## Mini-Medical School



# Colonoscopy 大腸鏡檢查(英文)

## Indications

- 1. Lower gastrointestinal bleeding or positive reaction of fecal occult blood test
- 2. Abdominal pain without definite cause
- 3. There is obstruction or abnormality of colon detected by abdominal radiography
- 4. The surveillance after colon cancer surgery
- 5. The surveillance after polyp removal (polypectomy)
- 6. The surveillance of history of familial colon cancer
- 7. The surveillance of inflammatory bowel disease (ulcerative colitis, Crohn' s disease)
- 8. Iron deficiency anemia with unknown cause
- 9. Chronic abdominal pain

## Purpose of therapy

- 1. To stop bleeding of lower gastrointestinal tract
- 2. Polyp removal (polypectomy)
- 3. Removal of foreign body
- 4. Placement of colonic metallic stent
- 5. Decompression for volvulus

### The attentions before

colonoscopy:

- 1. Please read the consent form and providing clear description of complications of colonoscopy before the examination.
- 2. For the colonoscopy to be thorough and safe, your bowel must be completely empty; so to prepare for the procedure, you may have to

follow a fat-free liquid diet for two days beforehand to result in a minimal colonic fecal residue.

- 3. At 9 pm the night before the procedure, you will take laxative (such as Bowklean Powder or klean powders) and drink plenty of water. Do not eat any food that typically gives you problems with hardening of the stool after midnight.
- 4. At morning of examination day, you should take laxative again and clear liquids including rice soup, fat-free broth or bouillon, coffee without creamer, tea, fruit juice without pulp, and sweet water to make both the preparation and procedure easier.
- 5. If you choose sedation for colonoscopy, do not eat any food or water after midnight to make the sedation smooth.

#### The colonoscopy procedure

- 1. The colonoscope is a long, soft, and bendable tube. The flexible endoscope will be lubricated and placed inside. You will feel a little pressure when this happens. The endoscope is then carefully moved up through your rectum and colon. A colonoscopy is a procedure that allows your physician to look inside your entire large intestine, from the lowest part, the rectum, all the way up through the colon to the lower end of the small intestine. This instrument acts as a camera, and allows your doctor to view the inside of your digestive system to find abnormality of lumen, polyp removal and biopsy of abnormality.
- 2. To see this area better, your colon may be gently filled with a small quantity of air or water through the endoscope. This might cause you to feel abdominal pain, full or bloated. The intensity of discomfort or pain differs individually.
- 3. The length of procedure will usually take 15 to 30 minutes, depending on what is found and if any additional procedures are performed.

#### Care instruction after colonscopy

- 1. The main length of recovery from sedative or anesthesia status usually take 30 to 60 minutes, and after the symptoms such as dizziness and vomiting are gone, you can start to eat light meals and low–residue foods.
- 2. You may experience drowsiness and weakness because of the sedative you received during the procedure. Watch out for your safety while changing your posture.
- 3. You may have a bloated, gaseous feeling in your abdomen after a colonoscopy from air pumped into your colon. Passing gas will help

relieve the bloating.

- 4. Examine your stool color to see if your stool is bright red or black and also pay close attention to acute and severe abdominal pain.
- 5. If polyps were removed during your colonoscopy, you will need to refrain from any strenuous activity within a week, particularly the ones with involvement of your abdominal muscles, such as playing sports, swimming, heavy lifting, and so on. In addition, avoid foods that can trigger diarrhea, for example raw seafood. Besides, watch out for symptoms like severe abdominal pain, fever, chill, or bloody stool.

You must call emergent department if massive blood or blood clots pass per rectum or worsening abdominal pain after procedure.

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