



# SAFETY ALERT

## Medication Safety on Ketogenic Diet

“Sharing Lessons Learned”

### Situation:

A couple of recently reported incidents highlighted the dispense of sugar (or equivalent) based formulations from inpatient pharmacy (for inpatients on a ketogenic diet).

### Background:

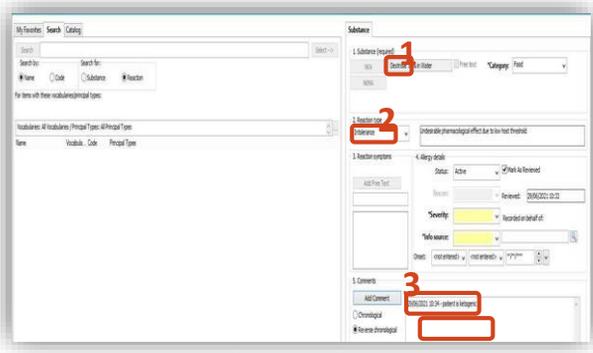
Sugar (or equivalent) is contraindicated in patients on a ketogenic diet.

### Assessment:

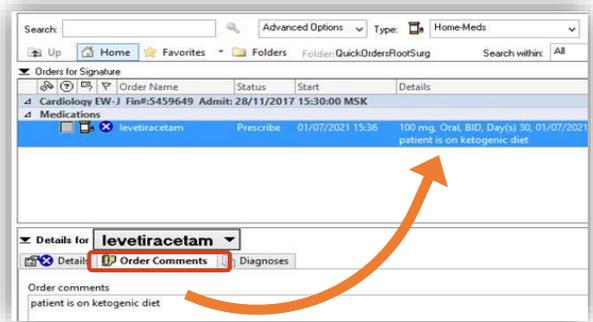
There is no apparent source easily visible information for the verifying pharmacist to avoid dispensing sugar (or equivalent) free formulations.

### Recommendations:

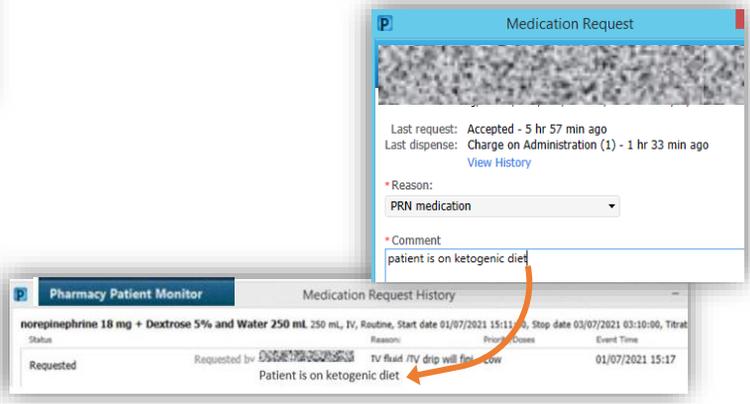
1. Update the allergy section with Substance: Dextrose> Reaction type: Intolerance> add the comment: *“The patient is on a ketogenic diet”* (Responsibility: Physician, Nurse, Clinical Dietitian, Clinical Pharmacist, or Inpatient Pharmacy) (Figure.1)
2. Add the phrase *“The patient is on a ketogenic diet”* under the comment section for each medication order. (Responsibility: Physician) \*Temporary plan till recommendation 4 is implemented\* (Figure.2)
3. Add a comment under Pharmacy Patient Monitor (PPM) for requested doses *“The Patient is on a ketogenic diet”* (Responsibility: Nurse) \*Temporary plan till recommendation 4 is implemented\* (Figure.3)
4. To build a pop-up alert that automatically fires for any patient on a ketogenic diet (system build by HITA) Once this recommendation is active, recommendations 2 and 3 will be stopped based on communications through EC



(Figure.1)



(Figure.2)



(Figure.3)

Prepared by: Medication Safety Committee