

## Order Sets—Key Features and Benefits

This guide is intended to provide an **overview of key features and benefits of Order Sets** within the OPOR Clinical Information System (CIS). In the OPOR-CIS Order Sets may also be referred to as **Powerplans**.

### What is an Order Set?

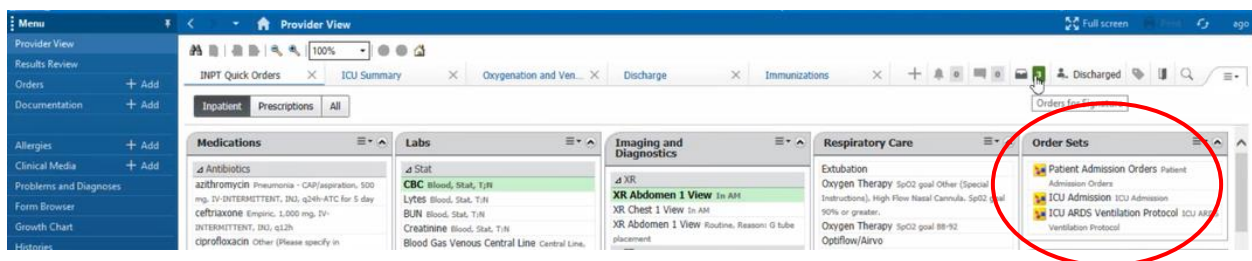
- **Order Sets** are a group of bundled standard orders and are designed based on a condition, disease or procedure;
- A health care provider's **instructions or directives** to other health care workers regarding the treatment of a patient;
- They may contain orders for medications, care instructions, laboratory, diagnostic imaging, diets, etc.

### What are the advantages of Order Sets?

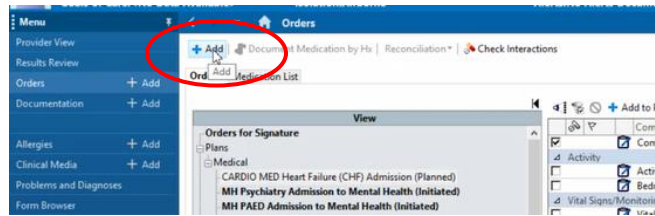
- They are developed to reflect **evidence-based medicine, best practices, policies, and standard practices** to enhance patient care;
- They **increase efficiency** for ordering providers by reducing time spent performing **computerized provider order entry (CPOE)** when placing orders, as compared to ad hoc ordering—they should cover ~90% of a patient's orders;
- They support the delivery of **standardized** care across the province;
- **Clinical Decision Support (CDS) is built in**, supporting providers with evidence-based recommendations and guidance;
- **Workflows can be streamlined** by allowing providers to place an Order Set in a planned state to be acted upon or initiated later.

### Order Sets within the OPOR-CIS

Order Sets can be easily found on the **Provider Quick Orders** page—they are populated, and display **based on your specialty** as chosen by Nova Scotia provider subject matter experts.

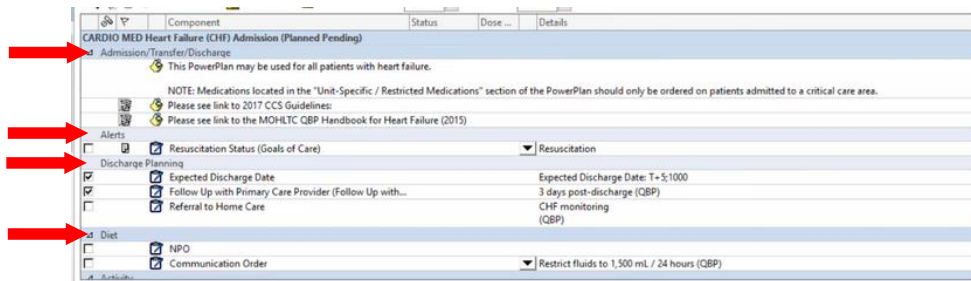


Searching using the **+ Add** button will also allow the provider to search the entire catalogue of Order Sets available.

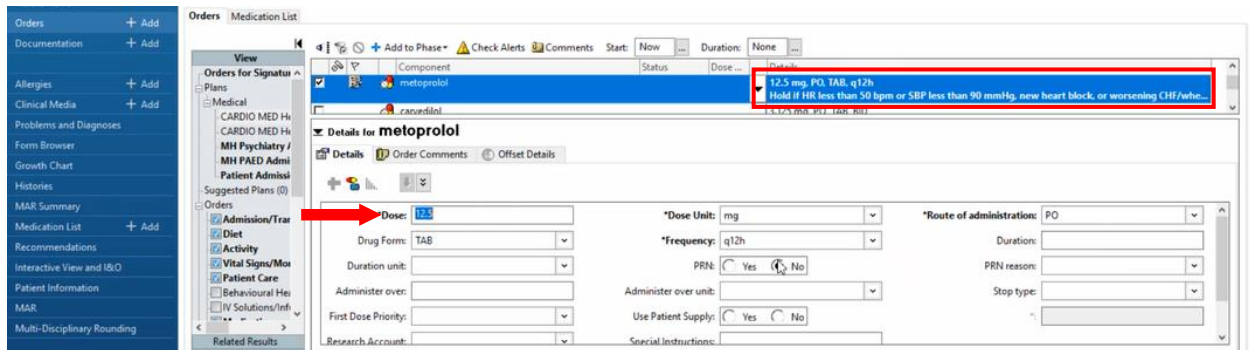


The majority of Order Sets are named with **standardized prefixes** (e.g. RESP, CARD, PED).

