

Adult/Geriatric Critical Thinking Worksheet

Student Name: Ashlee Guzman

Unit: South 9

Pt. Initials: P.P

Date: 3/7/2021

1. Disease Process & Brief Pathophysiology

Urinary tract infection are caused by pathogenic microorganisms in the urinary tract. The urinary tract above the urethra is normally sterile. The majority if UTI's are caused by a bacteria called Escherichia Coli normally found in the digestive system. The organisms that usually cause UTI's originate in the perineum and are introduced via the ascending route from the urethra. UTI's can result from hematogenous transmission, in which blood-borne bacteria invade the kidneys, bladder, or ureter.

2. Factors for the Development of the Disease/Acute Illness

- Improper toileting (P)
- Indwelling catheter (P)
- Chronically alkaline urine
- Urinary retention
- Pregnancy
- Kidney infection(P)
- Previous surgery of the GI tract
- Stool incontinence(P)

3. Signs and Symptoms

- fever, chills
- frequency urinating (P)
- burning sensation
- Cloudy/bloody urine (P)
- Foul smelling odor(P)
- Hematuria(P)
- Pain or pressure in back or lower abdomen
- Dysuria
- Urge to urinate

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4. Diagnostic Tests pertinent or confirming of diagnosis

- Dip Stick Urinalysis(P)
- CT scan
- MRI
- Ultrasonography
- Cystoscopy

5. Lab Values that may be affected

- WBC(P)
- Bacteria in the urine(P)
- STI, RBC(P)
- Nitrates, Leukocyte esterase
- Urine culture & sensitivity (P)

6. Current Treatment

- Antibiotic treatment
- Drinking lots of water(P)
- Drinking cranberry juice(P)
- Phenazopyridine (bladder anaglesic)
- Avoid the use of indwelling catheter

7. Focused Nursing Diagnosis:

Hematuria

8. Related to (r/t):

- Bacteriuria

11. Nursing Interventions related to the Nursing Diagnosis in #7:

- 1 .Record patients intake & output every 2 hours.

Evidenced Based Practice:

To check for urine frequency & check the amount/color of urine as well.

2. Give my patient increased fluids.

12. Patient Teaching:

1. Teach the patient not to avoid the need to void which can result in stasis of urine.
2. Teach patient how to obtain a clean catch urine specimen.
3. Teach patient to wipe front to back to avoid Urinary tract infections.

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9. As evidenced by (aeb):

-Blood in the urine, frequency of urination, foul smelling odor of urine, and patient was fatigued as well.

10. Desired patient outcome:

My patient will no longer have hematuria/bacteria in the urine. Patient will have relief from bothersome symptoms, a normal WBC count, and demonstrate voiding frequency no more than every 2 hours. This will be accomplished so that our patient will no longer have an infection in their urine. This is achievable since we are preventing UTI from happening once again by keeping her perineal area clean and her voiding every two hours. The benefit of accomplishing our goal is to keep our patient from getting a urinary tract infection. This goal is to be accomplished by March 8th, 2021 @ 2 p.m.

Evidenced Based Practice:

This helps to dilute urine allowing bacteria to be flushed from the urinary tract.

3. Promote comfort to my patient at all times by asking her pain level and providing a heating pad.

Evidenced Based Practice:

Pain can stimulate a stress response and delay healing. It should be relieved when possible.

13. Discharge Planning/Community Resources:

1. Avoid bathing in bubble baths and perfumes.
2. To urinate before and after intercourse.
3. Encourage family participation in care.

CITATATION SOURCES:

Martin, P., By, -, Martin, P., & Paul Martin is a registered nurse with a bachelor of science in nursing since 2007. Having worked as a medical-surgical nurse for five years. (2019, April 11). 6 urinary tract Infection nursing care plans. Retrieved March 05, 2021, from <https://nurseslabs.com/urinary-tract-infection-nursing-care-plans/2/>

Ackley, B. J., Ladwig, G. B., Flynn, M. M., Martinez-Kratz, M. R., & Zanotti, M. (2020). Nursing diagnosis handbook: An evidence-based guide to planning care. St. Louis, MO: Elsevier.

Harding, M., Kwong, J., Hagler, D., Roberts, D., & Reinisch, C. (2020). Lewis's medical-surgical nursing:

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Assessment and management of clinical problems.
St. Louis, MO: Elsevier.