**Colonic Manometry-Parent Guide**

Prior to admission

* You may be asked to start a home cleanout regimen prior to admission
* Some medications may interfere with the Manometry study. You may be asked to stop certain medications weeks to days prior to the study.
* You may be asked to start a clear liquid diet prior to admission. An example of a clear liquid diet includes Kool-Aid, Jell-O, Popsicles, broth, apple juice, ginger ale and water.
* You may consider bringing your child’s favorite toys or games as they will need to remain in bed during the study
* Reassure your child that you will be with them during the entire test (except during catheter placement, during which time your child will be sedated)

Day of Admission (Monday or Tuesday)

* Your child may have a motility appointment at Primary Children’s Eccles building prior to admission
* Arrive at Primary Children’s Hospital admitting at 11 AM (unless otherwise specified)
* A Nasogastric tube may be inserted to administer medications for cleanout
* IV will be placed to receive fluids for hydration
* Your child will be restricted to a clear liquid diet at this time

Day of Procedures (Wednesday)

* Your child will be taken to the Children’s Procedure Center. They will be placed under sedation. A colonoscopy (with biopsies) will be performed and the manometry catheter (tube) will be placed. It will extend though the colon and out of the rectum. The catheter will be secured in place with tape near your child’s rectum and inner thigh.
* As your child fully awakes from anesthesia it is important to assist your child in not pulling out the catheter
* Following the procedure, your child will **not be able to have anything by mouth** as this can alter the study. IV fluids will keep your child hydrated
* Your child will need to **remain in bed** for the remainder of that day and until the study is completed the following day
* Your child must use a bedpan, urinal or diaper instead of going to the restroom
* For the remainder of the evening, your child will be free to do any activities that they can do in bed. The actual study will begin the next morning at approximately 8 A.M.

Day of the Study (Thursday)

* The catheter will be connected to a portable computer for approximately 6 hours
* At a specific time during the study, your child will be given a meal and medications as part of the study. However, do not allow your child to eat or drink until instructed to do so by the manometry nurse
* Once the study is complete, the catheter is removed.

**Parent’s Frequently Asked Questions**

***What is Colonic Manometry?***

* Colonic manometry measures the pressure or contractions in the large intestine

***How is the manometry catheter (tube) placed?***

* A device called a “manometry catheter” is placed in the large intestine through the rectum while your child is asleep using a camera called a colonoscope

***What is the purpose of Colonic Manometry?***

* To determine how well your child’s large intestine is working. The large intestine is the final tube in the body where stool is formed, stored and then exits

***What will my child feel during the test?***

* This test does not cause pain. However, a medication called Bisacodyl may cause belly cramping.
* Sometimes a small amount of water may leak from your child’s bottom during the test
* After the study is complete, we remove the tape holding the catheter in place. Tape removal may be uncomfortable
* Removal of catheter is not painful

***Why can’t we do the study on the same day the manometry catheter is placed?***

* We conduct the colonic manometry study the day after it is placed to allow anesthesia to be out of the system prior to beginning the study. Anesthesia is used to help your child sleep during the procedure. Anesthesia can alter the results of the study

***Can my child have a sucker, hard candy or a swab after the catheter is placed?***

* No, this can cause activity in the large intestine which may affect the study

***What if my child is on TPN (Total Parental Nutrition)?***

* Your child will not receive TPN while at the hospital. We will provide specific types of IV fluids that will keep your child’s sugar stable and keep them hydrated. TPN can be started once they are discharged from the hospital

***When will I receive the results of the study?***

* The Motility Doctor will call you with results in approximately 1-2 weeks following the study and provide recommendations on how to further manage your child’s care

***Who do I call if I have any questions?***

* Please call the motility nurse at 801-662-1619, option 2, option 2