



Edits Management Tool (EMT) Training Manual for Winrecs 3.0

MED2020 Health Care Software Inc.

MED2020 Health Software Inc. (MED2020) is the leading provider of modular health information management solutions for the Canadian health care industry and is headquartered in Ottawa, Ontario. Solutions are offered to assist in capturing, reporting and analyzing health data to support enhanced information sharing, encourage informed decision making and streamline facility operations. MED2020's flagship product, WinRecs, is the foundation for a complementary suite of modules that have also been designed to assist health information management departments with their operational needs.

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Purpose

A module for the end user to create in house edits so that a message will generate at the time of entering the record. The purpose of this module is to alert the user when data entered in the record does not meet hospital defined standards.

- These standards could be Hospital, Ministry or third party driven. These edits would also ensure Health Information standards within the department are being met.

Goal

- To promote Data Quality
- To ensure users are entering record consistently
- To flag the user when data elements are not captured or when a combination of values captured are not meeting hospital specifications
- The hospital standards would also ensure information is being captured for Reporting purposes.

Challenges








- Valuable time is spent generating reports at the end of the month, quarter and distributing the lists to the coders
- Valuable time spent by the abstractor to familiarize themselves with the visit when correcting the information
- In Winrecs 2.0 in order to generate a message in the abstract or a list at the end of the day, month quarter, user must have Intermediate Level knowledge of Crystal Reports and the use of formula language
- People who need edits at abstracting level are usually users NOT Report Writers
- Must have a Crystal License and installed to create edits
- Edit report runs at the end of the abstract every time the user saves even when the abstract is clean

User Profile

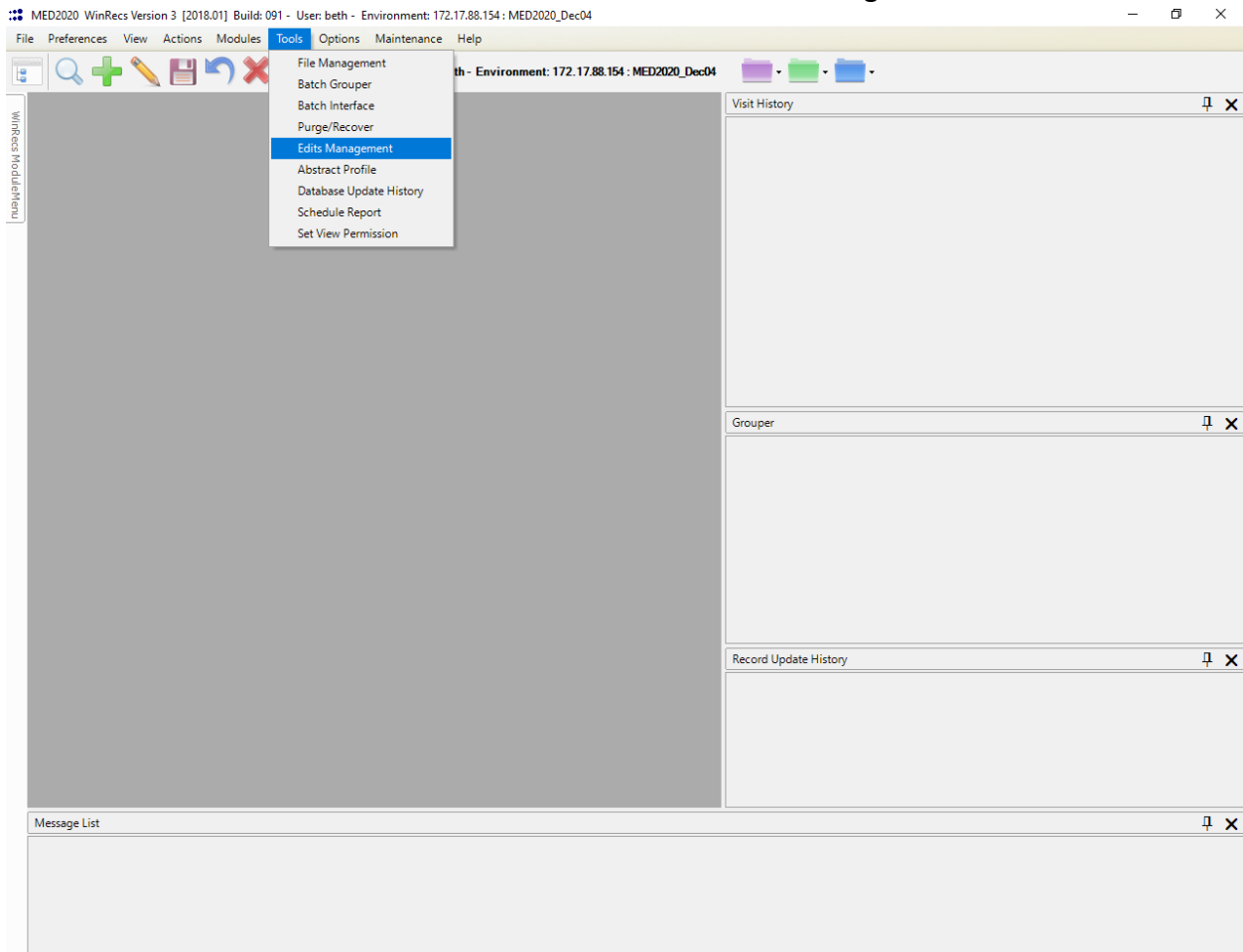
There is a field in User Profile that needs to be modified.

Access Edits Management-Yes

WinRecs Options - User Profile

<ul style="list-style-type: none"> Profile Settings/Options Access Tools Access Options Access Maintenance File/Folder Paths Module Settings <ul style="list-style-type: none"> [CPI] Central Patient Index [VOL] Chart Volumes [VH] Visit History [LOC] Chart Locator [DEF] Chart Deficiency [ROI] Release of Information [CCR] DAD Concurrent Review [DAD] AbsCare Inpatient [SDS] AbsCare Day Surgery [NACRS] AmCare Ambulatory All Levels [CJRR] Canadian Joint Replacement Registr [NRS] National Rehabilitation Reporting Syst 	<div>        </div> <p>EDIT 03: Beth Hobson</p> <table> <tr> <td>Access File Management</td> <td>Yes</td> </tr> <tr> <td>Access Batch Grouper</td> <td>Yes</td> </tr> <tr> <td>Access Batch Interface</td> <td>Yes</td> </tr> <tr> <td>Access Purge/Recover</td> <td>Yes</td> </tr> <tr> <td>Access Edits Management</td> <td>Yes</td> </tr> <tr> <td>Access Abstract Profile</td> <td>Yes</td> </tr> <tr> <td>Access Database Update</td> <td>Yes</td> </tr> <tr> <td>Access Historial Data Import</td> <td>No</td> </tr> </table>	Access File Management	Yes	Access Batch Grouper	Yes	Access Batch Interface	Yes	Access Purge/Recover	Yes	Access Edits Management	Yes	Access Abstract Profile	Yes	Access Database Update	Yes	Access Historial Data Import	No
Access File Management	Yes																
Access Batch Grouper	Yes																
Access Batch Interface	Yes																
Access Purge/Recover	Yes																
Access Edits Management	Yes																
Access Abstract Profile	Yes																
Access Database Update	Yes																
Access Historial Data Import	No																

Tools>Edit Management



EMT Editor window will display

What is a Condition?

Sometimes referred to as a conditional expression and conditional processing, a conditional statement is a set of rules performed if a certain condition is met.

Field Condition- A Field Condition is a when a field refers to value(s) or a field that refers to another field.

Logical Condition- Logical Condition is a combination of field conditions or field conditions and other Logical Conditions. A statement that combines the results of two component conditions to produce a single result.

What is an Operator?

An operator are special symbols or words that describe an operator or an action to take place between two or more values.

Operators

Any Value/Blank (no value)

Equal To/Not Equal

Like/Not Like

Start With/Not Starts With

Less/Less or Equal

Greater /Greater or Equal

And/Or

Examples:

- Operators used in Field Conditions

{Admit Category}= "E"

{Diagnosis Code} like "K29*"

{Institution Number} in ["50003", "51003", "52003"]

{Triage Level} <> "1"

- Operators used in Logical Conditions

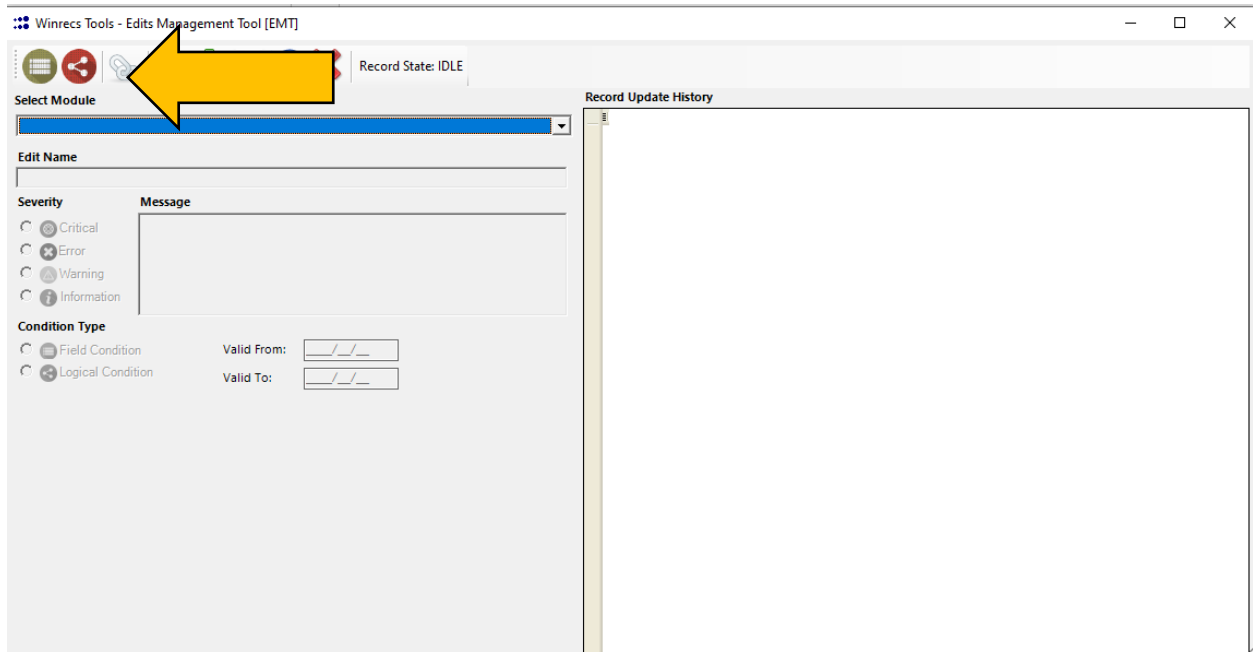
{Triage Level} <> "1" **and** {Disposition Code in ["10", "11"]

{Admit Category} = "E" **and** {Entry Code} <> "E"

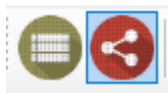
({Admit Category}="E" and {Entry Code} <> "E") **or**

{Disposition Code}="05"

Condition Editors



Two icons in tool bar



Field Condition Editor



Select Module in drop down

Winrecs Tools - EMT - Field Condition Management

Record State: IDLE

Select Module

[DAD] AbsCare Inpatient

Field Condition Name

Field

Use Occurrence

☐ First
☐ All
☐ Last
☐ Occurrences > 1

Comparison Type

☐ Compare Field
☐ Compare Value(s)

Operator

☐ Any Value ☐ Blank (no value)
☐ Equal To ☐ Not Equal
☐ Like (**) ☐ Not Like (**)
☐ Starts With ☐ Not Starts With
☐ Less ☐ Less or Equal
☐ Greater ☐ Greater or Equal
☐ Between ☐ Not Between

Acceptable wildcards: ? - single character * - any characters

New Condition



Field Condition Name

Name the Field Condition you are creating.

