

Blood Transfusion Education

WebQuest Description: Welcome to your Plan of Care WebQuest for NURS 346. In this assignment you will meet your patient John Cummings, a 42 year old male patient who has been in an automobile accident. He has a past medical history of type II diabetes. He has sustained multiple internal injuries in a motor vehicle accident and had surgery to repair a lacerated liver. You will review the information pertaining to his care.

You will create plan of care and prioritize interventions for your patient. You will create an educational tool for the patient and family members describing the risks and benefits of a blood transfusion. Finally, you will create a dialogue to explain the plan of care patient including risks and benefits of a blood transfusion. You can use any medium you prefer (written, audio, visual) and you can collaborate with your classmates. You may be as simple or creative as you would like. If you are collaborating with classmate(s) you will need to upload an individual submission and a reference page.

Grade Level: College / Adult

Curriculum: Health / PE

Keywords: Blood Transfusion, Patient Education, Professional Communication

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Introduction

John Cummings is a 32 year old male patient admitted yesterday to surgical floor after sustaining multiple internal injuries in a motor vehicle accident. Surgery was required to repair a severely lacerated liver. Systolic BP remained <80 for several hours before and during surgery. A central line was placed. He is now receiving NS @ 125ml/hr and has a foley catheter to measure his urine output. He is on aerosolized face mask at 60% and EKG monitor reveals sinus tachycardia. Pulse oximetry and sequential compression boots are in use. He is pale and a little anxious stating "my belly is killing me". VS 101.2po, 100/60 HR 120 RR is 28 bpm, 94% Lungs: Without retractions or use of accessory muscles, with fine crackles in both bases. Cardiac: Thready but regular rate, sinus tachycardia on monitor rate 120 bpm. Abdomen: Tender to palpation with bulky gauze dressing over midline abdominal incision extending from epigastrium to below the umbilicus. Dressing is currently clean and dry. 2 JP drains are present and serosanguinous drainage is present in bulbs GU: Foley catheter intact draining concentrated amber colored urine averaging 25ml/hr

Tasks

You are the nurse caring for John Cummings on his first day post operatively after a surgical liver repair for a liver laceration sustained in a motor vehicle accident yesterday. First you will receive report on your patient.Second you will review the resources (readings, videos and web site links) to gather information about blood transfusion protocols, risks and benefits.You will create a prioritized interventions list. Interventions should include rationales and a plan for follow up assessments of the interventions' effectiveness. Next you will develop a patient and family teaching tool about the risks and benefits of blood transfusion to give to the patient and family. Finally, if you choose, you can create a dialogue for the patient and family update. In this dialogue, you will describe the blood transfusion teaching tool, and plan of care for Mr Cummings. PLEASE NOTE THIS STEP IS OPTIONAL

Process

Here is where you will explore information about the risks, benefits and protocols associated with a blood transfusion. You should use the information provided and can also explore other websites or informational sources, such as your text book (just make sure they are reputable sources). Then with this information you will create an educational handout and a dialogue for a family meeting describing the risks and benefits of a blood transfusion. You can be as creative as you would like, and use any format you prefer (audio, video, written, etc..) Once the educational handout is completed you can upload the final product and a reference page to the Moodle website. If you have any questions you can refer to the Tegrity recording describing this assignment or email your question to me at kelly.marchant@simmons.edu

Evaluation

Category and Score	5	3	1	0	Score
Creates Prioritized Intervention List including rationales and follow up evaluation	Thorough list of at least three prioritized interventions, with rationales and follow up evaluation	Fewer than three interventions, with prioritization with rationales and follow up evaluation	Fewer than three prioritized interventions, lacks rationales or follow up evaluation	Intervention list is not provided	
Create Handout describing benefits & risks of blood transfusion	Easily understood handout thoroughly describing risks and benefits of blood transfusion	Handout incompletely describes risks and benefits of blood transfusion or is not easily understood	Handout incompletely describes risks and benefits of blood transfusion and is not easily understood	Handout not provided	
Develops Dialogue for patient and family discussion OPTIONAL	Provides thorough and complete dialogue for family discussion	Provides mostly complete dialogue for family discussion	Provides incomplete dialogue for family discussion	Does not provide dialogue for family discussion	
Provides References	Includes all references, and includes complete and consistent use of APA format	Includes all references, use of APA format is mostly complete	Incomplete list of references with incomplete use of APA format	Does not provide reference page	
				Total Score	