Updates implemented on Dec. 8th, 2025 to Medication Management RX
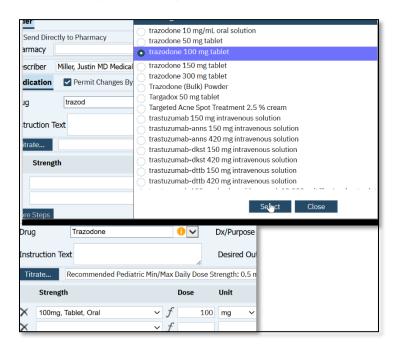
Change to units for some medications

There was a change made to some medications as part of the July MSP updates that were made on Monday Dec 8th, 2025. The unit option now for some medications will be MG. This was done to mitigate issues with prescribing some medications and the accuracy of the prescription being sent to the pharmacy.

<mark>CalMHSA advised to check the Unit options when you are prescribing to make sure it is the correct MG or each for each of your medications.</mark>

When ordering a medication, it is advised to check the Unit field for the unit to make sure you are aware of the unit options. That way you can be sure you are ordering the correct dosage.
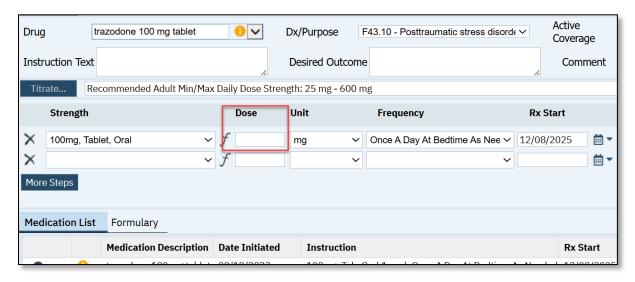
New Orders

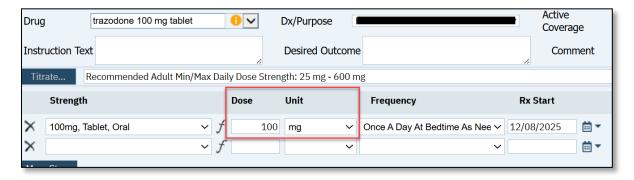When you are placing a new Order the mg will match what you selected and display correctly.

Refills

For refills the dose field will be blank the first time you are refilling, then it will remember the number that was entered in there going forward.

For example, if you are trying to refill Trazadone the Does field will be blank when you re-order.

Then you need to enter the amount of MG's that you want to give. For example if you need the client to take 1-100 mg tablet you would put 100 in the Dose field. Since the unit next to it is MG this will indicate100 MG

After you click insert, it will indicate on the instructions to take 1 tablet (100mg).

Update to Med Management RX-Weight Based Dosage

Weight based Dose Calculator for clients under 18 years of Age

Functionality 'Before' and 'After' release: Before this release, the doses were not calculated for the selected medication based on the Client weight, and if the dose entered exceeds the Recommendation dosage the system was not alerting the user on the medication with high dosage being prescribed.
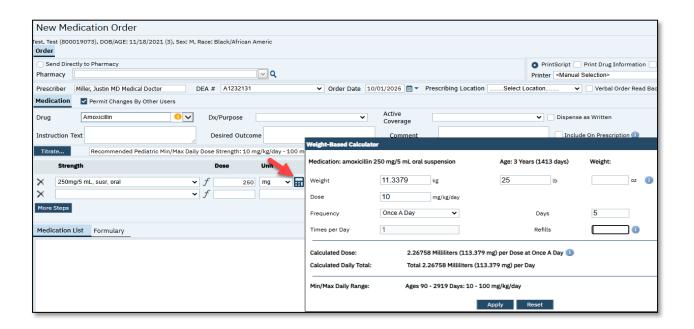
With this release, Weight based dose calculator is implemented which calculates the dose ranges for the medication based on weight of client.

The purpose of this release is to implement a weight-based dosage calculator in the SmartCare Rx application for pediatric clients. It dynamically computes medication dosages using client weight and validates them against FDB-defined min/max thresholds. If the calculated dose exceeds the recommended maximum, a Dosage Acknowledgement popup is triggered, requiring prescriber confirmation. This feature enhances clinical safety by integrating configuration-driven logic, unit compatibility checks, and audit logging for high-dose overrides.

