



Nursing Service Guidelines Endoscopy Unit

Title: **FECAL MICROBIOTA TRANSPLANTION (FECAL TRANSPLANT) GUIDELINES**

Responsibility: Endoscopy Registered Nurse (RN)

Purpose of Guidelines: Fecal bacteriotherapy or fecal microbiota transplant (FMT) may be considered medically necessary as a treatment for recurrent or relapsing Clostridium Difficile infection (CDI) as indicated by a positive C. Difficile toxin stool test.

Procedure: Equipment necessary for preparation of stool:

“STOP” sign for restroom door
Specimen “hat”
Scale
Blender (kept in scope disinfection cupboard)
6-8 60ml Catheter tip syringe
400ml Sterile NS
1000ml container
Gloves/PPE including mask, goggles, and gown

1. Donor and recipient present to Pre-op area within one hour of procedure time, which must be carefully coordinated with GI team and physician.
2. Staff escorts donor to the patient restroom located next to room #1529 and hangs a stop sign on the door to prevent anyone from entering after donor starts the donation process.
3. Donor must defecate fecal specimen into “hat” with instructions to immediately report to Pre-op staff when complete. Donor does not leave the area until a sufficient amount is collected.
4. Staff covers specimen/hat with biohazard bag and transfers to scope room.
5. Specimen must weigh 50 grams. If not enough, retrieve additional stool from donor. If still not enough consult with physician.
6. Place stool into blender, add sterile NS and mix until a milk shake consistency is reached. Adding small amounts of sterile NS as needed. Use all stool.
7. Draw up total amount of fecal transplant material into 60 ml catheter tip syringes. Keep protective lid on syringes to prevent leakage.
8. Place all syringes “tip down” in 1000 ml container.

9. Draw up one additional 60 ml syringe of sterile NS.
10. Transfer to room with red biohazard bag.
11. When physician has reached cecum during colonoscopy, remove biopsy cap on scope.
12. Physician will inject fecal transplant material into bowel.
13. During recovery time, patient should remain on right side to keep transplant material from entering rectal vault.
14. Patients are instructed to stay on right side for two hours after they leave facility to ensure successful transplantation.

Cleaning of equipment:

1. Blender parts (excluding electrical base) should be disassembled and manually cleaned at detergent recommended temperature until no visible debris is left. Once debris is removed, allow to soak in detergent for manufacturer recommended time.
2. Place parts (excluding base) into Medivator for HLD.
3. After HLD cycle, rinse and dry all blender parts.
4. Place all blender components into designated container.
5. Wipe down scale with disinfectant wipes and place in container.

Reviewed by: Danielle Crosby, RN, Operations Supervisor Endoscopy

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