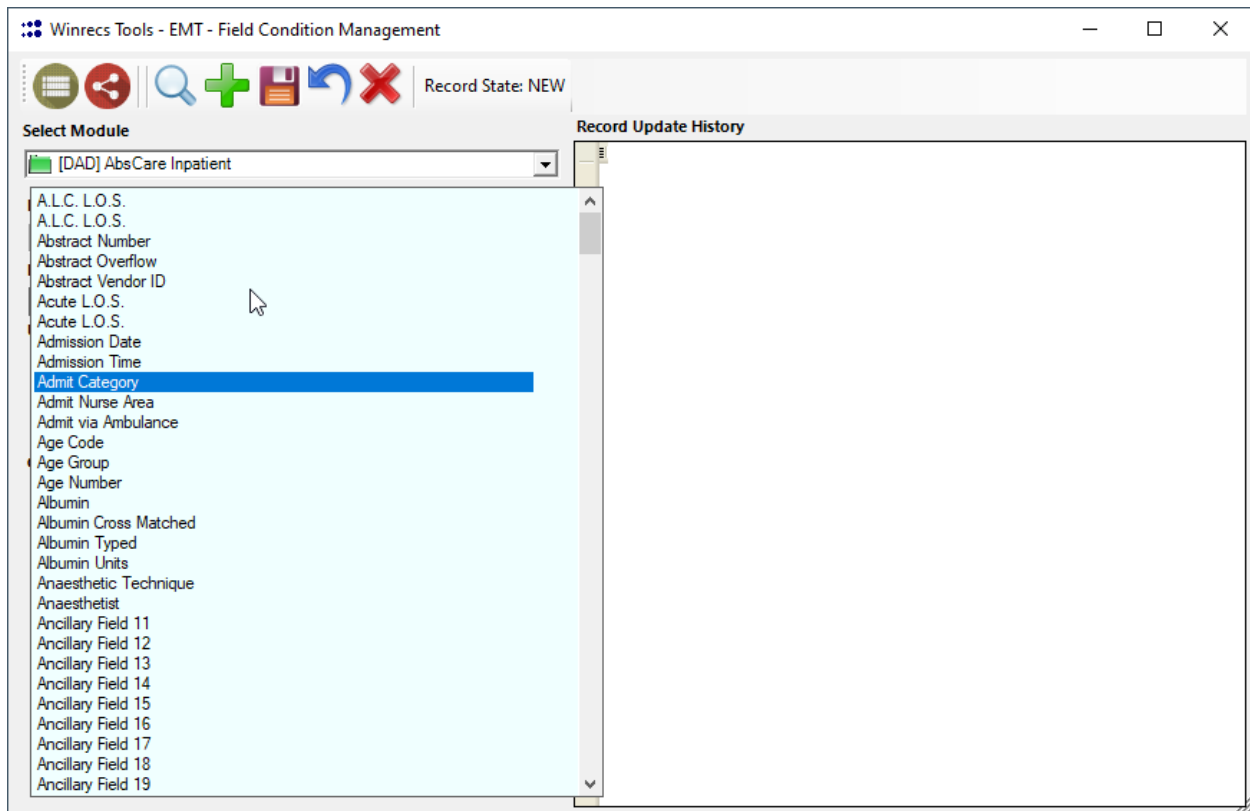
Suggestion: For your Field Conditions, establish a naming convention . If the field condition is referring to Diagnosis, name the Field Condition Diag, Dx, Intervention, Intv I The list of conditions will sort in alphabetical order based on the name.

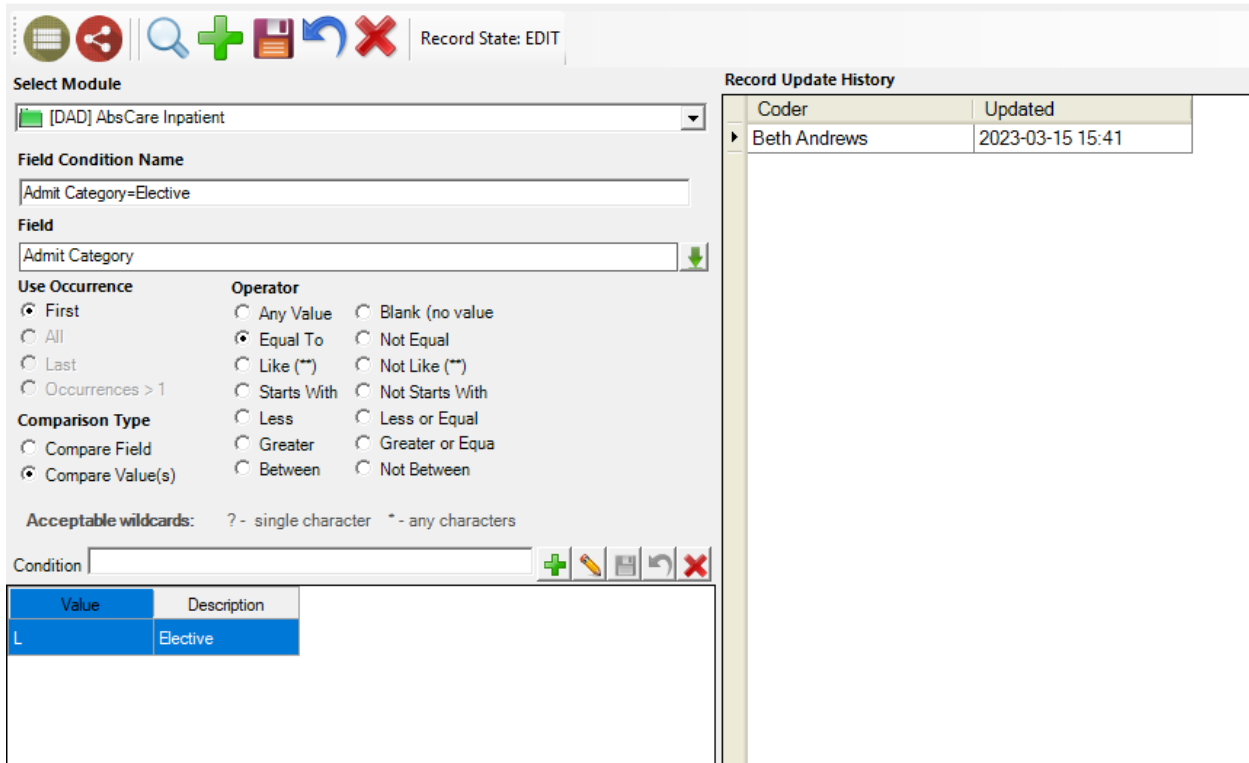
Fields



Use the green arrow to display the module fields available.

Type field name to select from list





The screenshot shows the 'Winrecs Tools - EMT - Field Condition Management' window. The 'Record State' is 'EDIT'. The 'Select Module' dropdown is set to '[DAD] AbsCare Inpatient'. The 'Field Condition Name' is 'Admit Category=Elective'. The 'Field' dropdown is 'Admit Category'. Under 'Use Occurrence', 'First' is selected. Under 'Operator', 'Equal To' is selected. Under 'Comparison Type', 'Compare Value(s)' is selected. The 'Acceptable wildcards' section shows '? - single character' and '* - any characters'. The 'Condition' field is empty. Below the condition field is a table with two columns: 'Value' and 'Description'. The table contains one row with 'L' in the 'Value' column and 'Elective' in the 'Description' column. On the right, the 'Record Update History' table shows one entry: 'Beth Andrews' updated on '2023-03-15 15:41'.

Value	Description
L	Elective

Coder	Updated
Beth Andrews	2023-03-15 15:41

Use occurrence

First

- For fields in main grid, first occurrence will always be selected
- In a multiform this first occurrence refers to the MAIN occurrence

All

- In a multiform this refers to all occurrences from first occurrence and greater

Last

- In a multiform this refers to the last/maximum occurrence number

Occurrences (>1)

- In a multiform this refers to other occurrences in a multi form EXCEPT first occurrence

Field condition operators

- *Any Value/Blank (no value)*- When selecting a field, this operator refers to a value or no value.

- *Equal To/Not Equal*- When selecting a field, this operator refers to an EXACT value or NOT EXACT value. The value in condition can be more than one value.

Example:

Admit Category = L

Admit Category = L, E, N

- *Like/Not Like*- When selecting a field, this operator refers to a field that contains the value or not like the value.
- *Start With/Not Starts With*- When selecting a field, this operator refers to a field that begins not not begins with this value.
Example:
Diagnosis Code starts with K29
- *Less/Less or Equal*- When selecting a field, this operator refers to a NUMBER data type field.
Example:
LOS Days <20, LOS <=20
- *Greater /Greater or Equal*- When selecting a field, this operator refers to a NUMBER data type field
Example:
LOS Days >20, LOS>=20
- *Between/Not Between* - When selecting a field, this operator refers to a NUMBER data type or a STRING data type field
Example:
LOS Days is Between 10 to 25
Diagnosis Code is Between I60 to I68.9

Comparison type

- *Compare Field*- A specific field and it's value compared to another specific field and it's value.
Example:
Admission Date = Discharge Date
Triage Date > Registration Date
- *Compare Values(s)*- A specific field that refers to values
Example:
Admit Category = L
Diagnosis Code like K29
Patient Service =10

Logical Condition Editor



Select the module

Winrecs Tools - EMT - Field Condition Management

Record State: IDLE

Select Module

[DAD] AbsCare Inpatient

Logical Condition Name

Operator

Same Multiple Occurrence Group

Condition

Condition Type	Valid Multiple	Name
----------------	----------------	------

New Condition



Logical Condition Name

- Name the Logical Condition you are creating.

Logical condition operators

FIELD condition **AND** FIELD condition

LOGICAL condition **AND** FIELD condition

LOGICAL condition **And** FIELD condition **OR** FIELD condition

LOGICAL condition **AND** LOGICAL condition
 LOGICAL condition **OR** LOGICAL condition

- *And/Or-* used to connect field conditions or to connect field conditions with Logical Conditions.

Winrecs Tools - EMT - Field Condition Management

Record State: NEW

Select Module
 [DAD] AbsCare Inpatient

Logical Condition Name
 Admit Categor=L AND Entry Code=E


Operator
☒ And ☐ Or

Same Multiple Occurrence Group

Condition

Condition Type	Valid Multiple	Name
----------------	----------------	------

Record Update History

- Click the  to select the Conditions
- Click F2 to see a list of Conditions

Search Results

Edits Management: Condition Search

Condition Type	Name
FLD	Exp1 AdmitCatL
FLD	Exp1 EntryCodeE
FLD	Exp2 Dx MitralStenosis
FLD	TEST Exp3 SCU 50
FLD	TEST Exp3 AgeCodeM
FLD	TEST Exp3 AgeNumber >= 12
FLD	Exp4 EntryCodeD
FLD	Exp4 DispCode07
FLD	Exp6 DxCode not J44
FLD	Exp3 Postal Code K2 or K4
FLD	Exp5 Postal Code K2 and K4
FLD	Exp5 Residence Code not 02521
FLD	Exp6 DxCodeJ18
FLD	Age Great than 100
FLD	Exp7 PatService51
FLD	Exp9 DxCodes3-7
FLD	Exp7 IntervProvNum
FLD	Exp20 Dx Code J44
FLD	Exp20 Dx Code not J18
FLD	Exp8 IntervProvService
FLD	Exp8 PatService51
FLD	Exp9 DxCodes8
FLD	TEST Exp3 AgeCode Y
FLD	Admit Category=Elective

☒ Active Values Only

☐ Return Top 100 Results

☒ Select Record

97 Matches Found

Winrecs Tools - EMT - Field Condition Management

Record State: EDIT

Select Module
[DAD] AbsCare Inpatient

Logical Condition Name
Admit Category=L AND Entry Code=E

Operator
And Or Same Multiple Occurrence Group

Condition

Condition Type	Valid Multiple	Name
FLD		Admit Category=Elective
FLD		Entry Code=Emergency

Record Update History

Coder	Updated
Beth Andrews	2023-03-15 16:23

Save F7

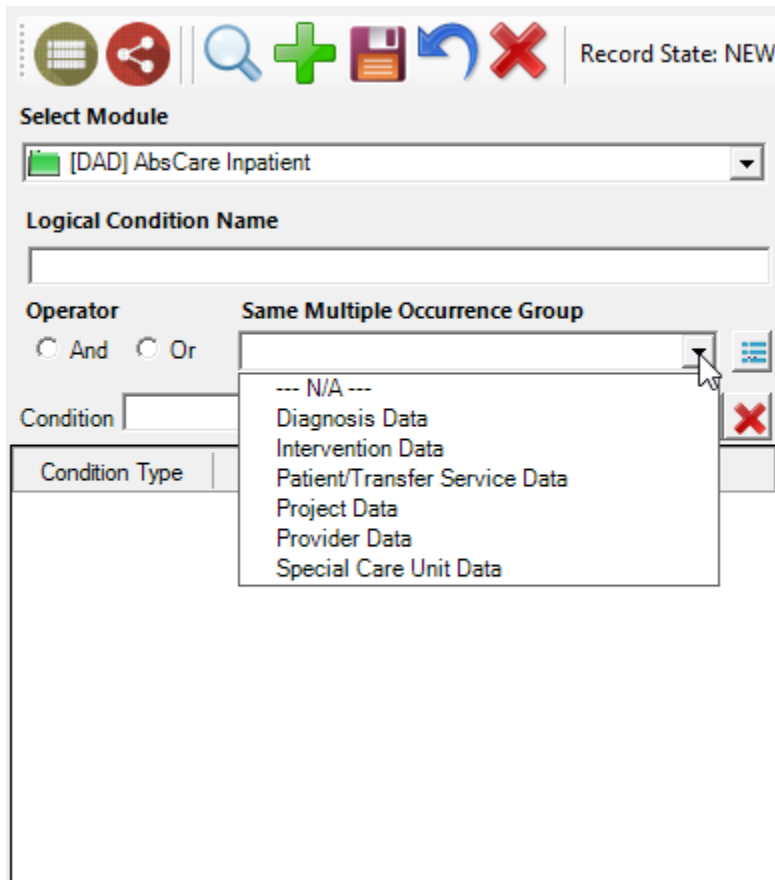


Same Occurrence (Multiforms)

When combining two or more conditions (Field and/or Logical Condition) together, it is possible to create a Logical Condition that refers to fields in a multiform. The edit may refer to fields from the SAME Occurrence.

When click on Same Multiple Occurrence Group, a drop down list will display all the multiform sections.

Winrecs Tools - EMT - Field Condition Management



Record State: NEW

Select Module

[DAD] AbsCare Inpatient

Logical Condition Name

Operator

☐ And ☐ Or

Same Multiple Occurrence Group


Condition

Condition Type

--- N/A ---
Diagnosis Data
Intervention Data
Patient/Transfer Service Data
Project Data
Provider Data
Special Care Unit Data

To select a conditions click the  to enable the Condition field.