Orders within an Order Set are **bundled by category**, for example Activity, Vital Signs, Patient Care, followed by Medication, Laboratory, etc. Most frequently ordered items are at the top of their order category.



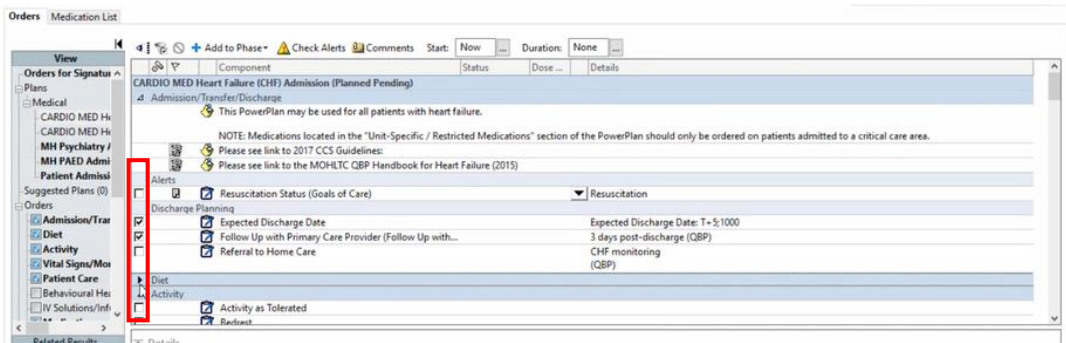
Each order has an **Order Sentence** which contains all the detail required to make a complete order—these are pre-populated often and **can be adjusted** by the provider before signing. Some Order Sentences are conveniently displayed in drop downs if there are multiple clinically reasonable options.




**Frequently used orders** within a particular Order Set can be **pre-selected** or pre-checked—an order should be placed more than 50% of the time to justify pre-checking.

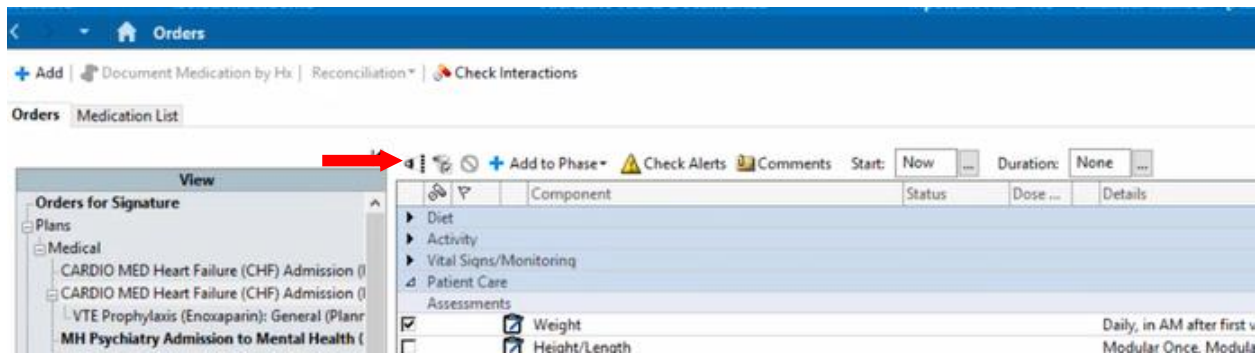
**Unchecked or Unselected Orders** will not be ordered upon signing of the Order Set.

It may be clinically necessary to deem certain orders “**required orders**” – this means they are pre-selected and cannot be unchecked. An example of required order could be a Code Status on an Admission Order Set.

