

## Streamlining Electronic Orders Management: Phases of Care from a Nursing Perspective.

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#### Published In/Presented At

Duckworth, K. (2017, March 30 & April 01). *Streamlining Electronic Orders Management: Phases of Care from a Nursing Perspective*. Poster Presented at: ANIA 2017 Annual Conference, New Orleans, LA.

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# Streamlining Electronic Orders Management: Phases of Care from a Nursing Perspective

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## GOAL

**Goal** - Orders are released and performed at the correct point in the patient's phase of care.

Phase of care is defined as the area or location in which the order is carried out by the nurse or clinician. Medications with a phase of care impact the medication routing for pharmacy. By using the correct phase of care, medications are readily available for the patient when and where it is needed.

## STRATEGIES

- Worked with an interprofessional team to define phases of care and established a list of phases of care that were used for order set creation
- Created order sets for providers using defined phases of care
- Educated providers and nurses regarding the definition of phases of care and impact to pharmacy and nursing
- Automated a phase of care pop up window when orders are placed outside an order set
- Grouped orders by phase of care for nursing

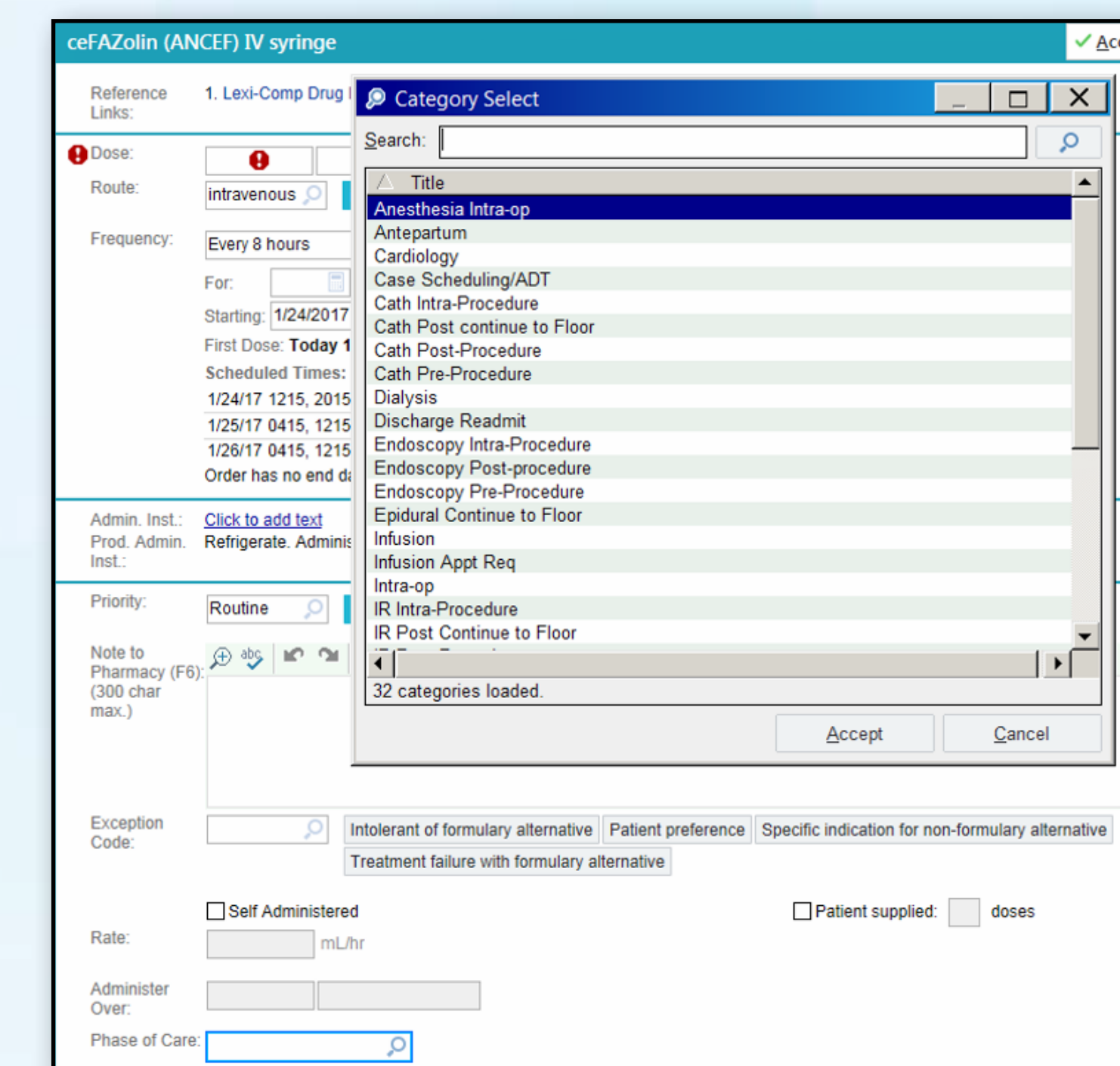
## INTERPROFESSIONAL TEAM

- Nurses
- Surgeons
- Clinical Informaticists
- Pharmacists
- Anesthesia staff
- Epic Analysts