Click F2 to display the list of Conditions to select from.


 Search Results

Edits Management: Condition Search

There may be more results. Consider refining your search criteria

Condition Type	Name
FLD	Exp1 AdmitCatL
FLD	Exp1 EntryCodeE
FLD	Exp2 Dx MitralStenosis
FLD	TEST Exp3 SCU 50
FLD	TEST Exp3 AgeCodeM
FLD	TEST Exp3 AgeNumber >= 12
FLD	Exp4 EntryCodeD
FLD	Exp4 DispCode07
FLD	Exp6 DxCode not J44
FLD	Exp3 Postal Code K2 or K4
FLD	Exp5 Postal Code K2 and K4
FLD	Exp5 Residence Code not 02521
FLD	Exp6 DxCodeJ18
FLD	Age Great than 100
FLD	Exp7 PatService51
FLD	Exp9 DxCodes3-7
FLD	Exp7 IntervProvNum
FLD	Exp20 Dx Code J44
FLD	Exp20 Dx Code not J18
FLD	Exp8 IntervProvService
FLD	Exp8 PatService51
FLD	Exp9 DxCodes8
FLD	TEST Exp3 AgeCode Y
FLD	Admit Category=Elective
FLD	do not use
FLD	PI - Dx Code O08
FLD	PI - Dx Code O03-O07

☒ Active Values Only
 ☐ Return Top 100 Results

 Select Record

101 Matches Found

When select the Field and/or Logical Conditons, they will display in a list.

Winrecs Tools - EMT - Field Condition Management

Record State: EDIT

Select Module
[DAD] AbsCare Inpatient

Logical Condition Name
Diagnosis I21* AND Diagnosis Type 3

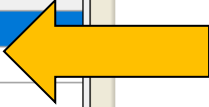
Operator
And Or Same Multiple Occurrence Group
Diagnosis Data

Condition

Condition Type	Valid Multiple Index	Name
FLD	Y	Diagnosis Type 3
FLD	Y	Diagnosis AMI I21

Record Update History

Coder	Updated
Beth Hobson	2023-03-15 16:31



Save F7



Delete Condition

If the Logical Condition is not for the Same Occurrence, click the Del. Condition button.

F9 Delete



Winrecs Tools - EMT - Field Condition Management

Record State: EDIT

Select Module
[DAD] AbsCare Inpatient

Logical Condition Name
Diagnosis I21* AND Diagnosis Type 3

Operator
And Or Same Multiple Occurrence Group
Diagnosis Data

Condition

Condition Type	Valid Multiple Index	Name
FLD	Y	Diagnosis Type 3
FLD	Y	Diagnosis AMI I21

Record Update History

Coder	Updated
Beth Hobson	2023-03-15 16:31

Confirm Delete

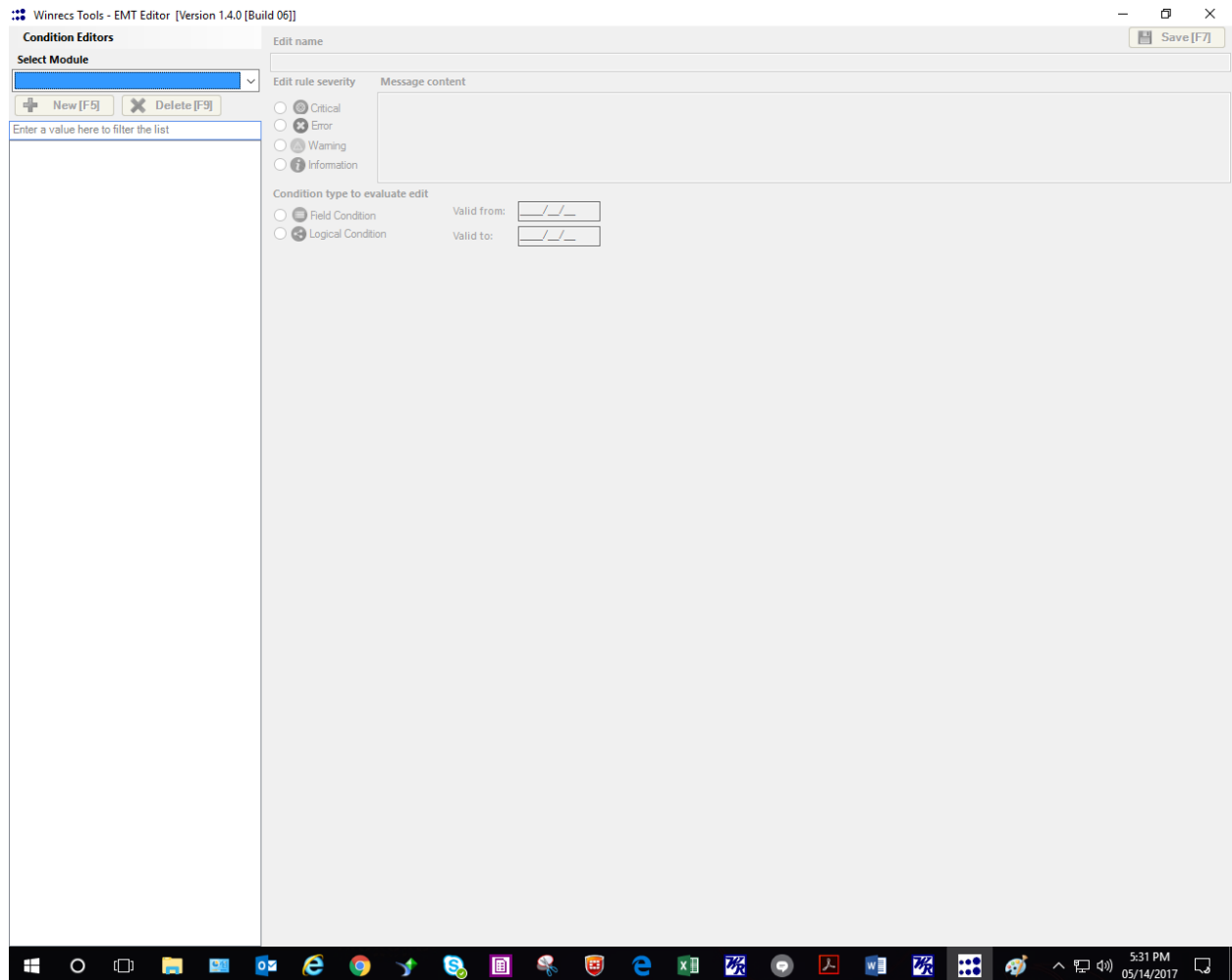
Are you sure you want to delete the selected value?

Yes No

Click Yes to delete this logical condition.

Create Edit Message

Tools>Edits Management Tool (EMT)



Select Module

Winrecs Tools - Edits Management Tool [EMT] — □ ×

Record State: IDLE

Select Module Record Update History

Edit Name

Severity **Message**


☐ Critical
☐ Error
☐ Warning
☐ Information

Condition Type

☐ Field Condition
☐ Logical Condition

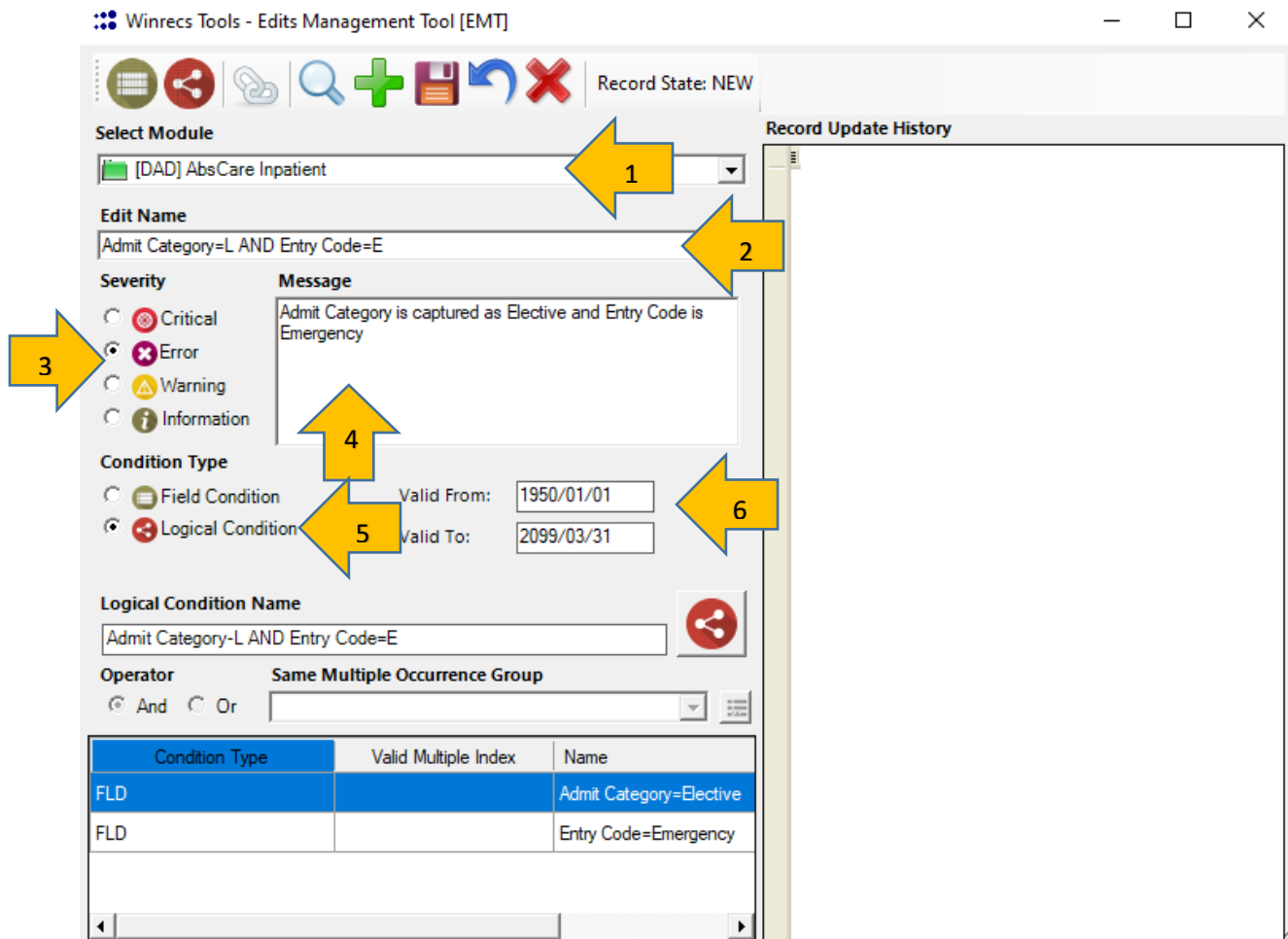
Valid From:

Valid To:



Click 

Areas of the Edits Management Tool Editor



Winrecs Tools - Edits Management Tool [EMT]

Record State: NEW

Select Module: [DAD] AbsCare Inpatient

Edit Name: Admit Category=L AND Entry Code=E

Severity: ☐ Critical ☒ Error ☐ Warning ☐ Information

Message: Admit Category is captured as Elective and Entry Code is Emergency

Condition Type: ☐ Field Condition ☒ Logical Condition

Valid From: 1950/01/01 Valid To: 2099/03/31

Logical Condition Name: Admit Category-L AND Entry Code=E

Operator: Same Multiple Occurrence Group ☒ And ☐ Or

Condition Type	Valid Multiple Index	Name
FLD		Admit Category=Elective
FLD		Entry Code=Emergency

1. Select Module
In order to enable the editor, must first select the module. The edit will only display in the module you select.
2. Edit Name
The name usually reflects the fields and conditions involved.
3. Edit Rule Severity Level
In the abstract in the message list box, the content is represented by a severity level. All EMT edit icons will have a turquoise frame.

Dark Red	Critical
Red	Error
Yellow	Warning
Blue	Information
4. Message Content
The content that will display in the abstract.

5. Condition Types

Must create and select the Field and Logical Conditions that will be used in the Edit.

6. Valid From and To date

Edit must have a Valid From and Valid To date in order to generate. The edit will generate based on the key date of the abstract.

