Nursing Flowsheet
(serial specimen sampling and processing template)

Study: _____
GCO#: _____
PI: _____
Co-I: _____
Research Coordinator: _____

Date: _____ **Time:** _____ **Allergies:** _____

- ❑ Confirm signed consent & HIPAA forms
- ❑ Contact study team upon patient's arrival.
- ❑ Record last meal date: _____ & time: _____ (diabetics do not have to fast/non-diabetics should have fasted x 8hrs)
- ❑ VS (after sitting x 10 minutes) BP: _____ HR: _____ RR: _____ T: _____
- ❑ Ht: _____ Wt: _____ **(no shoes)**
- ❑ 24 hour urine: Date/Time start: _____ Date/Time end: _____ Volume:_____
  Aliquot 24 hour urine into <u>yellow</u> 2ml screw cap tubes x 2. *(notify study team if urine collection is <24hrs)*. Store in -80°C freezer. Use CRU freezer label: u24A & u24B
  Use a graduated cylinder to measure the volume
- ❑ Urine Collection *(for entire length of CRU visit)*:
  - ➢ Time: _____ Discard first void then begin to collect urine for entire length of visit.
  - ➢ Use first void for pregnancy test *(♀ of child bearing potential only)* **positive** **negative** **N/A**
- ❑ Time: _____ FS Glucose: _____ Notify study team if FS <70 or >200. **N/A**
- ❑ Time: _____ Insert _____G IV via _____ vein to saline lock for blood draws.
  - ➢ 2ml green TT x 1 (provided by study team)
  - ➢ 4ml LTT x 1
  - ➢ 5ml gold TT x 2
- ❑ May eat after initial blood draw

Blood Processing: (use CRU freezer labels)

- ❖ **green TT:** Spin at 2000 G x 10 minutes, immediately aliquot 0.5ml plasma into <u>clear</u> 2ml screw cap tubes x 2 and store in -80°C freezer. Use CRU freezer labels: plasma ph +10, ph +30, ph +120, ph +240, ph +360
- ❖ **LTT:** Invert the tube then transfer 1ml into <u>purple</u> 2ml screw cap tubes x 2 and store in -80°C freezer. Use CRU freezer labels: whole blood wA & wB
- ❖ **gold TT:** Let blood clot x 30 minutes and spin at 2000 G x 15 minutes. Aliquot 1.5mls into <u>red</u> 2ml screw cap tubes x 3 and store in -80°C freezer. Use CRU freezer labels: serum sA, sB, & sC

- ❑ Anaphylactic kit at bedside
- ❑ Time: _____ Insert _____G butterfly needle via _____vein to saline lock (in contra lateral arm). Use for study drug administration. Follow with Normal Saline 10ml flush then d/c butterfly needle.
- ❑ Syringe Weights obtained by study team:
  - ➢ Empty syringe in wrapper (nearest tenth): _____G
  - ➢ Syringe with wrapper, red cap tip, & _____(nearest tenth): _____G
  - ➢ Syringe, post-administration, with wrapper & red cap tip (nearest tenth): _____G

Time	Actual Time	Procedure	RN Signature
Time 0		Administer _____ (_____), followed by Normal Saline 10ml flush, then d/c IV. End time of IVP: _____	
+10 min		Draw 2ml green TT (provided by study team)	
+ 30 min		Draw 2ml green TT (provided by study team)	
+ 120 min		Draw 2ml green TT (provided by study team)	
+ 240 min		Draw 2ml green TT (provided by study team)	
+ 360 min		(if box was checked) Draw 2ml green TT (provided by study team)	

- ❑ Notify study team if patient experiences any of the following: allergic reactions, sensations of warmth & pain, dizziness, lightheadedness, headaches, abnormal vision, nausea, diarrhea, abdominal cramps, anxiety, fever, unable to move & speak, seizure, coughing or sore throat.

- ❑ Give subject 6oz of water <u>every</u> hour.
- ❑ Patient activity is ad lib.
- ❑ D/C IV after last blood draw. Patient must stay for at least 30 min after the removal of the IV.
- ❑ VS (prior to d/c): BP: _____ HR: _____ RR: _____ T: _____
- ❑ Remind patient to void one last time prior to discharge. Time of last void: _____ and total volume: _____
  Use a graduated cylinder to measure the volume

- ❑ D/C home stable at TIME: _____

Urine processing for urine collected at CRU: (use CRU freezer labels) Study team will provide the additives (*to be stored at CRU, room temperature, ideally not in direct sunlight*).

- ❖ <u>Blue</u> 2ml screw cap tubes x 2: (neutral urine aliquots) transfer 2ml into each tube and store in -80°C freezer. Use CRU freezer labels: urine unA & unB
- ❖ <u>Green</u> 2ml screw cap tubes x 2: (acidified urine aliquots) transfer 2ml into each tube. Using the **P20** Pipetteman, add 12 microliters of **6 N hydrochloric acid** into the vial. Fasten the top to the vial and gently mix by inverting 8 times. Store in -80°C freezer. Use CRU freezer labels: urine ua A & ua B
- ❖ <u>Orange</u> 2ml screw cap tubes x 2: (alkaline urine aliquots) transfer 2ml into each tube (study team will provide these tubes). Using the **P20** Pipetteman, add 12 microliters of **1 N sodium carbonate** into the vial. Fasten the top to the vial and gently mix by inverting 8 times. Some precipitate may form, which is normal. Store in -80°C freezer. Use CRU freezer labels: urine ub A & ub B

RN Signature: _____