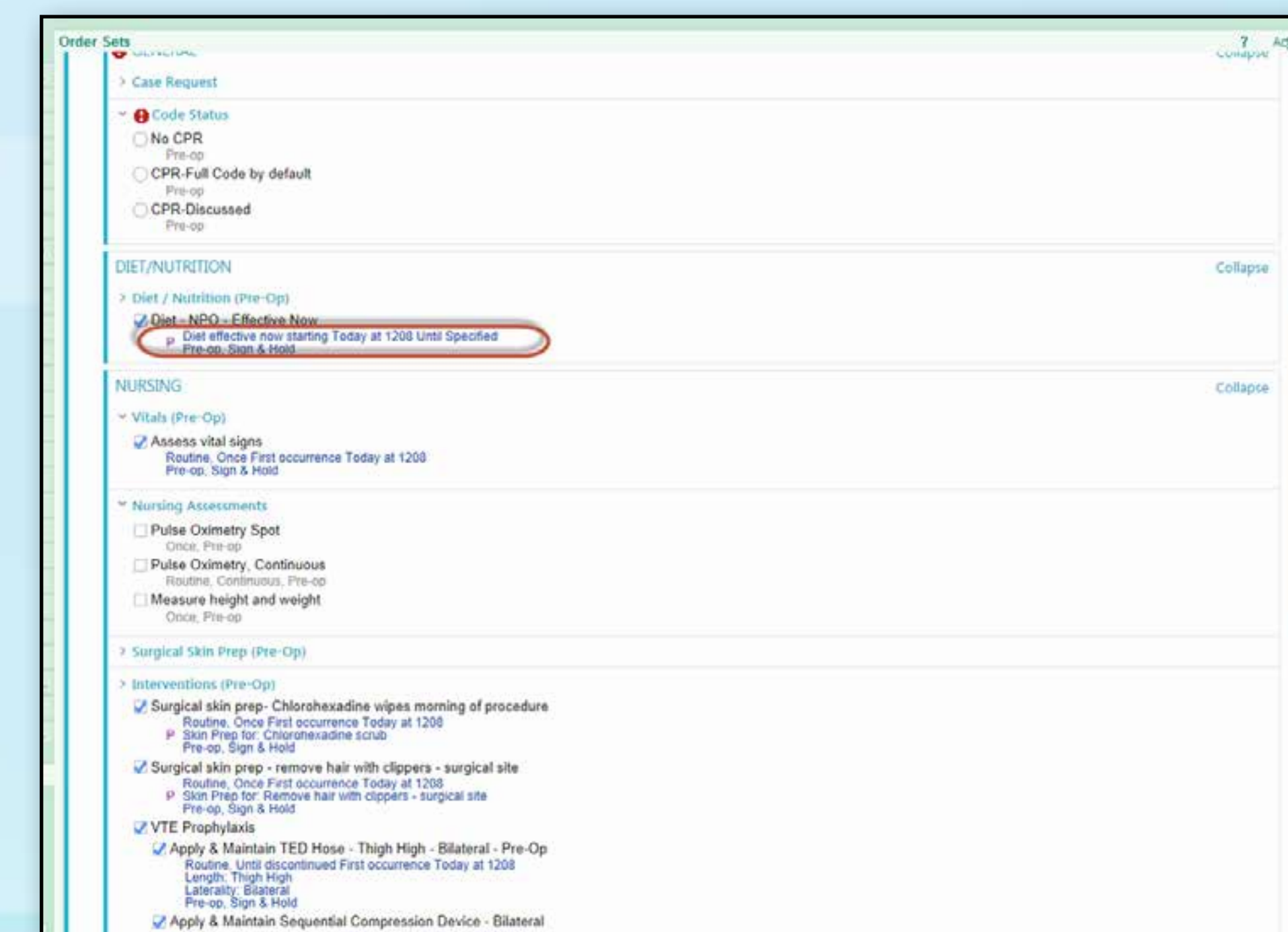


## PHASES OF CARE

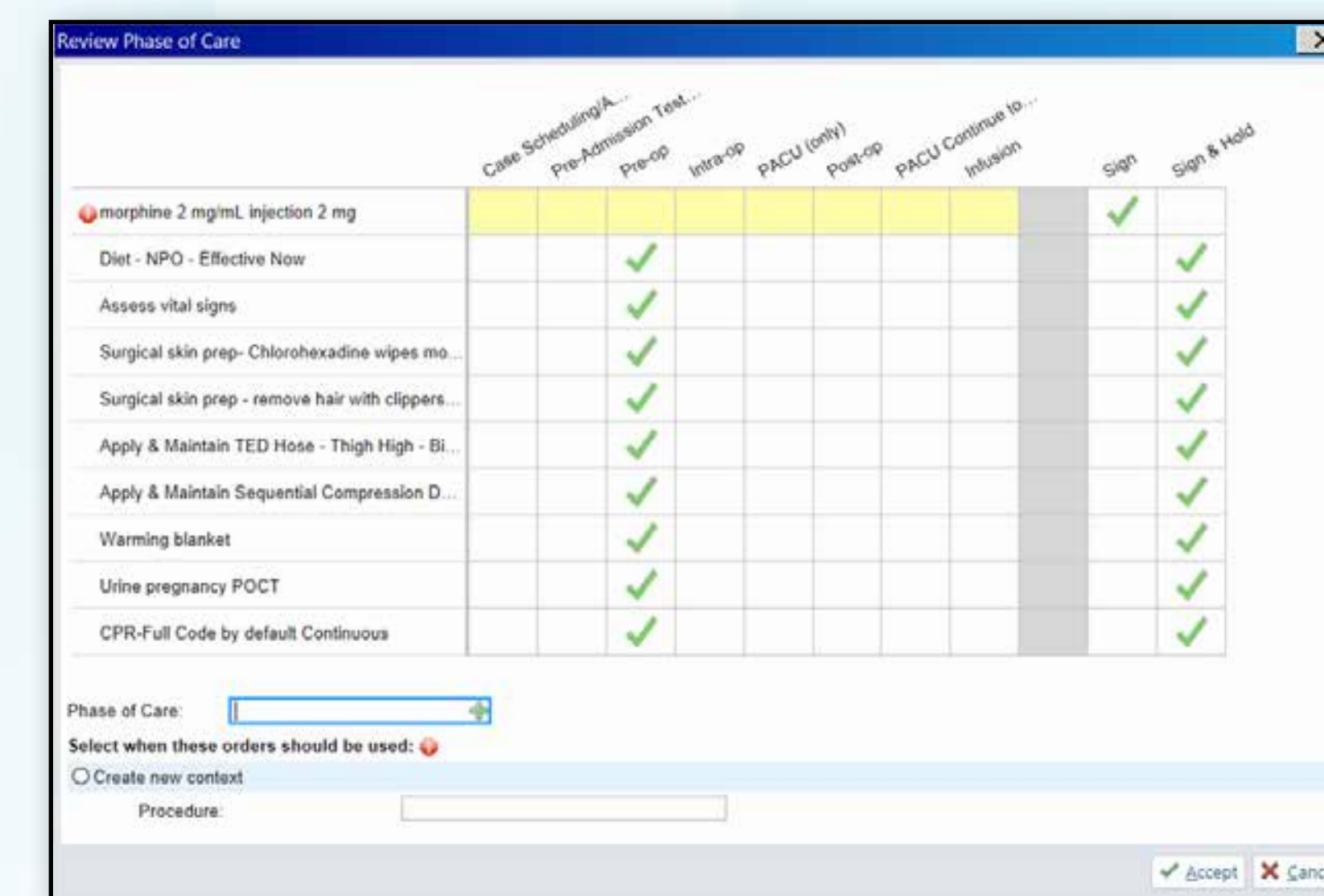
### Phase of Care Window



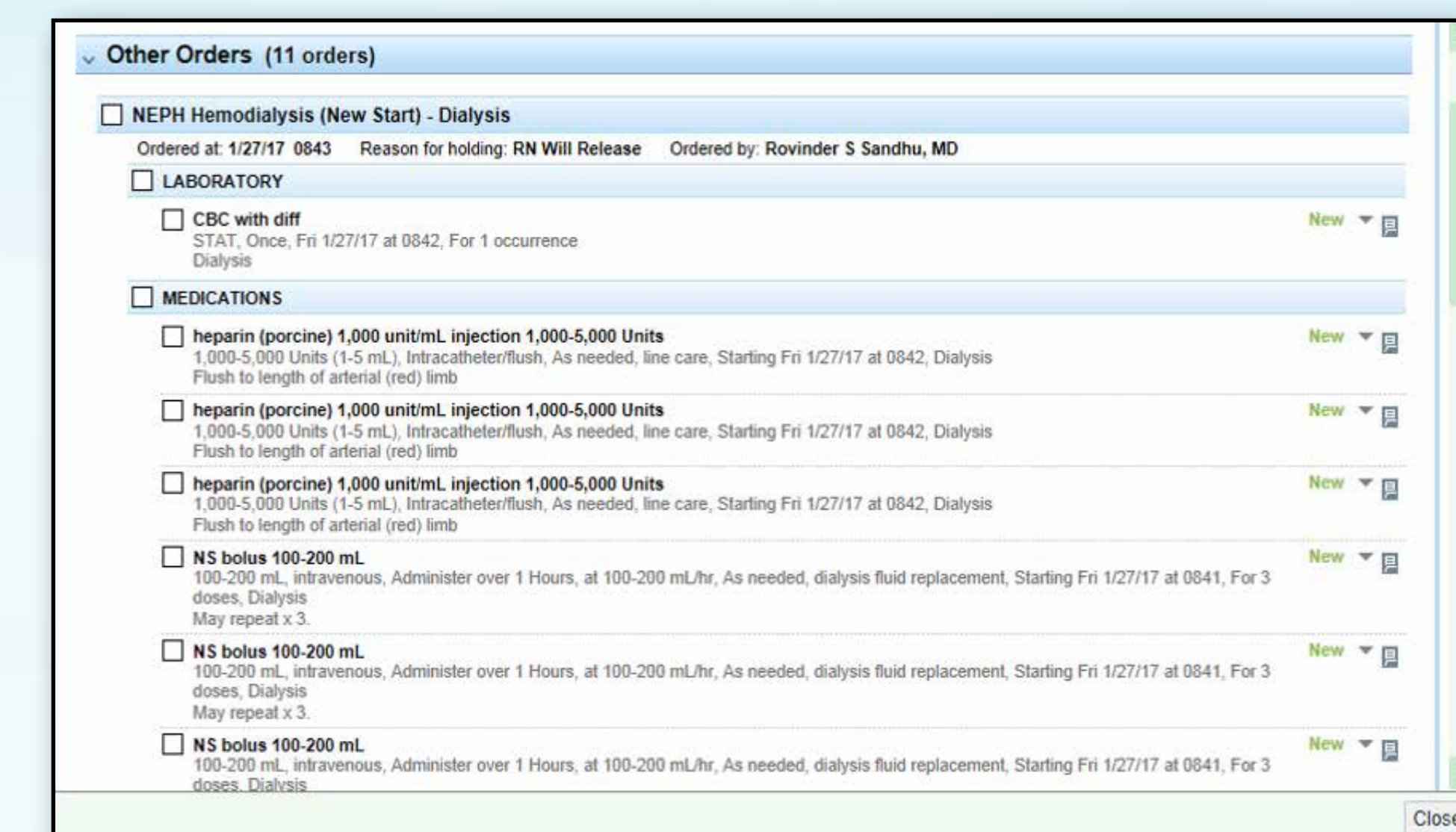
### Order Set



### Phase of Care Window Pop Up



### Signed and Held Orders Grouped by Phase of Care



### Active Orders Grouped by Phase of Care

| Phase of Care       | Order   | Frequency   | Start Date | End Date | Location | Modify | Discontinue |
|---------------------|---|---|------------|----------|----------|--------|-------------|
| Dialysis            | heparin (porcine) 1,000 unit/mL Injection 1,000-5,000 Units | 1,000-5,000 Units (1.5 mL), Intracatheter/flush, As