**

**Caring for a HALF-PINT Subject:**

**Bedside RN Daily Overview**

**Tracking a Consented Subject (monitoring for hyperglycemia; not yet randomized)**

* Your patient’s parents/guardians have consented to have the child participate in the HALF-PINT study and the patient is now being tracked to determine if s/he becomes hyperglycemic
  + Hyperglycemic is defined as a blood glucose measurement > 150 mg/dL which is then confirmed with a second measurement also > 150 mg/dL
  + The second confirmatory measurement should be taken as quickly as possible, hopefully within 1 hour of the first (though MUST be within 24 hours of the first result > 150 mg/dL)
  + NOTE: these measurements must be consecutive
* If the subject meets the above hyperglycemic definition, s/he is then initiated (includes steps listed below)

**Initiating a Subject**

The following steps need not be done in a particular order, with the following exception: *Subject must have sensor inserted and all other equipment available prior to randomizing the subject via the HALF-PINT website.*

* Retrieve the HALF-PINT cart and be sure that all necessary equipment is available (study laptop; Nova glucometer, strips and solutions; Enlite sensors, serter and monitor; VAMP Jr. and needleless cannulas)
* Confirm available access for insulin infusion
* Ensure that insulin is ordered

*The steps below are those you will take from the time you log on to the website through the time CHECKS is initiated (this is all on the website)*

* Access the study website at “halfpintstudy.org” and log on in the upper right corner with your generic site username and password
* Click on the white “Staff” tab
* Click on “Initialize Subject” which takes you through all necessary steps, including having the ability to review all related videos
* Refer to the “Enrolled Subject Bedside Sheet” in the front of the Nursing Binder that has been in the patient’s room since s/he was consented; this has the two pieces of information you need to continue to initiate
  + The subject ID number (total of seven digits, format 01-0017-4)
  + The study password (random animal/insect)
  + Enter these pieces of subject-specific information
* Insert sensor
  + You will be required to enter sensor, transmitter and monitor data such as identification and lot numbers as well as the name of the staff person inserting the sensor and anatomical location of the sensor
  + Date and time dressing
* Insulin
  + You will enter subject weight and insulin concentration and ensure insulin is ordered
* Insert VAMP Jr.
* QC the Nova StatStrip for solutions 1 and 3
* Start CHECKS; click “Initialize”
  + You will now save the file and launch the CHECKS algorithm
* Calibrate the monitor (enter first blood glucose)
* Follow CHECKS instructions regarding insulin recommendations and frequency of blood glucose checks, enter data as requested

**Caring for an Initiated Subject**

* Continue to follow CHECKS insulin recommendations and requests for data entry (blood and sensor glucose results)
* Contact study staff with any questions or concerns (contact information will be located in the Bedside Binder)
* Change sensor (and site) every 6 days