7. to search for existing edits

Search F4 for existing edits



Winrecs Tools - Edits Management Tool [EMT] ×

Select Module

[DAD] AbsCare Inpatient ▼

+ New [F5] × Delete [F9] ✓ Select [F7]

Enter a value here to filter the list

A03.9
 Admit Category=L AND Entry Code=E
 AF: Weight Between 4 and 5 kg (2574)
 D_001
 Delete Me
 Diagnosis OBS with Diagnosis Type 3
 Diagnosis Pneumonia and Type <> 1
 Edit2 Dx Mitral Stenosis
 Edit20 DxCode J44 without J18
 Edit3 SCU 50 and Age >=12
 Edit4 Death Disposition
 Edit5 Postal Code Ottawa and Residence not Ottawa
 Edit6 DiagCode J18 without J44
 Edit7 PatService51 and IntervProService
 Edit8 IntervProvService and PatService
 Edit9 DxCodesO03-O07 and O08
 Entry Code N-Newborn with Weight>=4.7 kg-Large Baby
 Intervention code LIKE 1.A?.35.HA-K0
 New Edit Testing Jen
 Palliative Edit - Manitoba
 PI - Abortion Complication & Service Check
 PI - Admit Category Check (gestational age)
 PI - CMG test
 PI - Diagnosis of Z51.5 without Prefix 8
 PI - Intervention Duration
 PI - QBP Intervention Code
 QR1 QH1 Discharge Nurse Area=REHAB
 QR1 QH1-1 QH1-2 AdmitCatL elective and Entry Code E emergency

Creating an Edit

Scenario

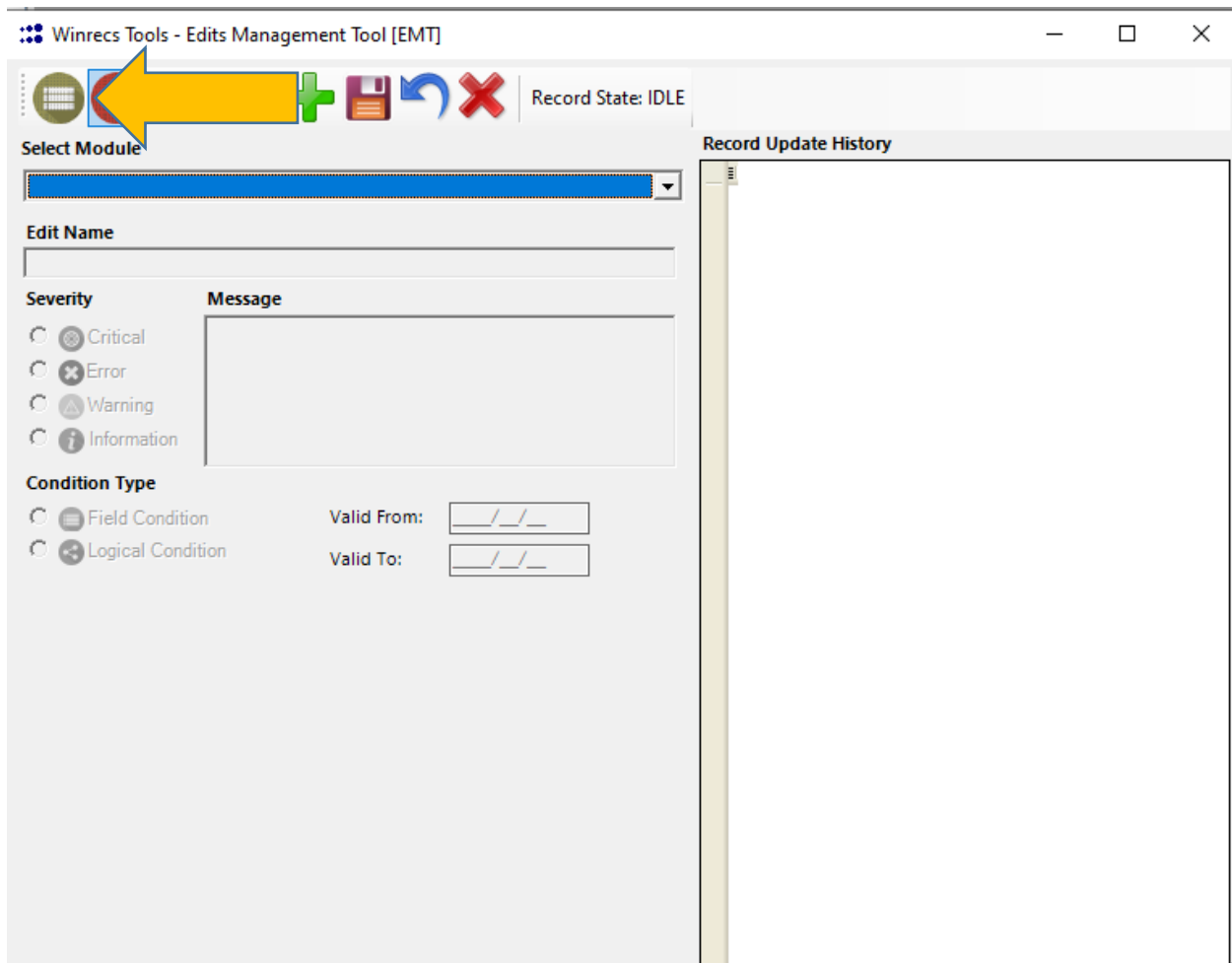
When the ER visit has a Death Disposition Code and the Triage Level is not Resuscitation generate a message.

MESSAGE:

“Death Disposition must have a Triage Level 1”

Step 1: Create Field Condition(s)

Click on Field Condition Editor



Winrecs Tools - Edits Management Tool [EMT]

Record State: IDLE

Select Module

Edit Name

Severity

☐ Critical

☐ Error

☐ Warning

☐ Information

Message

Condition Type

☐ Field Condition

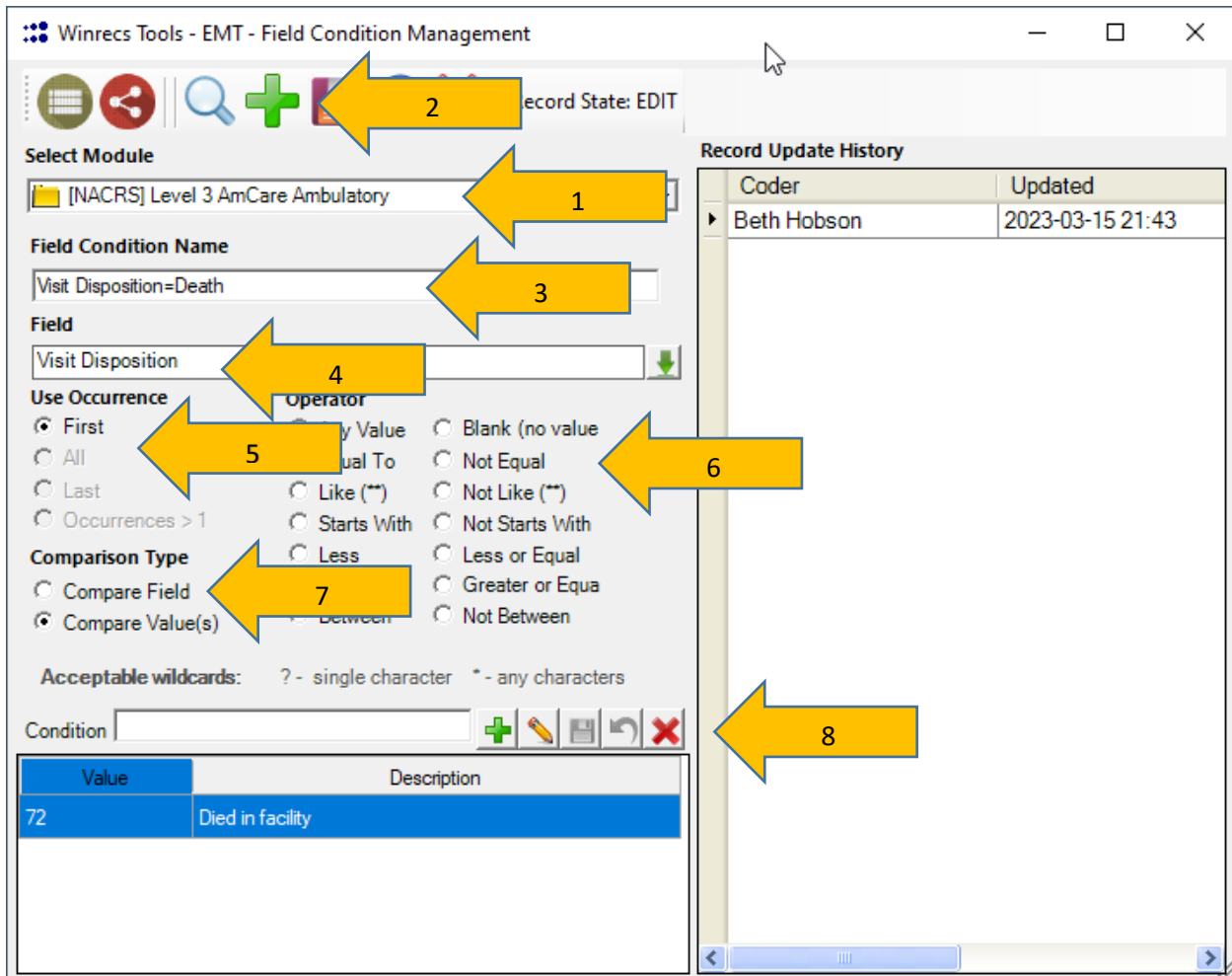
☐ Logical Condition

Valid From:

Valid To:

Record Update History

1. Select Module
2. Click NEW
3. Name Field Condition
4. Select Field
5. Select Occurrence if necessary
6. Select Operator
7. Select Comparison Type
8. Click PLUS sign and select values



Winrecs Tools - EMT - Field Condition Management

Record State: EDIT

Select Module

[NACRS] Level 3 AmCare Ambulatory

Field Condition Name

Visit Disposition=Death

Field

Visit Disposition

Use Occurrence

☒ First ☐ Any Value ☐ Blank (no value)

☐ All ☐ Equal To ☐ Not Equal

☐ Last ☐ Like (**) ☐ Not Like (**)

☐ Occurrences > 1 ☐ Starts With ☐ Not Starts With

Comparison Type

☐ Compare Field ☐ Less ☐ Less or Equal

☒ Compare Value(s) ☐ Between ☐ Greater or Equal ☐ Not Between

Acceptable wildcards: ? - single character * - any characters

Condition

+ - ✎ 📄 ↶ ✖

Value	Description
72	Died in facility

Record Update History

Coder	Updated
Beth Hobson	2023-03-15 21:43


Search Results

Visit Disposition

User Code	User Description	Validate Code	Validate...	Look Up Note	Valid From	Valid To
06	Admit to reporting facility as...	06	Admit to...	pre-2018:...	2002-04-01	2099-03-31
07	Admit to reporting facility as...	07	Admit to...	pre-2018:...	2002-04-01	2099-03-31
08	Transfer to another acute...	08	Transfer to...	pre-2018:...	2002-04-01	2099-03-31
09	Transfer to another non...	09	Transfer to...	pre-2018:...	2002-04-01	2099-03-31
12	Intra facility transfer to Day...	12	Intra facility...		2003-04-01	2099-03-31
13	Intra-facility transfer to ED	13	Intra-facility ...	pre-2018:...	2003-04-01	2099-03-31
14	Intra-facility transfer to Clinic	14	Intra-facility ...		2003-04-01	2099-03-31
16	Discharge to private home...	16	Discharge to...		2018-04-01	2099-03-31
17	Discharge to private home...	17	Discharge to...		2018-04-01	2099-03-31
30	Transfer to Residential care	30	Transfer to...		2018-04-01	2099-03-31
40	Transfer to Group/supportive...	40	Transfer to...		2018-04-01	2099-03-31
61	Left at his/her own risk...	61	Left at his/her...		2018-04-01	2099-03-31
62	Left at his/her own risk post...	62	Left at his/her...		2018-04-01	2099-03-31
63	Left after Triage	63	Left after...		2018-04-01	2099-03-31
64	Left after initial assessment	64	Left after...		2018-04-01	2099-03-31
71	Death on Arrival	71	Death on...		2018-04-01	2099-03-31
72	Died in facility	72	Died in facility		2018-04-01	2099-03-31
73	Medical Assistance in Dying...	73	Medical ...		2018-04-01	2099-03-31
74	Suicide in facility	74	Suicide in...		2018-04-01	2099-03-31
90	Transfer to correctional facility	90	Transfer to...		2018-04-01	2099-03-31

20 Matches Found

Select [F7]

Click Save Icon  to save value(s)

Winrecs Tools - EMT - Field Condition Management

Record State: NEW

Select Module
 [NACRS] Level 3 AmCare Ambulatory

Field Condition Name
 Visit Disposition=Death

Field
 Visit Disposition

Use Occurrence
☒ First
☐ All
☐ Last
☐ Occurrences > 1

Operator
☐ Any Value
☒ Equal To
☐ Like (**)
☐ Starts With
☐ Less
☐ Greater
☐ Between
☐ Blank (no value)
☐ Not Equal
☐ Not Like (**)
☐ Not Starts With
☐ Less or Equal
☐ Greater or Equa
☐ Not Between


Comparison Type
☐ Compare Field
☒ Compare Value(s)

Acceptable wildcards: ? - single character * - any characters

Condition 72

Value	Description

Record Update History



Field Condition #1

MIS Code =713102000

Condition type to evaluate edit

Field Condition

New [F5]

Field Condition Name

FLD ER MIS Code 713102000

Select Field in Drop Down

Visit MIS Code

User Field Occurrence

First Occurrence


Field Condition Operator

Equal To

Comparison type

Compare value 713102000

Click Plus Icon  to add value(s)

Click Save Icon  to save value(s)

Save Condition

Winrecs Tools - EMT - Field Condition Management

Record State: EDIT

Select Module
[NACRS] Level 3 AmCare Ambulatory

Field Condition Name
MIS Code=713102000

Field
Visit MIS Functional Centre Account Code

Use Occurrence
☒ First
☐ All
☐ Last
☐ Occurrences > 1

Operator
☐ Any Value ☐ Blank (no value)
☒ Equal To ☐ Not Equal
☐ Like (**) ☐ Not Like (**)
☐ Starts With ☐ Not Starts With
☐ Less ☐ Less or Equal
☐ Greater ☐ Greater or Equal
☐ Between ☐ Not Between

Comparison Type
☐ Compare Field
☒ Compare Value(s)

