

# Medication Ordering – Renal Replacement Therapy (RRT)

## Purpose

This document provides a concise reference for prescribers on how to order products used to provide continuous renal replacement fluids in Meditech Expanse. It highlights key actions, system behaviours, and clinical considerations to support safe and efficient prescribing.

## Audience

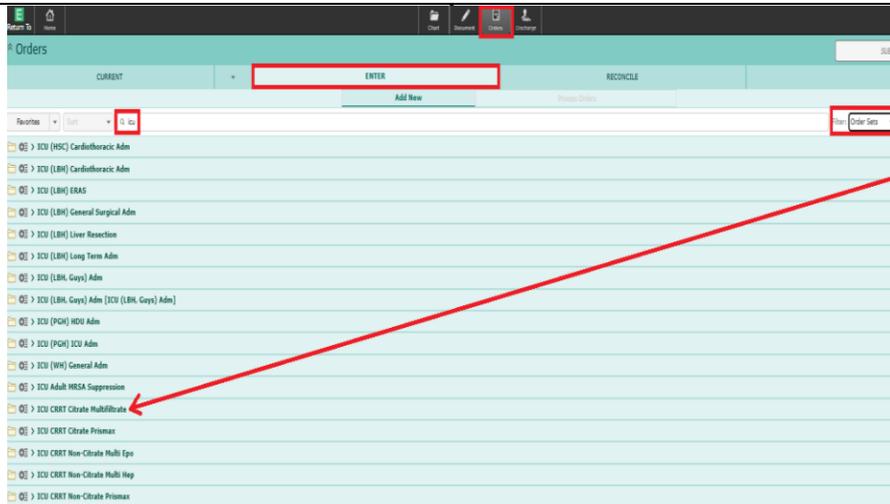
Doctors, Nurses, Clinical Pharmacists

## Version Control

Version	Date	Author	Changes Made
1.0	23-Oct-2025	Le-Jhel Williams, Christopher Meddings, Medical Services	Initial draft

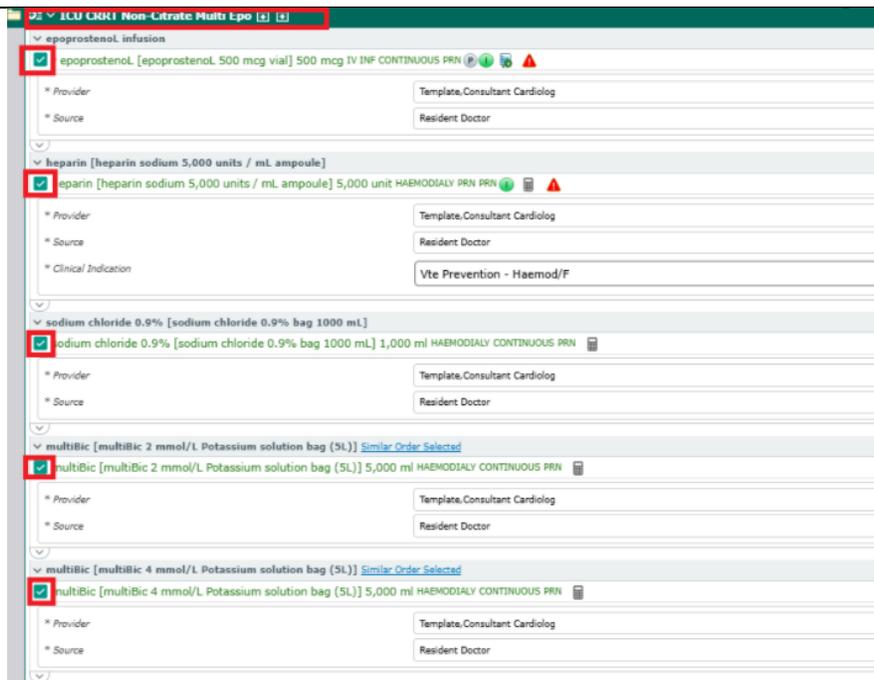
# Med Order – Renal Replacement Therapy (RRT)

This guide outlines the steps for ordering **RRT (Renal Replacement therapy)**—in Meditech Expanse.



Click on **Orders > Enter >** in the search bar type in ICU and **Filter to Order Sets.**

The yellow icon folders represent Order Sets. Select the Order Set relevant RRT. There is a non-citrate and citrate order set available to select.



**Expanse** auto-selects all drugs in this **ICU RRT order set**. Deselect any that are not required, leaving only those to be prescribed marked with a green check box, if required."

multiBic [multiBic 4 mmol/L Potassium solution bag (5L)] Similar Order Selected

multiBic [multiBic 4 mmol/L Potassium solution bag (5L)] 5,000 ml HAEMODIALY CONTINUOUS PRN

23/10/25 12:35

\* Dose 5,000

Units ml

\* Route HAEMODIALY

\* Freq CONTINUOUS

\* Sch PRN

Monograph View

\* Start Date Today

\* Start Time 12:35

Stop Date

Stop Time

Days

Max Doses

Noofly Add/View

\* Provider Template, Consultant Cardiolog

\* Source Resident Doctor

Pending Yes No

\* PRN Reason As per medical advice

Label Comments

Dose Instruction

Special Instructions

Protocol

Taper Search For Taper

Problem

Diagnosis Code

To view the full prescription, select the Expand Icon

ICU CRRT Non-Citrate Multi Epo

\* Clinical Indication Vte Prevention - Haemod/F

▼ sodium chloride 0.9% [sodium chloride 0.9% bag 1000 mL]

sodium chloride 0.9% [sodium chloride 0.9% bag 1000 mL] 1,000 ml HAEMODIALY CONTINUOUS PRN

\* Provider Doctor, Expense

\* Source Independent clinician order

▼ multiBic [multiBic 2 mmol/L Potassium solution bag (5L)] Similar Order Selected

multiBic [multiBic 2 mmol/L Potassium solution bag (5L)] 5,000 ml HAEMODIALY CONTINUOUS PRN

\* Provider Doctor, Expense

\* Source Independent clinician order

▼ multiBic [multiBic 4 mmol/L Potassium solution bag (5L)] Similar Order Selected

multiBic [multiBic 4 mmol/L Potassium solution bag (5L)] 5,000 ml HAEMODIALY CONTINUOUS PRN

\* Provider Doctor, Expense

\* Source Independent clinician order

### CRRT Fluids

These are not built as infusions – i.e. do not require hourly rate documentation on the MAR

This also means they will not add to intake or output

ICU CRRT Non-Citrate Multi Epo

Next Req Field

▼ epoprostenol infusion

> epoprostenol [epoprostenol 500 mcg vial] 500 mcg IV INF CONTINUOUS PRN

23/10/25 17:14

\* Provider Doctor, Expense

\* Source Independent clinician order

▼ ICU CRRT Non-Citrate Multi Hep

Next Req Field

▼ heparin infusion

> heparin [heparin sodium PF 5,000 unit / 5 mL ampoule] 20,000 unit IV INF CONTINUOUS PRN

23/10/25 17:14

\* Provider Doctor, Expense

\* Source Independent clinician order

\* Clinical Indication Vte Prevention - Haemod/F

### Non-citrate anticoagulation

These are built as infusions that require a rate documentation on the MAR

These will also add to fluid balance – despite if given via the dialysis machine or systemically.