

NTRACS Burn Registry

Update Summary – Version 5.11

Clinical Content Enhancements

Demographic

- (Dataset) - **Address State** able to accept Not Applicable and Unknown.
- (Dataset) - A General Comments field has been added. This can be accessed through a button labeled **Notes**. This field can support 3000 characters.

Admit

- (Logic) - When **Admission Status** has a value of 3 or 4, the Checks for **Initial Assessment Date** and **Chart Completed** should not be blank have been removed.

Injury

- (Dataset) - **Injury State** able to accept Not Applicable and Unknown for the collection of data for patients injured in a foreign country.
- (Dataset) - **ETOH Not Tested** field added. When selected, ETOH level field is disabled.
- (Dataset) - Carboxyhemoglobin Not Tested field added. When selected, Carboxyhemoglobin Level is disabled.
- (Logic) - Eliminated auto-generating of the ICD9 Dx code 986 when Initial Diagnosis Methods have a value of 1, Carbon Monoxide Poisoning.
- (Dataset) - Upper limit number of **Drugs** that can be added set to 20.
- (Dataset) - Upper limit number of **Inhalation Diagnosis Methods** that can be added set to 20.

Desc of Injury

- (Logic) - Message notification when Lund & Browder data for a body region exceeds Max % changed from “The maximum percentage for any area cannot exceed the sum of the 2nd and 3rd degree percentage” to “The sum of the 2nd and 3rd degree percentage for any area cannot exceed the maximum percentage.”
- (Logic) - Check added that Subsequent Chart Assessment Date must follow Initial Chart Assessment Date.

Dx

- (Dataset) - Integrate 2010 ICD9 menus. (E-Codes, Procedures, Dx)
- (Dataset) - Upper limit number of **Diagnoses** that can be added set to 70.

Comorbidity

- (System) - Comorbidities grid displays the Comorbidity Comment.
- (Dataset) - Upper limit number of **Comorbidities** that can be added set to 30.

Procedures

- (Logic) - Update **Total OR Visits** calculation. Calculation is derived from procedures with a **Location** performed in OR and has a unique date and time.
- (Dataset) - No OR Procedures Label Changed to No Procedures
- (Logic) - If Procedures grid contains procedures and **No Procedures** is not checked, No Procedures will be disabled.
- (Dataset) - Number of **Procedures** that can be added set to 200.

Complications

- (Dataset) - Add **Procedure Related** (Y/N) field to Complication Assessment Section.
- (Dataset) - Add **Cannot be Determined** (Y/N) field to Complication Assessment Section.
- (Dataset) - Number of **Complications** that can be added set to 80.
- (Logic) - **Occurrence Date** out of Range check error corrected.

Outcome

- (Dataset) - Integrate 2010 **MS-DRG** menu.
- (Dataset) - Menu value of *90 - None* added to **Resource Utilization** field.
- (Dataset) - Number of **Resource Utilizations** that can be added set to 50.
- (Logic) - When **Discharge Status** has a value of 7, Dead, and a non-death value is in **Discharge Disposition** (anything but 13 or 14), a message will be displayed stating that the Discharge Disposition is not a valid option for a Death patient.
- (Logic) - When **Discharge Status** has a value of 6, Alive, and a death value is in **Discharge Disposition** (13 or 14), a message will be displayed stating that the Discharge Disposition is not a valid option for an Alive patient.

Readmission

- (Logic) - Readmission records, user is prompted when Admission Status has a value of 1-4, value selected is not a valid option for a readmission record.
- (Logic) - E-Code 2 value can be modified. E-Code 2 is still copied from initial admission on Readmission creation.
- (Dataset) – **Circumstance of Injury** copied to Readmission record on Readmission record creation.
- (Dataset) – **Occupation Specify** copied to Readmission record on Readmission record creation.
- (Dataset) - **Etiology** copied to Readmission record on Readmission record creation.
- (Dataset) - **Inhalation Injury** copied to Readmission record on Readmission record creation.
- (Dataset) - **Inhalation Diagnosis Method** copied to Readmission record on Readmission record creation.
- (Dataset) - **Initial Lund and Browder Chart** copied to Readmission record on Readmission record creation.