Acceptable wildcards: ? - single character * - any characters

Condition

Value	Description
713102000	General Emergency

Record Update History

Coder	Updated
Beth Hobson	2023-03-15 22:03

Field Condition #2

Death Disposition = 10 or 11

Condition type to evaluate edit

Field Condition

New [F5]

Field Condition Name

FLD Death Disposition Code 10 or 11

Select Field in Drop Down

Visit Disposition Code

User Field Occurrence

First Occurrence

Field Condition Operator

Equal To

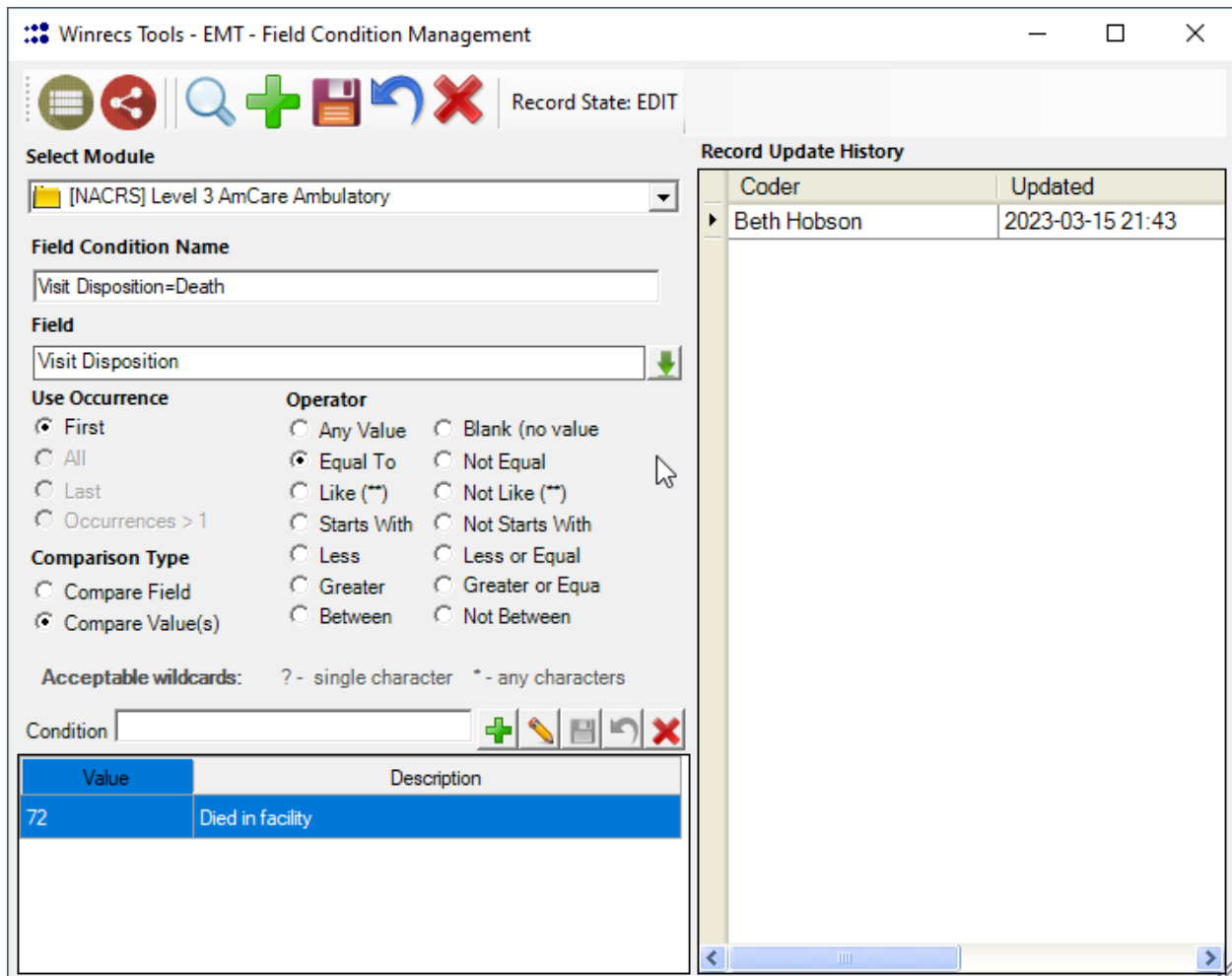
Comparison type

Compare value 10, 11

Click Plus Icon  to add value(s)

Click Save Icon  to save value(s)

Save [F7]



Winrecs Tools - EMT - Field Condition Management

Record State: EDIT

Select Module

[NACRS] Level 3 AmCare Ambulatory

Field Condition Name

Visit Disposition=Death

Field

Visit Disposition

Use Occurrence

☒ First

☐ All

☐ Last

☐ Occurrences > 1

Operator

☐ Any Value

☒ Equal To

☐ Like (**)

☐ Starts With

☐ Less

☐ Greater

☐ Between

☐ Blank (no value)

☐ Not Equal

☐ Not Like (**)

☐ Not Starts With

☐ Less or Equal

☐ Greater or Equa

☐ Not Between

Comparison Type

☐ Compare Field

☒ Compare Value(s)

Acceptable wildcards: ? - single character * - any characters

Condition

Value	Description
72	Died in facility

Record Update History

Coder	Updated
Beth Hobson	2023-03-15 21:43

Field Condition #3

Triage Level not 1-Resuscitation

Condition type to evaluate edit

Field Condition

New [F5]

Field Condition Name

FLD Triage Level not 1-Resuscitation

Select Field in Drop Down

Triage Level

User Field Occurrence

First Occurrence

Field Condition Operator

Not Equal To

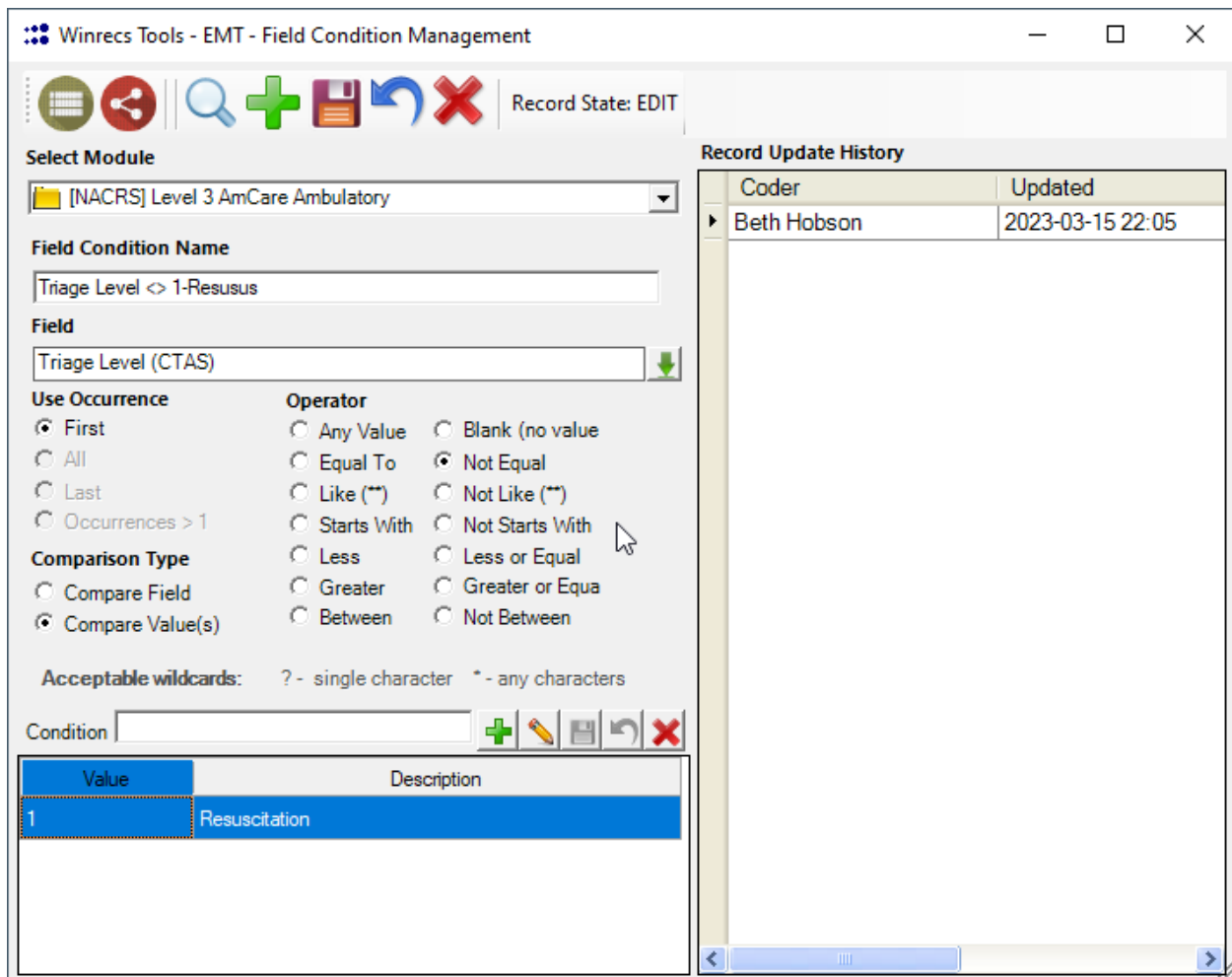
Comparison type

Compare value 1

Click Plus Icon  to add value(s)

Click Save Icon  to save value(s)

Save [F7]



Winrecs Tools - EMT - Field Condition Management

Record State: EDIT

Select Module: [NACRS] Level 3 AmCare Ambulatory

Field Condition Name: Triage Level <> 1-Resusus

Field: Triage Level (CTAS)

Use Occurrence: ☒ First, ☐ All, ☐ Last, ☐ Occurrences > 1

Operator: ☐ Any Value, ☐ Equal To, ☒ Not Equal, ☐ Like (**), ☐ Not Like (**), ☐ Starts With, ☐ Not Starts With, ☐ Less, ☐ Less or Equal, ☐ Greater, ☐ Greater or Equal, ☐ Between, ☐ Not Between

Comparison Type: ☐ Compare Field, ☒ Compare Value(s)

Acceptable wildcards: ? - single character * - any characters

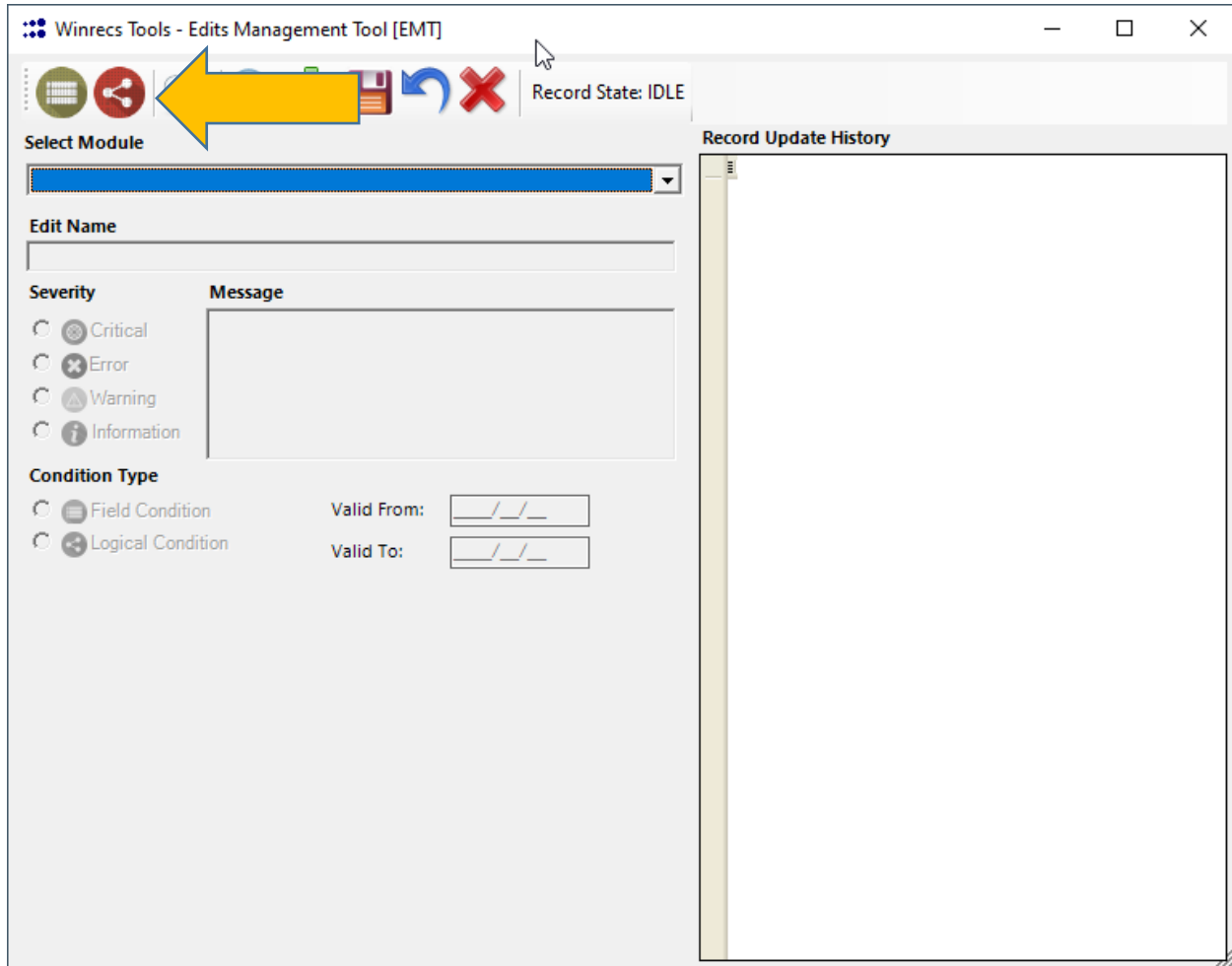
Condition:

