reaction Result (each separated by #)
      11: Tech (Tech Code;Tech Name)
```

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```
Type 60: (Historical Result data)
      3: ORDX (from type 20)
      4: Accession Number (from type 30)
      5: Order Code (from type 40)
      6: Test Code (from type 50)
      7: Historic result Node
      8: "FINAL" if this is the latest/final result node, else "HIST"
      9: Resulting time (Date#Time#Techcode;TechName#Comment)
      10: Resulting Lab
      11: Result Method ("DEFAULT" if no method)
```

Type 65 and 66 are the actual results for each type 60 node. 65 will be general lab data. 66 will be micro susceptibility data

```
Type 65:
      3: ORDX (from type 20)
      4: Accession Number (from type 30)
      5: Order Code (from type 40)
      6: Test Code (from type 50)
      7: Historic result Node (from type 60)
      8: Observation number
      9: Result Number
      10: Result Type ( N-Numeric, C-Comment, T-Freetext)
      11: Result
      12: Translated Result (if type C)

Type 66:
      3: ORDX (from type 20)
      4: Accession Number (from type 30)
      5: Order Code (from type 40)
      6: Test Code (from type 50)
      7: Historic result Node (from type 60)
      8: Result
```

Version	Author	Date	Content
1.0	J. Bradshaw	Nov 2023	Initial version