System Updates

- Change the shaded fields from pink/red to yellow.
- Add Data Entry Default feature; which will allow users to set default values in the data entry fields. The default values will be set in all new records as a starting point. The default values can be over written in all fields.
- Added import records functionality. Contact DI for instructions.
- Update Operational Definitions.
- All grids are sortable by column headings.
- Able to add Procedures and Diagnosis to the Frequently Used Procedures and Diagnosis sections their menus.
- Add the ability for multiple Procedures to be entered via single data entry screen.
- Add the ability for multiple Comorbidities with comments to be entered via a single data entry screen.
- Add the ability to allow users to automatically copy the Patient's Address data into the Injury Address fields. Users would click a [Copy Patient Address] button to trigger the copy process.
- System Status Bar displays visit number.
- System Status Bar continues to display a closed record as closed until it has been edited.
- Added the ability for Custom Elements that have been defined and processed, the Section and Prompt Display can be changed. Length or Range can also be increased depending on field type.
- Record Manager default sort order changed to descending order by Registry Number.
- Record Manager can be sorted by ascending or descending order for any column heading.

- Upper Ascii characters are supported in memo fields. Ex(ä, ë, ï, ö, ü)
- Shortcuts for Date and Time Fields
 - (T) - Enters today's date
 - (+) - Increases date or time by a unit of 1
 - (-) - Decreases date or time by a unit of 1
 - See Software Guide for additional short cuts

Report Writer Enhancements and Standard Reports

- Direct Connect Report Writer (no longer have to refresh snapshot to get latest data).
- Report Writer security update to recognize NTRACS Registry accounts.
- When selecting a menu value in Column 2 in a query, RW will now add quotes if it is required for that value.
- Category functionality added to User Statistics Reports.
- Standard Reports Added:
 - Burn Injury Intentionality Data Matrix
 - Etiology by Injury by Gender and Age
 - Etiology by Injury Zip Code Distribution
 - Financial Report – Patient Charges by MS-DRG Code
 - Financial Report – Patient Charges by Age Group
 - Lund and Browder Report (Run on < 50 Pts at a Time)
 - Transport Mode and Hospital Distribution Report
 - Demographic Data Completeness Report
 - Admit Data Completeness Report
 - Injury Data Completeness Report
 - Initial Lund and Browder Data Completeness Report
 - Subsequent Lund and Browder Data Completeness Report
 - Diagnosis Data Completeness Report
 - Comorbidity Data Completeness Report
 - Procedures Data Completeness Report
 - Complications Data Completeness Report
 - Outcome Data Completeness Report
 - Procedures List Report
- Updated pick lists to include new fields
- Updated menu selections for new menus options in Colum 2 of queries.
- Add additional derived and standard tracking fields to the DI Report Writer (such as Date Record Created, Date Record Modified, Record Status, etc.).
- DI Report Writer pick list names changed.
 - *If reports, queries, gathers, etc were created using the names before they will still work.*
 - *Going forward it is recommended to use the new names.*
 - Date of Birth
 - DOB_DD - DOB_D
 - DOB_DM - DOB_M
 - DOB_DY - DOB_Y
 - Arrival Date
 - KEY_DTD001 - ED_ARRDATE_D
 - KEY_DTM001 - ED_ARRDATE_M
 - KEY_DTY001 - ED_ARRDATE_Y
 - Arrival Time
 - EDA_TIME_H - ED_ARRTIME_H
 - EDA_TIME_M - ED_ARRTIME_M

- Injury Date
 - INJ_DATE_D - INJDATE_D
 - INJ_DATE_M - INJDATE_M
 - INJ_DATE_Y - INJDATE_Y
 - Injury Time
 - INJ_TIME_H - INJTIME_H
 - INJ_TIME_M - INJTIME_M
 - Etiology
 - ETIOLOGY - B_ETIOLOGY
 - ETIOLOGY_AS_TEXT - B_ETIOLOGY_AS_TEXT
 - L&B Assessment Date
 - ASSESS_DD0 - ASSESS_DT0_D
 - ASSESS_DM0 - ASSESS_DT0_M
 - ASSESS_DY0 - ASSESS_DT0_Y
 - L&B Subsequent Assessment Date
 - ASSESS_DD1 - ASSESS_DT1_D
 - ASSESS_DM1 - ASSESS_DT1_M
 - ASSESS_DY1 - ASSESS_DT1_Y
 - Discharge Date
 - DC_DD - DCDATE_D
 - DC_DM - DCDATE_M
 - DC_DY - DCDATE_Y
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