

How to perform a capsule-based fecal transplant

Before the transplant

- Get trained by Openbiome. Go to openbiome.org and there is a web-based training that takes about 10 minutes. No significant pill dysphagia allowed for patients getting capsule FMT.
- Counsel on risks and benefits and document that. Openbiome reports a 70-80% short-term success rate of treatment of rCDI with capsule-based FMT. FMT is investigational. There are risks of disease transmission.
- Ask Stacy Jordan via email (she does not check epic messages) to order the pills
- To schedule, direct the schedulers to mark the visit in which the patient will take the pills as a pill-based FMT visit. I think a 30 minute slot is probably fine. That will flag the nurses to get you a procedure consent ready and a big glass of water
- Give the patient instructions, below

The day of the transplant

- Once patient has arrived, go get the pills. Go to the FMT binder behind the charge nurse's at GIP and get the key to the freezer. The pills should be in the top drawer of the FMT freezer in the dirty utility room in GI procedures. Note the Openbiome # of the pills that are on a sticker on the side of the pill bottle, and find that openbiome # in the book and document the patient's name, MRN, doctor and day of transplant
 - Consent the patient and get them to sign, the desk staff should upload this into medical record
 - Give the patient the pills to take sequentially with their glass of water
 - **BILLING. In Epic go to "Wrap Up" → "Charge capture". Capsule Fecal transplant is charge 44799. Charge this.**
 - Document. I have sample documentation below
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Patient Instructions (McGill has dotphrase,.oralfmtins)

Instructions for the oral FMT:

Patient preparation is as follows.

Prior to the procedure:

- a. Discontinue vancomycin or other antibiotic 2 full days prior to administration
- b. Take an over the counter proton pump inhibitor like omeprazole 20mg on the morning two days prior to and on the morning prior to the scheduled procedure. No need to take it on the morning of the procedure.

C. Please scrub the hard surfaces of your bathroom and kitchen with 1 part clorox: 10 parts water solution, to get rid of the C. Diff spores

On the day of the procedure:

- Clear fluids only beginning the morning of administration.
 - Nothing by mouth 2 hours before administration.
 - You will have a maximum of 90 minutes to swallow the 30 treatment capsules. Our capsules are size 00 (roughly the size of a large multi-vitamin). Every dose includes an inert test capsule which you will swallow first. Plenty of clear fluid should be available to the patient during administration.
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Documentation (McGill has dotphrase .oralfmtnote)

UNC Faculty Gastroenterology Follow-up Note

ASSESSMENT:

Xxx with history of C. Difficile infection, s/p oral fecal microbiota transplantation performed today per protocol.

PLAN:

- able to eat in 1 hour
- do not resume antibiotics (ie vancomycin)
- avoid further antibiotics, and medication such as omeprazole for heartburn
- please contact my office if diarrhea returns

-rtc 2 months

HPI: XX seen in follow-up at the request of Dr. @REFPROVLNAME@ for follow-up of C. Difficile infection not responding to antibiotics.

Today, we performed oral FMT using Openbiome capsules ***. The patient signed informed consent after discussing the benefits and risks of FMT including that it is highly effective therapy for recurrent C. Diff (estimated ~70-80% short-term cure rate with capsules); that transmission of disease from donor to recipient is possible, that it is considered an experimental therapy, and the alternative which would be further antibiotics. The patient swallowed 30 capsules sequentially without event.

In interim, history:

Past medical history, social and family history were reviewed and changes noted.

MEDICATIONS:

VITAL SIGNS AND PHYSICAL EXAM: