



SNS COLLEGE OF NURSING

saravanampatti(po),coimbatore-35

Affiliated to The Tamilnadu DR.MGR MEDICAL UNIVERSITY,Chennai

DEPARTMENT OF NURSING

COURSE – 1 ST YEAR B.SC(N)

Subject-Nursing Foundation

UNIT: X- MEETING NEEDS OF PATIENT

TOPIC 7: Bowel wash/Insertion of Flatus tube



BOWEL WASH





DEFINITION



- Washing out of colon with large quantities of solution, to clear colon of feces.



PURPOSES



- To prepare colon for specific surgical or diagnostic procedures
- To dilute and remove toxic agents that may be present in large intestine
- To reduce temperature in hyperpyrexia and heat stroke
- To supply fluid and electrolytes that are absorbed from intestine



PURPOSES



- ❖ To stimulate peristalsis
- ❖ To relieve inflammation
- ❖ To keep the individual clean in case of fecal incontinence



CONTRAINDICATION



- ✓ Bleeding hemorrhoids
- ✓ Chronic diarrhoea
- ✓ Rectal surgeries, infection
- ✓ Debilitation
- ✓ Intestinal obstruction
- ✓ Rectal polyps
- ✓ Loose anal sphincter
- ✓ Massive colon carcinoma
- ✓ Anal fistula
- ✓ Intestinal diverticulum
- ✓ Painful skin lesions around anus



SOLUTIONS USED



- Plain water
- Cold water
- NS, NaCo₃ 1-2%
- Antiseptic solution, silver nitrate 1:5000
- KMNO₄ 1:5000
- Thymol 1:100
- Alum 1:100
- Boric solution 1-2%
- Tannic acid 1:00
- Amount of solution used 2-3 liters or till the return flow is clear.



TEMPERATURE



Temperature for solution

- For cleansing purpose 104 F
- For reducing temperature 80-90 F



ARTICLES



- Colonic lavage set with tubing & glass
- Rectal tube
Adult :22-30 Fr
Children :12-18 Fr
- Vaseline, Rag pieces
- Jugs with hot & cold water
- Kidney tray
- Bucket, mackintosh
- Solutions
- Bedpan with lid
- Duster /towel
- Perineal toilet tray
- Gloves, aperon



PROCEDURE



- Check the patients chart for physician's order and any specific instructions
- Explain to the patient about procedure and how he has to co-operate
- Wash hands and don gloves
- Prepare solution at required temperature



PROCEDURE



- Attach the tubing and the rectal tube with funnel.
Pour the solution in it and check for leakage .
- Lubricate the tip of rectal tube with the funnel
- Fill the funnel with the solution and expel the air from the tubing by allowing a small amount of fluid into the kidney tray. Pinch tube or close it with clamp



PROCEDURE



- Maintain the patient left lateral position & bring close to the edge of bed. Separate the patient's buttock's to visualize the anus clearly and insert the tip of tube about 4 inches while the patient exhales a deep breath.
- Lower the funnel below the level of rectum



PROCEDURE



- ❖ Raise the funnel and allow the fluid to run in, continue to pour more fluid into funnel before the funnel is empty.
- ❖ When 200-300 ml of fluid has gone inside, pinch the tube before the funnel is completely empty and invert it into the bucket and siphon off the fluid



PROCEDURE



- When return flow ceases, turn the funnel upright & pour more solution, lower the funnel until air from the tube has been expelled . Then raise the funnel & repeat the procedure.
- Temporarily stop the procedure if the patient develops any discomfort



PROCEDURE



- Continue the procedure until all the fluid ordered has been given or until the return flow is clear.
 - Gently remove the rectal tube by pulling it through 3-4 layers of rag pieces /tissue papers
 - Discard the tissue papers in the paper bag.
- Place the funnel with tubing in the kidney tray.
- Assist patient to the toilet, commode or bed pan



PROCEDURE



- Bring the toilet tray & assist for perineal care
- Change the bed linen if soiled, give comfortable position
- Take articles to utility room disinfect funnel, tubing, catheter & bucket. Clean, dry & replace.
- Remove gloves & wash hands and Record the type of procedure & the result with date & time in nurses record .



INSERTION OF FLATUS TUBE



FLATUS TUBE/RECTAL TUBE





PROCEDURE



- A rectal tube is inserted into the rectum relieves the flatulence and gaseous distension of the abdomen
- Prepare the client as for enema
- Place the client in comfortable position
- Lubricate the flatus tube and insert about 4-6 inches into the anal canal while the free end is kept under the water in the kidney tray



PROCEDURE



- ✓ Watch the expulsion of the gas which is seen bubbling through the water
- ✓ The tube is left in place for not more than 20mts longer periods leads to permanent sphincter damage.
- ✓ Tube can be re inserted every 3-4 hours



ASSESSMENT



1. What is the temperature used for cleansing purpose?

a) 104 b) 108 c) 98

2. For how many inches lubricate the flatus tube?

a) 2-3 inch b) 4-6 inch c) 6-7 inch



REFERENCES



- Stephanie's principles and practice of nursing 5th edition n.r. publishing house. Pidgin English Edition | by **Sr nancy** | 1 January 2020.
- **Potter A.P., Perry A.G.** Fundamentals of Nursing, C.V. Mosby company, Louis 6th edition. 2005.