Value	Description
1	Resuscitation

Coder	Updated
Beth Hobson	2023-03-15 22:05

Step 2: Create Logical Condition(s)

Click on Logical Condition Editor



Winrecs Tools - Edits Management Tool [EMT]

Record State: IDLE

Select Module

Edit Name

Severity

☐ Critical
☐ Error
☐ Warning
☐ Information

Message

Condition Type

☐ Field Condition
☐ Logical Condition

Valid From: ____/____/____

Valid To: ____/____/____

Record Update History

1. Select Module
2. Click NEW
3. Logical Condition Name
4. Select Operator
5. Select PLUS sign to add conditions
6. Click save to save conditions involved
7. Click save in Tool Bar

Winrecs Tools - EMT - Field Condition Management

2 7 NEW

Select Module [NACRS] Level 3 AmCare Ambulatory

Record Update History

Logical Condition Name ER Death Triage not Resus

Operator And Or

Same Multiple Occurrence Group

5

4

6

Condition Type	Valid Multiple Index	Name
FLD		MIS Code=713102000
FLD		Visit Disposition=Death
FLD		Triage Level <> 1-Resusus

Winrecs Tools - EMT - Field Condition Management

Record State: EDIT

Select Module [NACRS] Level 3 AmCare Ambulatory

Record Update History

Logical Condition Name ER Death Triage not Resus

Operator And Or

Same Multiple Occurrence Group

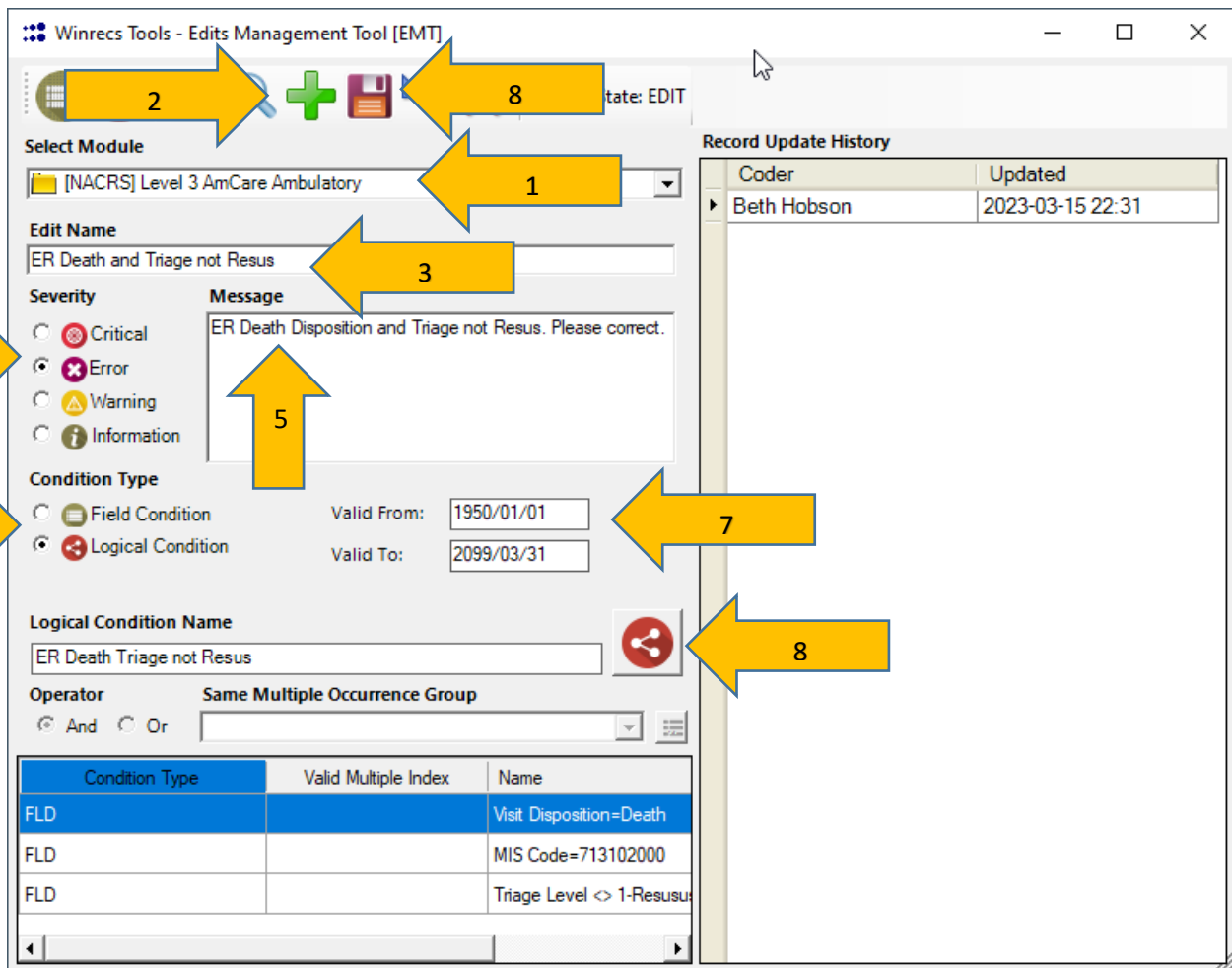
Condition

Condition Type	Valid Multiple Index	Name
FLD		MIS Code=713102000
FLD		Visit Disposition=Death
FLD		Triage Level <> 1-Resusus

Coder	Updated
Beth Hobson	2023-03-15 22:24

Step 3: Create Edit

1. Select the Module
2. Click New
3. Edit Name
4. Select Severity level
5. Input Message
6. Select Condition Type
7. Enter Valid From and Valid To date
8. Click on Logical Condition icon and select Logical Condition
9. Click save icon to save Edit.



The screenshot shows the Winrecs Tools - Edits Management Tool [EMT] window. The interface includes a top toolbar with icons for New, Edit, and Save. The main area is divided into several sections: Select Module, Edit Name, Severity, Message, Condition Type, Logical Condition Name, Operator, and a table for Logical Conditions. A Record Update History table is also visible on the right.

Numbered arrows indicate the following steps:

1. Select the Module: [NACRS] Level 3 AmCare Ambulatory
2. Click New: New icon in the toolbar
3. Edit Name: ER Death and Triage not Resus
4. Select Severity level: Error (selected)
5. Input Message: ER Death Disposition and Triage not Resus. Please correct.
6. Select Condition Type: Logical Condition (selected)
7. Enter Valid From and Valid To date: Valid From: 1950/01/01, Valid To: 2099/03/31
8. Click on Logical Condition icon and select Logical Condition: Logical Condition icon in the toolbar
9. Click save icon to save Edit: Save icon in the toolbar


Record Update History:

Coder	Updated
Beth Hobson	2023-03-15 22:31

Logical Conditions Table:


Condition Type	Valid Multiple Index	Name
FLD		Visit Disposition=Death
FLD		MIS Code=713102000
FLD		Triage Level <> 1-Resus

Deleting an Edit

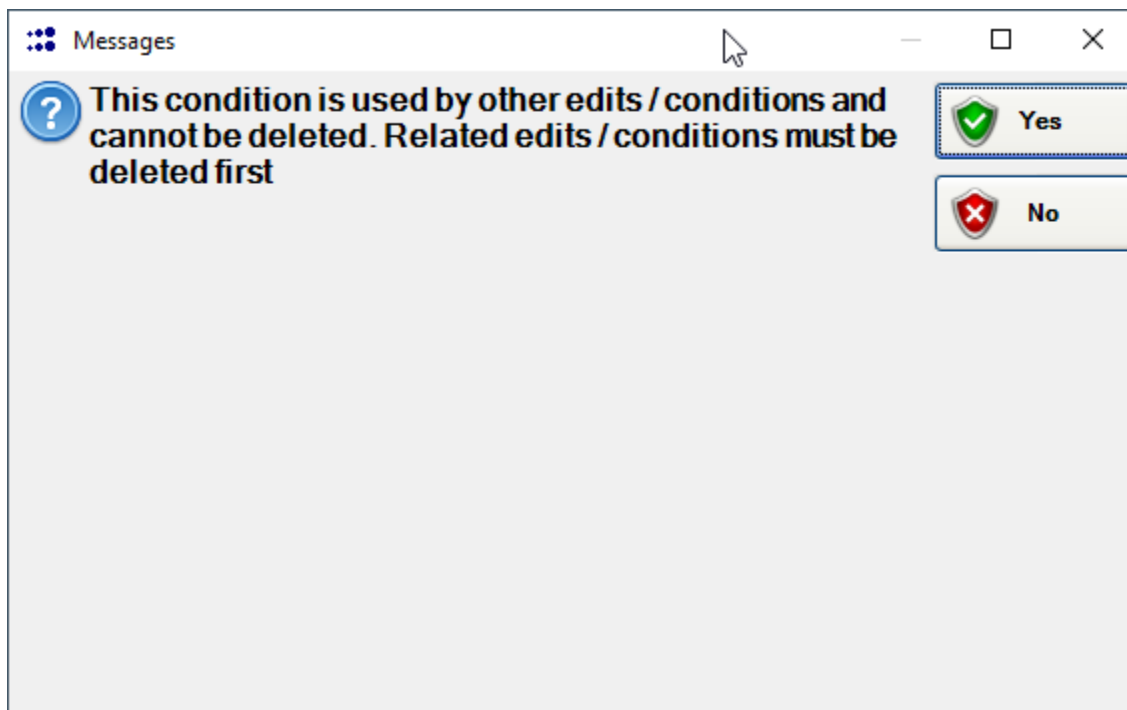
In order to delete an edit so it no longer displays in the abstract, click  F9 Delete

Delete Logical Condition

In order to delete a Logical Condition, it cannot be used in another edit or another Logical

Condition. To delete a Logical Condition click  F9 Delete

If a Logical Condition is used in another edit, a prompt will display.

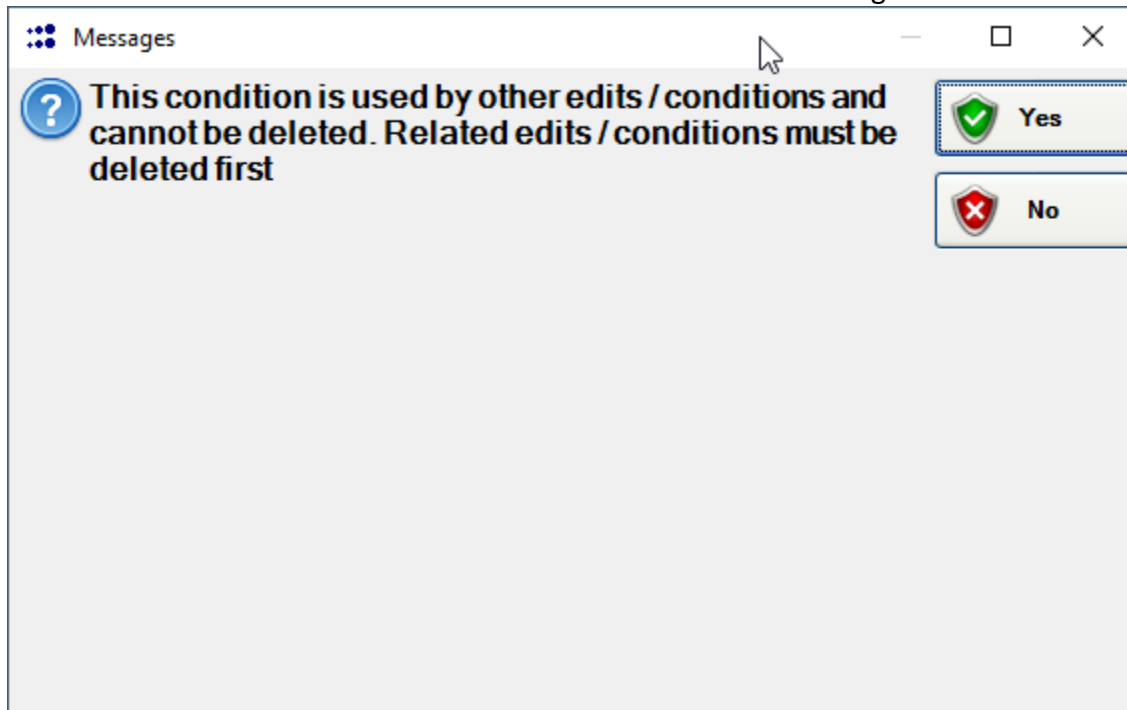


Delete Field Condition

Field Conditions can only be deleted if not used in a Logical Condition or another edit. In order