Weight based Dose Calculator icon will be displayed in between Unit Field and Frequency field in the following Order screens.
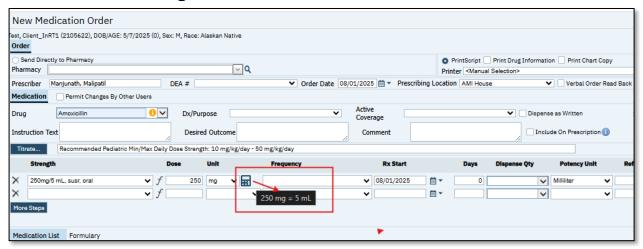
- **New Medication Order**
- **Re-Order Medication Order**
- **Add Medication (Not Ordered Locally)**
- **Change Medication Order**
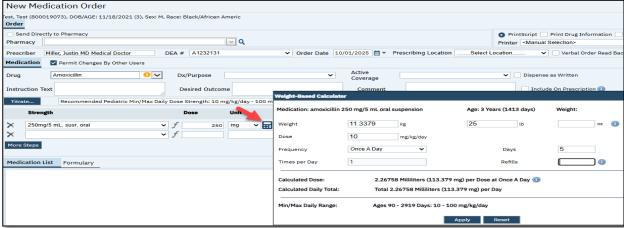
This icon is the Weight based Dose calculator.

Weight based Dose Calculator Examples

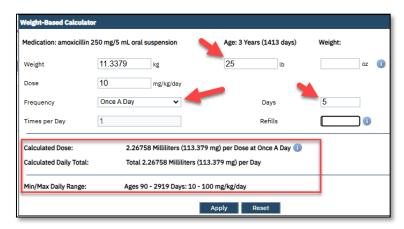## Dosing Calculator Non-Clickable if Over 18

- If the selected client is more than 18 years and the selected medication strength is mg/ml the weight-based dose calculator icon will be displayed, and hover functionality will be displayed.
- The icon will not be clickable, meaning the user cannot click it or access the Weight-Based Calculator popup.
- When the user hovers over the icon, a tooltip should appear displaying the exact mg to mL calculation without rounding.

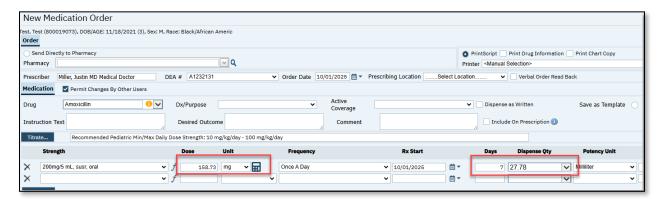## Dosing Calculator Clickable if under 18

- If the selected client is younger than 18 years and the selected medication strength is **mg/ml** the weight-based dose calculator icon will be displayed, and hover functionality will be displayed.
- The icon **WILL** be clickable, meaning the user **CAN** click on it to access the Weight-Based Calculator popup.
- When the user clicks on the icon it will open the Weight Based Calculator
- You can enter the wight in KG,LBS or ounces, the Frequency, Days and then it will calculate the dosage recommendation.
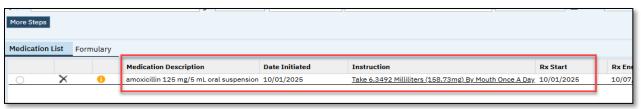
Weight based Dose Calculator Pop Up

- **Weight-**If the weight of the client does not automatically add, you can enter it in here.
  - If the weight needs to be updated for the permanent record it must be entered through the Vitals Flowsheet
- **Frequency-**The Frequency would need to be selected here to calculate the dosage
- **Days-**Would need to be entered
- **Refills-**Needs to be entered
  - The Calculations will show on the bottom section and Days are showed instead of years based on the Age of the client, **Ex. 15 Years (5800) days**
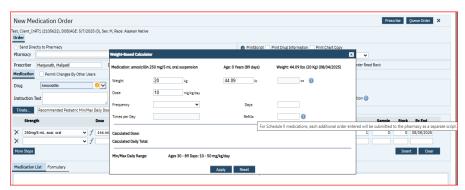

- The Dosage and Dispense QTY will update based on the calculator
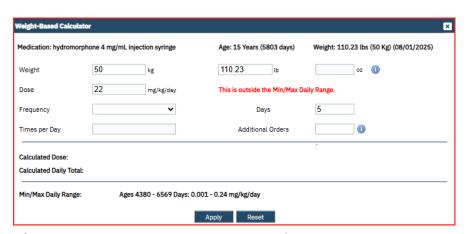- If you are good with the update, you can insert the order

- This will update the instruction text with the dosage and dispense information
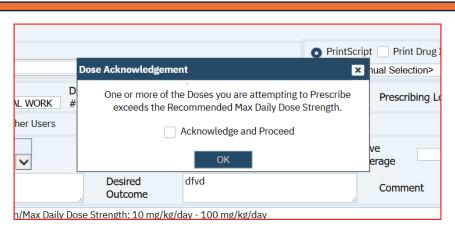
Weight based Dose Alerts and Messages

- For Schedule II medications, each additional order entered will be submitted to the pharmacy as a separate script.

- If the entered Dose is outside the Min/Max Daily Range, the system will show a red bold message: "This is outside the Min/Max Daily Range."

- A new **Alert** is implemented that will be triggered during prescription entry in the Rx Application in the Order screens when the selected medication dosage exceeds the maximum recommended dose based on the client's weight.
- This alert will require an explicit acknowledgement by the prescriber or staff before inserting the medication in the Order screens.