

03/13/2019 PEW

Nursing Diagnosis

Ineffective cerebral tissue perfusion R/T interruption of right carotid artery blood flow.

AEB:

- Syncope 3/11/2019
- BP 154/76
- History of hyperlipidemia
- 80% block of right carotid artery

Patient Outcomes

Increased arterial circulation to the cerebral tissue.

AEB:

- No syncopal episodes
- BP 130/70- 140/80
- Heart healthy diet
- Carotid endarterectomy

By discharge

Related Interventions

1. Neuro assessment (speech, awareness, motor function, balance and sensation) Q2hr (8,10, 12) and PRN
Rationale: Clinical symptoms of decreased cerebral perfusion.
2. Assess VS (BP, SPO2, HR, RR and temp.) Q2hr (8, 10, 12) and PRN
Rationale: Chronic/severe HNT can provoke cerebrovascular spasms and stroke. Low BP can cause inadequate perfusion to the brain. Hypoxia related to reduced tissue perfusion.
3. Elevate HOB 30 degrees Q2hr and PRN
Rationale: promotes optimal cerebral tissue perfusion.
4. Fluid balance Q6hr for 40min
Rationale: Maximize cardiac output and prevent decreased cerebral perfusion.
5. Administer IV push Hydralazine 10mg Q4hr PRN for HNT
Rationale: Increase cardiac output and adequate arterial blood pressure.
6. Review labs: ABG PRN
Rationale: Monitor hypoxia related to reduced tissue perfusion.

- 7. Review labs: BMP Daily and PRN**
Rationale: Identify conditions contributing to decreased tissue perfusion. Monitor BUN and CREA levels to assess cardiac output and kidney function for flushing out dye during diagnostic procedures.
- 8. Review labs: Lipids One time and PRN**
Rationale: Monitor total Cholesterol, Triglycerides, LDL, HDL contributing to decreased tissue perfusion.
- 9. Review labs: PT/PTT one time and PRN**
Rationale: Identify disorders that increase risk of clotting or bleeding.
- 10. Review carotid Doppler one time**
Rationale: To determine location and severity of disorder that can exacerbate cerebral perfusion issues.
- 11. Review digital subtraction angiography (DSA) one time**
Rationale: To determine location and severity of disorder that can exacerbate cerebral perfusion issues.
- 12. Administer Atorvastatin Calcium 20mg PO daily (0900)**
Rationale: Lowers total cholesterol, LDL and triglycerides and slightly increase HDL.
- 13. Verify proper use of antihypertensive and statin medication one time and PRN**
Rationale: may stop taking medication due to lack of symptoms and can lead to undesired outcomes. i.e. stroke
- 14. Education of surgical procedure: Right carotid endarterectomy. One time and PRN**
Rationale: Procedure is used to improve cerebral perfusion.
- 15. Education of physical activity and diet. One time and PRN**
Rationale: To help patient make informed choices and commit to appropriate lifestyle changes.
- 16. Education of unmodifiable risk factors such as family history. One time and PRN**
Rationale: Encourage patient to address what can be changed to improve general well-being and reduce individual risk.
- 17. Education on disease management during daily activities of daily living. One time and PRN**
Rationale: Promote independence.
- 18. Education of routine follow up visits with PCP and laboratory monitoring. One time and PRN**
Rationale: For effective disease management and changes in therapeutic regimen.

(Doenges, Moorhouse, Murr 2016), (Vallerand, Sanoski, Deglin 2017), (Van Leeuwen, Bladh 2017).

Evaluation

3/13/2019

Partially met:

AEB

- No syncopal episodes
- BP 144/80
- Met with dietitian about heart healthy diet
- Pt to meet with Vascular surgeon to schedule carotid endarterectomy after discharge

Continue Plan of Care P. Warren, SN FRMC

Doenges, M. E., Moorhouse, M. F., & Murr, A. C. (2016). *Nurses' pocket guide: Diagnoses, prioritized interventions, and rationales* (14th ed). F. A. Davis Company: Skyscape Medpresso, Inc.

Vallerand, A. H., Sanoski, C. A., & Deglin, J. H. (2017). *Davis's drug guide for nurses* (15thed). F. A. Davis Company: Skyscape Medpresso, Inc.

Van Leeuwen, A. M. & Bladh, M. L. (2017). *Davis's comprehensive handbook of laboratory and diagnostic tests with nursing implications* (7th ed). F. A. Davis Company: Skyscape Medpresso, Inc.