to delete a Field Condition click  F9 Delete

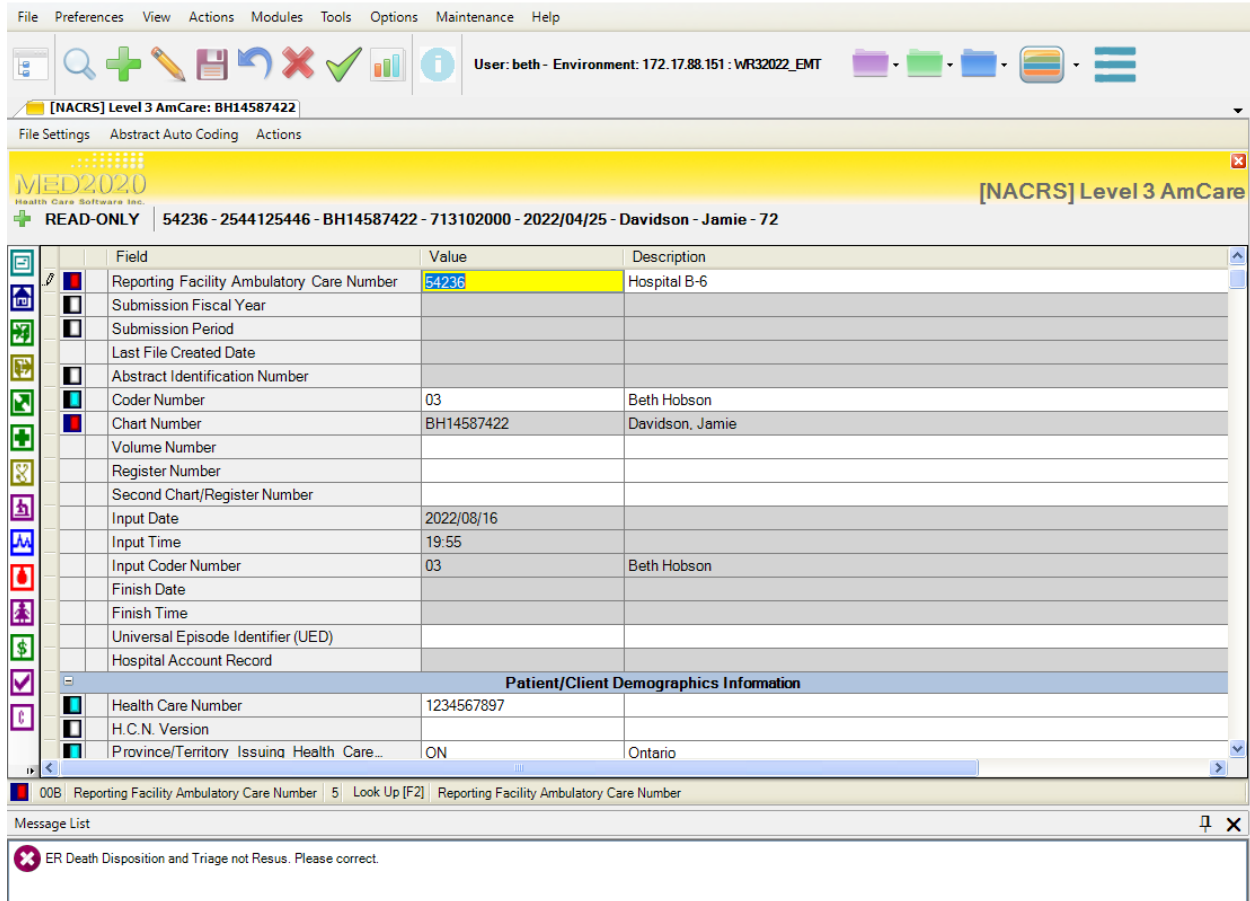
If a Field Condition is used in another edit, a prompt will display.



Access visit and verify abstract

Amcare Abstract

Message should generate in message list box. If message does not generate upon load, F11 Verfiy.



File Preferences View Actions Modules Tools Options Maintenance Help

User: beth - Environment: 172.17.88.151 : WR32022_EMT

[NACRS] Level 3 AmCare: BH14587422

File Settings Abstract Auto Coding Actions

MED2020 Health Care Software Inc. [NACRS] Level 3 AmCare

READ-ONLY 54236 - 2544125446 - BH14587422 - 713102000 - 2022/04/25 - Davidson - Jamie - 72

Field	Value	Description
Reporting Facility Ambulatory Care Number	54236	Hospital B-6
Submission Fiscal Year		
Submission Period		
Last File Created Date		
Abstract Identification Number		
Coder Number	03	Beth Hobson
Chart Number	BH14587422	Davidson, Jamie
Volume Number		
Register Number		
Second Chart/Register Number		
Input Date	2022/08/16	
Input Time	19:55	
Input Coder Number	03	Beth Hobson
Finish Date		
Finish Time		
Universal Episode Identifier (UED)		
Hospital Account Record		
Patient/Client Demographics Information		
Health Care Number	1234567897	
H.C.N. Version		
Province/Territory Issuing Health Care...	ON	Ontario

008 Reporting Facility Ambulatory Care Number | 5 | Look Up [F2] Reporting Facility Ambulatory Care Number

Message List

ER Death Disposition and Triage not Resus. Please correct.

Is Custom Validated field

In the abstract there is a field called 'Is Custom Validated'. The Valid Values are:

Yes

When there are no EMT messages generated when abstract is verified, the field will populate a Y.

Custom Errors Found

When there are EMT messages that contain errors, the field will populate an E.

Custom Warnings Found

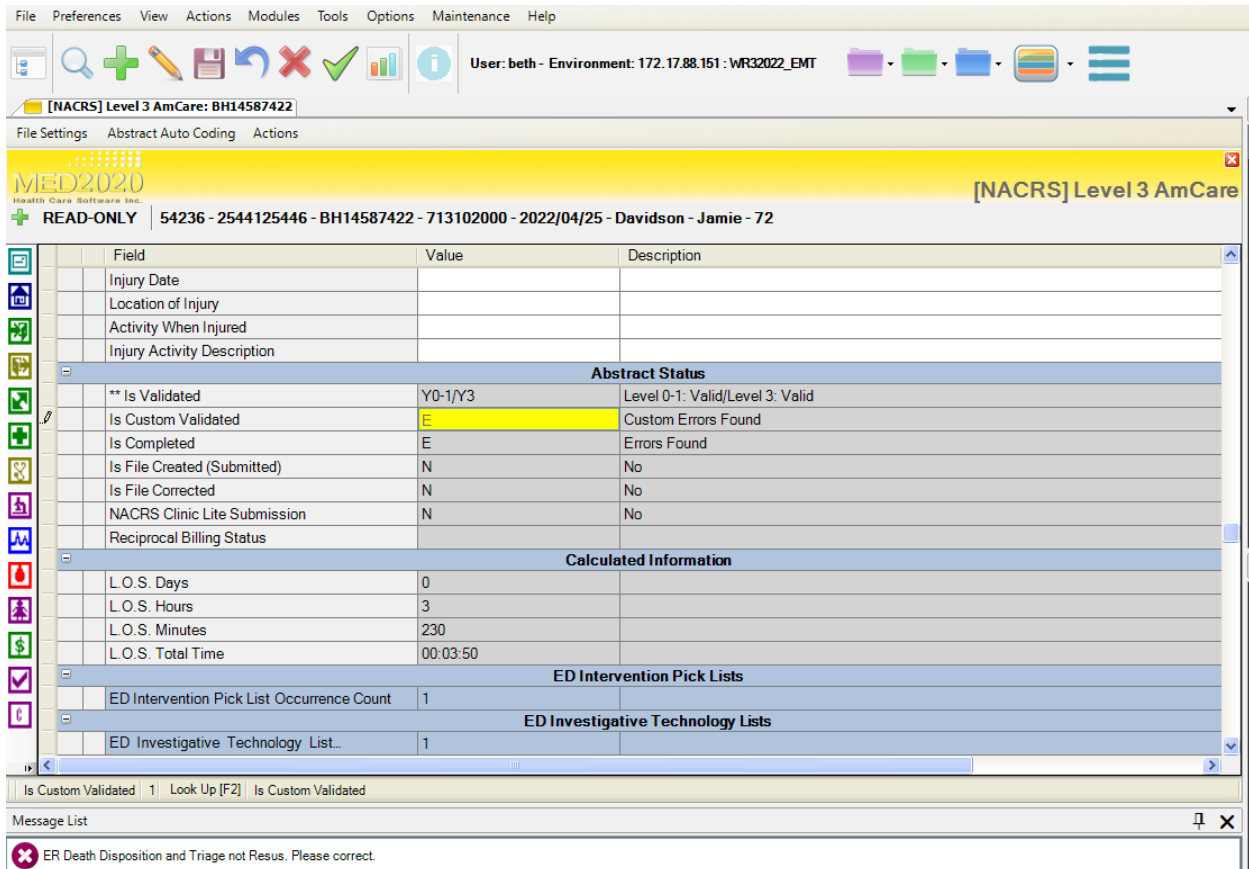
When there are EMT messages that contain warnings, the field will populate a W.

Custom Information Found

When there are EMT message that contains information, the field will populate an I.

No

When EMT message are not yet verified in the abstract, this field will populate an N.



File Preferences View Actions Modules Tools Options Maintenance Help

User: beth - Environment: 172.17.88.151 : WR32022_EMT

[NACRS] Level 3 AmCare: BH14587422

File Settings Abstract Auto Coding Actions

MED2020 Health Care Software Inc. [NACRS] Level 3 AmCare

READ ONLY 54236 - 2544125446 - BH14587422 - 713102000 - 2022/04/25 - Davidson - Jamie - 72

Field	Value	Description
Injury Date		
Location of Injury		
Activity When Injured		
Injury Activity Description		
Abstract Status		
** Is Validated	Y0-1/Y3	Level 0-1: Valid/Level 3: Valid
Is Custom Validated	E	Custom Errors Found
Is Completed	E	Errors Found
Is File Created (Submitted)	N	No
Is File Corrected	N	No
NACRS Clinic Lite Submission	N	No
Reciprocal Billing Status		
Calculated Information		
L.O.S. Days	0	
L.O.S. Hours	3	
L.O.S. Minutes	230	
L.O.S. Total Time	00:03:50	
ED Intervention Pick Lists		
ED Intervention Pick List Occurrence Count	1	
ED Investigative Technology Lists		
ED Investigative Technology List..	1	

Is Custom Validated 1 | Look Up [F2] | Is Custom Validated

Message List

ER Death Disposition and Triage not Resus. Please correct.

Batch Verify

An option to verify all visits to see if EMT edits apply.

Tools>File Management>Submission File

WinRecs Tools - File Management

DAD

- CIHI Submission File
- CIHI Correction File
- CIHI Deletion File
- CIHI Institution File
- CIHI Detailed Error File

SDS

- CIHI Submission File
- CIHI Correction File
- CIHI Deletion File
- CIHI Institution File

NACRS

- ☒ NACRS Level 0 (Clinic Lite)
 - CIHI Submission File
 - CIHI Correction/Deletion File
- ☒ NACRS Level 1
 - CIHI Submission File
 - CIHI Correction/Deletion File
- ☒ NACRS Level 2
 - CIHI Submission File
 - CIHI Correction/Deletion File
- ☒ NACRS Level 3
 - CIHI Submission File
 - CIHI Correction/Deletion File
- CIHI Facility Information File
- CIHI Electronic Rejection/Data Quality Warning File

CJRR

- CIHI Insert/Update Data Submission File

NRS

- CIHI Insert/Update Data Submission File
- CIHI Contact Information File

MDS (CCRS)

- CIHI Insert/Update Data Submission File
- CIHI Contact Information File

MHRS

- CIHI Insert/Update Data Submission File
- CIHI Contact Information File

MHRS IAR

- IAR Insert/Update Data Submission File

OACN

- OACN IAR Insert/Update Data Submission File

NACRS Level 3 CIHI Submission File

Select Edit Library: C - Only Custom Edits

Complete Re-verify: ☒

Institution Number: 54236 - Hospital B-6

Batch Year: 2022

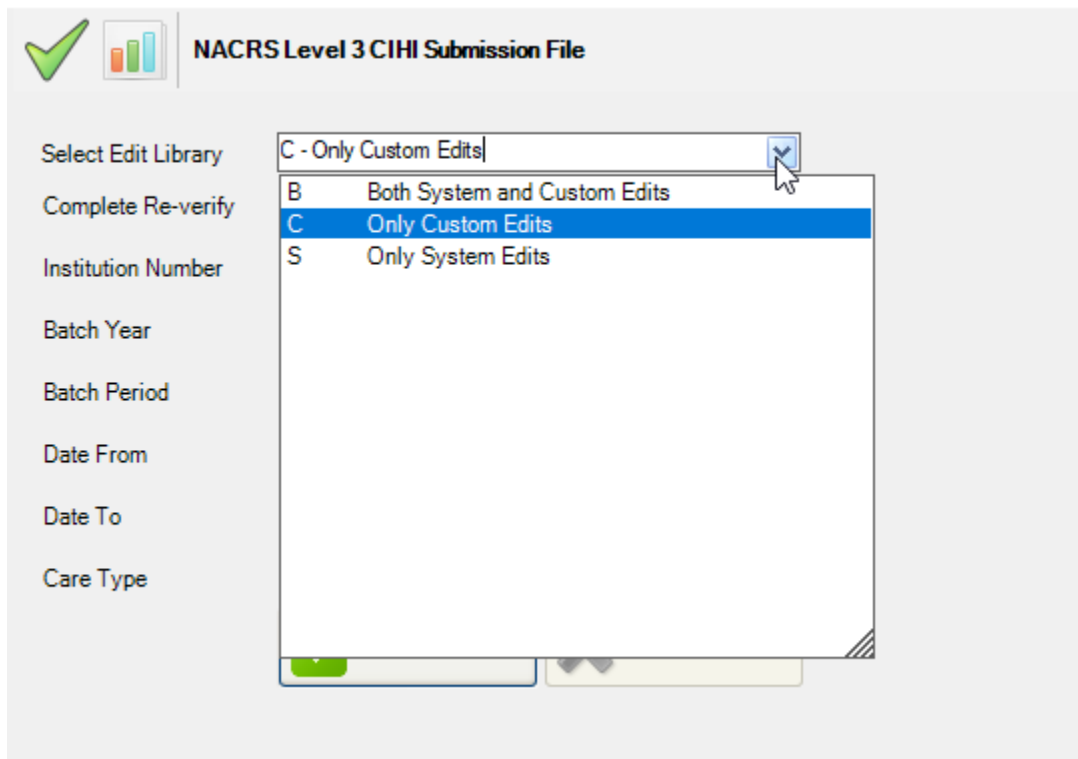
Batch Period: 01 - Batch Period 01

Date From: 2022/04/01

Date To: 2022/04/30

Care Type: B - All Cases

Select Edit Library



The screenshot shows the 'NACRS Level 3 CIHI Submission File' window. On the left is a sidebar with icons and labels: a green checkmark, a bar chart, and labels for 'Select Edit Library', 'Complete Re-verify', 'Institution Number', 'Batch Year', 'Batch Period', 'Date From', 'Date To', and 'Care Type'. The 'Select Edit Library' dropdown menu is open, showing three options: 'C - Only Custom Edits' (selected), 'B Both System and Custom Edits', and 'S Only System Edits'. A mouse cursor is pointing at the 'C' option.

