

Alliance University SON- Concept Map

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Submission date- 2/24/23

Nursing Dx

Risk for Ineffective tissue perfusion: cerebral related to shunting of blood from cerebral tissue

Expected Outcome

Pt will remain free of headaches and nausea over the next 7 days

Interventions

1. Monitor BP and pulse every 15 to 30 minutes
2. Obtain CVP and/ or PA pressure if available every hour if indicated.
3. Administer medications as ordered – acetaminophen for pain; Levetiracetam for seizures
4. Monitor, analyze ICP and calculate CP per hour

Evaluation

The goal was met and pt remained free of headaches and nausea over 7 days

Nursing Dx

Risk for ineffective airway clearance AEB dyspnea an ineffective cough

Expected Outcome

Pt will maintain a clear, open airway AEB normal breath sounds by the end of the 12 hr shift

Interventions

1. Encourage increasing fluid intake
2. Reposition the client regularly.
3. Suction the airway as needed
4. Provide warm, humidified air.
5. Reassess the pt by auscultating breath sounds at least every 4 hours for abnormal breath sounds, secretions, SPO₂

Evaluation

Goal met, pt maintained an open airway throughout the 12 hr shift.

Past Medical History

HIE unspecified, cerebral palsy, contractures involving both knees, developmental delay, MRSA, optic atrophy, seizure, spasticity, acute tracheitis, catatonia, dental caries

Medical Diagnosis & Assessment

Arteriovenous Malformation
Tracheostomy status, Gastrostomy status
CBC all w/in normal values

BT 98.1; PR80; RR16; BP 110/70;
SPO₂ 98; A&Ox4, CTA, RRR, normal
S1,S2, NO JVD, no cyanosis, no edema,
cap refill <2, +BS in all quadrants, last
bowel 2/13, contracture on both hands,
developmental delays for 19/m; limited
mobility, ROM, Pt voided 180mL in
bedpan, clear, yellow

Medications

Acetaminophen – headaches r/t AVM
Albuterol sulfate - airway
Baclofen – cerebral palsy
Enoxaparin Sodium - AVM
Erythromycin - MRSA
Fluticasone propionate - airway
Levetiracetam – for seizures r/t cerebral palsy

Nursing Dx

Impaired verbal communication r/t tracheostomy AEB difficulty speaking, frustration

Expected Outcome

Pt will use a form of communication to get needs met and to relate effectively with persons over the next 7 days.

Interventions

1. Provide pt with alternative methods for communicating such as picture boards, writing pad
2. If the pt is able to nod or speak “yes” or “no,” ask appropriate questions for these responses
3. Provide a call light w/in easy reach
4. Educate family/friends of pt’s communication preferences and new learnings
5. Assess for pt’s preferred method of communication

Evaluation

Goal met: pt effectively communicating over 7 days

Nursing Dx

Risk for infection due to skin breakdown and irritation

Expected Outcome

Pt will remain free of infection, AEB normal temperature, absence of purulent drainage, and clear breath sounds over 7 days

Interventions

1. Encourage proper handwashing or alcohol-based hand sanitizers.
2. Utilize PPE when handling a client with a tracheostomy tube.
3. Provide sterile stoma care.
4. If signs of infection are present, administer medication as prescribed.

Evaluation

Pt remained free of infection over 7 days.