eRAD RIS

RELEASE ANNOUNCEMENT

Build 4.2023.040

UPDATED JUNE 14, 2023

TABLE OF CONTENTS

PUBLICATION HISTORY

Revision	Author	Description
June 14, 2023	Kevin Brooks, Michelle Mahabir / Hilary Saltmarsh	▪ Commercial release.

SUMMARY

Release Announcement

This release of ᴇRAD RIS 4.2023.040 introduces a Billing feature designed for recording the amount of contrast waste.

New Features

This release introduces the following features and enhancements:

Category	Redmine #	Subject	Description
Billing	34021	Add Contrast Waste to Contrast Grid	This enhancement to Billing adds support for recording of the amount of contrast allocated to waste for use by the billing system.

Refer to the Fᴇᴀᴛᴜʀᴇ Dᴇᴛᴀɪʟs section below for configuration and usage information.

FEATURE DETAILS

Billing

Feature #34021 – Add Contrast Waste to Contrast Grid

Summary

This enhancement to Billing adds support for recording of the amount of contrast allocated to waste for use by the billing system.
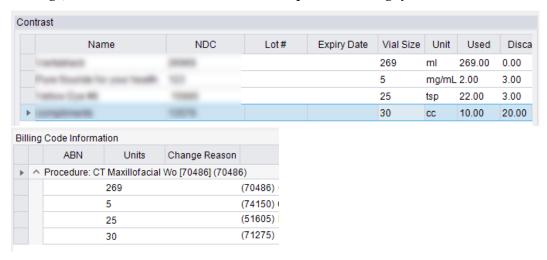

Background

A vial of contrast contains a quantity of contrast material. The amount used depends on many factors (weight of patient etc.) This means that some amount is used on the patient, and some is left in the vial and now considered waste.

Previously RIS had no method for recording the amount that was wasted.

Feature Description

With this change, RIS will calculate these amounts and update the billing system.

The contrast grid columns have been re-ordered and updated to:

- Rename the `Vials` column to `Vial Size` to clarify the purpose of the column.
- Rename the `Amount` column to `Used` to clarify the purpose of the column.
- Add a new read-only column named `Discarded`, automatically calculated by subtracting the `Used` amount from `Vial Size`.

Additionally, a new `Default Vial Size` column has been added to the `Contrast` lookup table. This allows the vial size to automatically populate when a contrast is added to the study contrast grid when an exam is performed. If defaulted, then the `Vial Size` column in the contrast grid will not be editable.

Note that editing the Vial Size amount in the Contrast pane updates the Unit amount in the Billing Code Information pane but editing the Units on the Billing Code tab does not copy to the Vial Size amount in the Contrast pane (it is a one-way sync).

All amounts are rounded to 2 decimal places.

Known Limitations

- EXPECTED BEHAVIOR BY DESIGN (FROM #34021) – VIAL SIZE COLUMN BEHAVIORS

    The `Vial Size` column (previously labeled as `Vials`) was originally used for text values, e.g., `10ml`, but now will only accept numeric input.

    Users encountering legacy values in the `Vials` column that include character data will have to manually update it. Note that the `Unit` must already exist in the `Dosage Unit` lookup table.

    Additionally, when entering a value in the `Vials` column, the up/down "spinner" control will not appear, as it does for the `Used` column.

Configuration Instructions

No System Administrator actions are necessary to enable this feature; however, optional configuration is available:

RIS Client

Changes to Contrast Lookup Table

- A `Default Vial Size` can be added to the `Contrast` lookup table to have the vial size set automatically when a contrast is added to the study contrast grid when an exam is performed.

    > *Note that if a `Default Vial Size` has been added to the `Contrast` lookup table, then the `Vial Size` column in the contrast grid will be read-only.*
    >
    > *If no default is set, the value is editable.*