Both System and Custom Edits

This will perform the verify on the CIHI or provincial edits along with EMT edits at the same time.

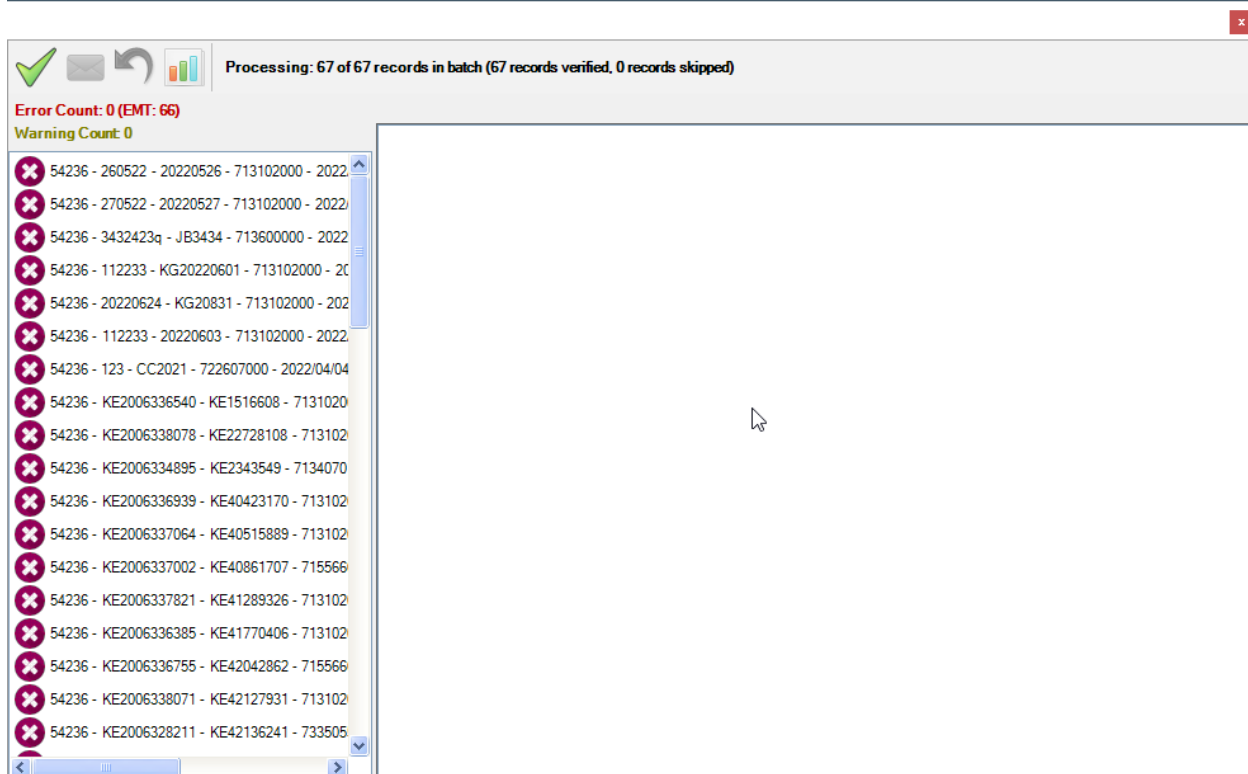
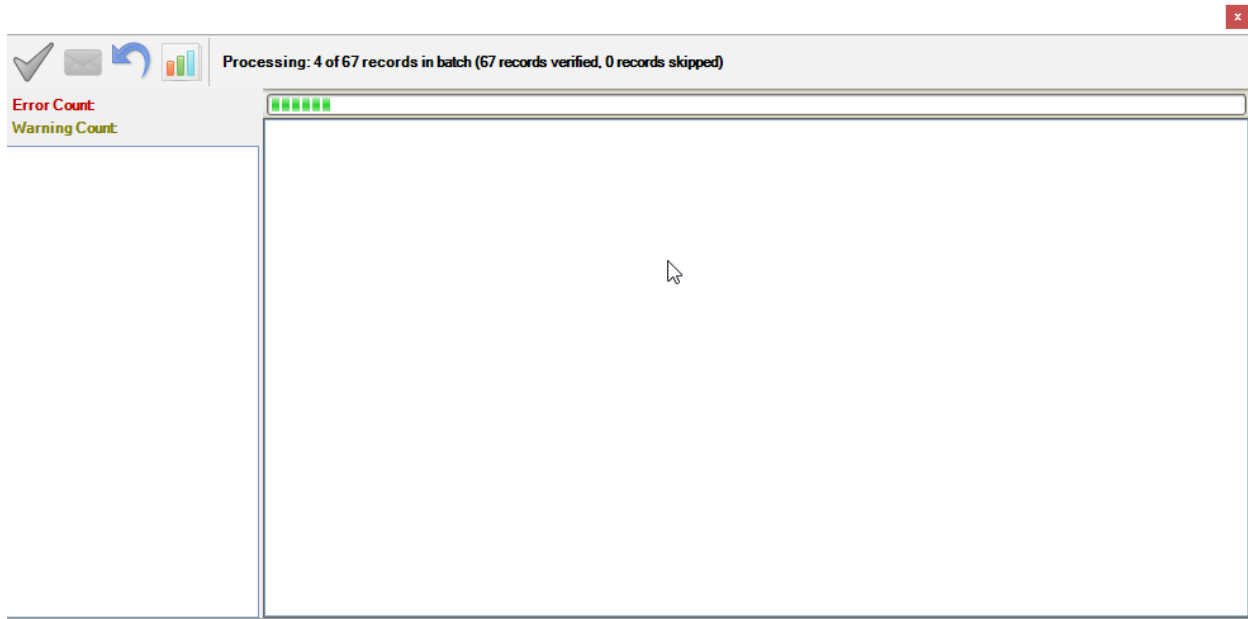
Only Custom Edits

This will perform the verify on the EMT edits only.

Only System Edits

This will perform the verify on the CIHI and provincial edits only.

When click Verify



Report Generator

Existing views have been modified

AbstractingErrorsWarnings_VR

Message Level: Custom Errors

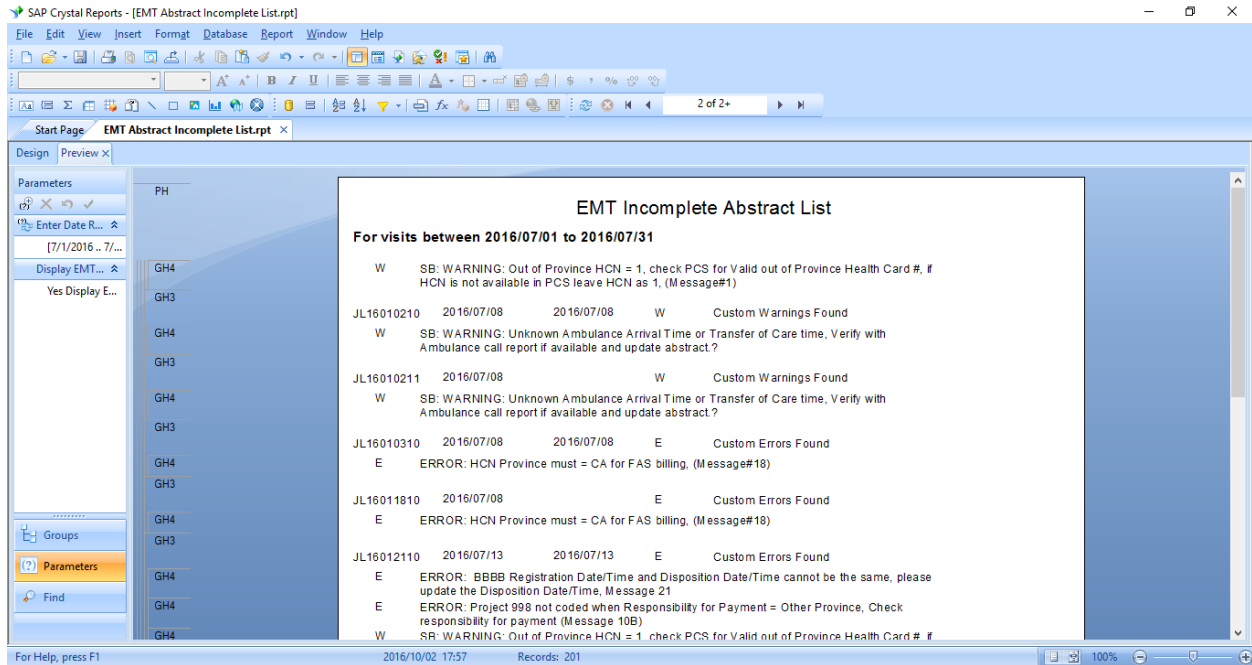
Custom Warnings

Custom Information

I10 views

The 'Is Custom Validated' field has been added to all the I10 views.

A report called EMT Incomplete Abstract List has been developed.



The screenshot displays the SAP Crystal Reports interface for the report 'EMT Abstract Incomplete List.rpt'. The report is titled 'EMT Incomplete Abstract List' and is for visits between 2016/07/01 to 2016/07/31. The report is organized into a table with columns for Visit ID, Date, and Message. The table lists several records with various messages, including warnings and errors. The interface includes a menu bar, a toolbar, and a sidebar with options like Parameters, Groups, and Find.

Visit ID	Date	Message
W	SB: WARNING: Out of Province HCN = 1, check PCS for Valid out of Province Health Card #, if HCN is not available in PCS leave HCN as 1, (Message#1)	
JL16010210	2016/07/08	2016/07/08 W Custom Warnings Found
W	SB: WARNING: Unknown Ambulance Arrival Time or Transfer of Care time, Verify with Ambulance call report if available and update abstract?	
JL16010211	2016/07/08	2016/07/08 W Custom Warnings Found
W	SB: WARNING: Unknown Ambulance Arrival Time or Transfer of Care time, Verify with Ambulance call report if available and update abstract?	
JL16010310	2016/07/08	2016/07/08 E Custom Errors Found
E	ERROR: HCN Province must = CA for FAS billing, (Message#18)	
JL16011810	2016/07/08	2016/07/08 E Custom Errors Found
E	ERROR: HCN Province must = CA for FAS billing, (Message#18)	
JL16012110	2016/07/13	2016/07/13 E Custom Errors Found
E	ERROR: BBBB Registration Date/Time and Disposition Date/Time cannot be the same, please update the Disposition Date/Time, Message 21	
E	ERROR: Project 998 not coded when Responsibility for Payment = Other Province, Check responsibility for payment (Message 10B)	
W	SB: WARNING: Out of Province HCN = 1, check PCS for Valid out of Province Health Card #, if	

Example of Scenarios

Amcare Module

If MIS Code NOT 713102000 AND Provider Specialty =00080 (Radiologist) AND Intervention Location NOT 06-Diagnostic Imaging AND Intervention Code is NOT CANCELLED generate message.

UDE 006: Radiologist Provider entered must have an Intervention Location Diagnosis Imaging 06

If Intervention Code 1ZZ35HAM9 or 1ZZ35HAM5 AND MIS Code <> 713102000 OR Intervention Location not 04 generate message

UDE 003: If Intervention Code is Pharmacotherapy must be an ER visit with Intervention Location 04

If ER visit AND Access to Primary Health Code is 9-Unknown or Unavailable AND Disposition Code is not death code 10 (DAA) or 11 (DOA) OR Triage Level is not 1-Resuscitation generate message.

UDE 007: Access to Primary Health Care Code is invalid according to Triage Level or Disposition Code

Inpatient Module

If Special Care Unit is 50 (Neonatal Intensive Care) AND Age Code in M or Y OR Age Number is >=12 of patient is over a year old generate message.

UDE 003: Patient in Special Care Unit 50 and Age over 1 year old