needed, line care, Starting Fri 1/27/17 at 0845, Dialysis   |            |          |          | Modify | Discontinue |
|                     | heparin (porcine) 1,000 unit/mL Injection 1,000-5,000 Units | 1,000-5,000 Units (1.5 mL), Intracatheter/flush, As needed, line care, Starting Fri 1/27/17 at 0845, Dialysis   |            |          |          | Modify | Discontinue |
|                     | heparin (porcine) 1,000 unit/mL Injection 1,000-5,000 Units | 1,000-5,000 Units (1.5 mL), Intracatheter/flush, As needed, line care, Starting Fri 1/27/17 at 0845, Dialysis   |            |          |          | Modify | Discontinue |
| NS bolus 100-200 mL | NS bolus 100-200 mL   | 100-200 mL, intravenous, Administer over 1 Hour, at 100-200 mL/hr, As needed, dialysis fluid replacement, Starting Fri 1/27/17 at 0845, For 3 doses, Dialysis |            |          |          | Modify | Discontinue |
|                     | NS bolus 100-200 mL   | 100-200 mL, intravenous, Administer over 1 Hour, at 100-200 mL/hr, As needed, dialysis fluid replacement, Starting Fri 1/27/17 at 0845, For 3 doses, Dialysis |            |          |          | Modify | Discontinue |
| Dialysis            | Baseline, Once, Fri 1/27/17 at 0846, For 1 occurrence       |   |            |          |          | Modify | Discontinue |
|                     | K+ Potassium per protocol                                   |   |            |          |          | Modify | Discontinue |

## OUTCOMES

- Orders are performed at the correct point in the patient's phase of care
- Medications are routed to the correct location based on the patient's phase of care

## NEXT STEPS

- Continue education to emphasize the importance of choosing the correct phases of care when placing orders
- Review and optimize order sets with providers to ensure orders have the correct phase of care



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