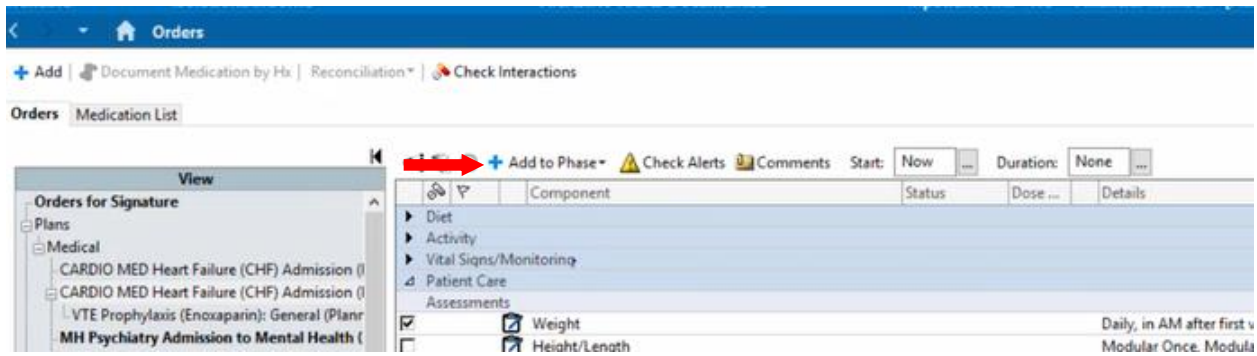



Some orders may be **linked**, as represented by the chain link symbol , meaning that if one order is placed, the other needs to be placed as well.

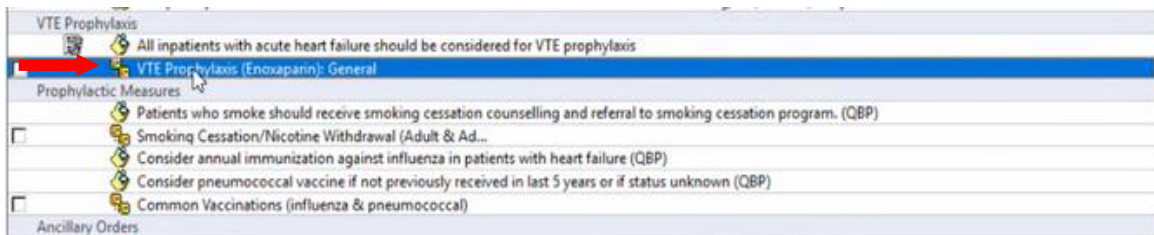
When choosing what orders to place within an Order Set, the provider can select the **Merge View option**, which will display all of the patient’s **active orders** alongside the options within the Order Set to avoid duplications, interactions and to provide a whole picture of the patient care.



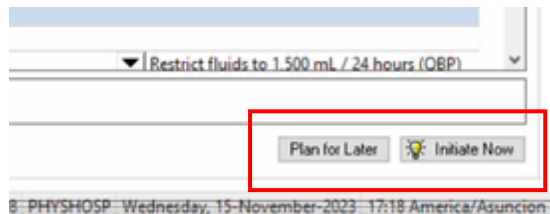
If clinically appropriate, additional orders can be added to an Order Set for an individual patient by selected **Add to Phase**—this order will live within the Order Set on the patient’s profile, **and if the Order Set is discontinued, the order will be as well.**



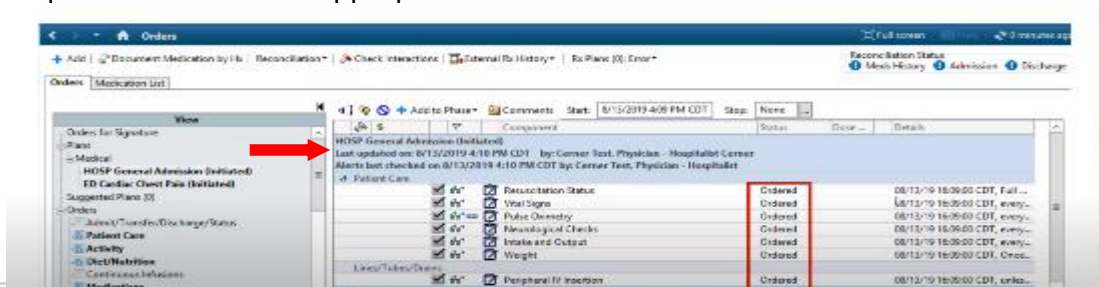
**Subphases** are order sets that can appear as an individual order set or are **nested** within a larger order set. Examples can include: VTE prophylaxis, IV Fluids. Subphases are marked by the  icon.



Selecting **Initiate Now** and **signing** results in the Order Set being immediately active. Selecting **Plan for Later** puts it into a planned state, where it can be initiated when the timing is right.



Upon signature, **Clinical Decision Support** provides immediate information to the provider regarding possible medication interactions, allergies or duplicates (e.g. duplicate lab order very recently drawn), allowing the provider to make an appropriate decision.



## Looking to find more information on OPOR Order Sets?

**Demonstration videos** are available on the [opor.nshealth.ca](http://opor.nshealth.ca) website.

Please contact [CMIO@nshealth.ca](mailto:CMIO@nshealth.ca) for any questions about Order Sets—their functionality in the OPOR-CIS, how we are collaboratively developing them with Nova Scotia Health and IWK Health providers and clinicians across the province and importantly, and **how you can be part of this process**.

While this guide provides a brief overview, the **OPOR Education and Learning team** will prepare you with detailed content and experience leading up to the CIS implementation.