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| Learning Objectives | Learning Activities | John Larsen Case | Tina Jones Case | Doris Turner Case | Edward Carter Case | Med Math Activities | MOA Concept Labs |
|---|---|---|---|--|--|--|--|
| Demonstrate understanding of concepts related to pharmacotherapeutic nursing practice for clients across the lifespan. | <ul style="list-style-type: none"> Assess medication orders for appropriateness of medications, interactions and any contraindications Review related pharmacological concepts following simulation activity Review the relationship between pharmacologic agents and pathological responses through mechanism of action Concept Labs |  <ul style="list-style-type: none"> Total knee arthroplasty History of HTN and hyperlipidemia Administration of oral medications |  <ul style="list-style-type: none"> Infected foot wound and acute pain History of diabetes mellitus type II and asthma Administration of oral and IV medications |  <ul style="list-style-type: none"> Community-acquired pneumonia History of hypothyroidism, diabetes mellitus type II, arthritis, HTN, atrial fibrillation, overactive bladder syndrome, depression, gout, and chronic kidney disease Administration of oral, subcutaneous, and IV medications |  <ul style="list-style-type: none"> Kidney stones History of HTN, atrial fibrillation, and chronic kidney disease Administration of oral medications |  <ul style="list-style-type: none"> Basic Intermediate Complex |  <ul style="list-style-type: none"> Anti-asthmatics Antihypertensives Antidiabetics Analgesics Anti-infectives |
| Discriminate information from evidence-based medication resources to guide practice and understand implementation of drug therapy. | <ul style="list-style-type: none"> Assess medication orders for appropriateness of medications, interactions and any contraindications Utilize evidence based pharmacologic resources to guide understanding of medication implementation and patient teaching. Provide patient education to communicate indications of medications, and signs/symptoms of potential serious adverse reactions Evaluate patient for expected outcomes and any adverse effects from the medications administered |  <ul style="list-style-type: none"> Identify inconsistent medications and/or medication errors in the MAR Educate regarding medications to be administered Evaluate for effectiveness of administered medications |  <ul style="list-style-type: none"> Identify inconsistent medications and/or medication errors in the MAR Educate regarding medications to be administered Evaluate for effectiveness of administered medications |  <ul style="list-style-type: none"> Identify inconsistent medications and/or medication errors in the MAR Educate regarding medications to be administered Evaluate for effectiveness of administered medications |  <ul style="list-style-type: none"> Identify inconsistent medications and/or medication errors in the MAR | | |
| Utilize the nursing process in planning the care of patients/clients receiving various pharmacologic agents to promote, maintain or restore health. | <ul style="list-style-type: none"> Develop a mental model for safe medication administration Interview patient to determine current situation and appropriateness of current and as needed (prn) medications Perform a focused physical examination to determine if medication intervention is appropriate Conduct a pharmacologic assessment of home medications to determine medication adherence Document assessment findings in the EHR using appropriate medical terminology Document medication administration in EHR appropriately Evaluate patient for expected outcomes and any adverse effects from the medications administered |  <ul style="list-style-type: none"> Develop a mental model planning medication administration Interview for subjective data collection Document in Nursing Notes Document administration of medication |  <ul style="list-style-type: none"> Develop a mental model planning medication administration Interview for subjective data collection Document in Nursing Notes Document administration of medication |  <ul style="list-style-type: none"> Develop a mental model planning medication administration Interview for subjective data collection Document in Nursing Notes Document administration of medication |  <ul style="list-style-type: none"> Interview for subjective data collection Perform focused physical examination Assess home medications Document in EHR | | |

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| Recognize therapeutic effectiveness, common life-threatening effects and adverse reactions of various pharmacologic agents. | <ul style="list-style-type: none"> Utilize evidence based pharmacologic resources to guide understanding of medication implementation and patient teaching. Provide patient education to communicate indications of medications, and signs/symptoms of potential serious adverse reactions Evaluate patient for expected outcomes and any adverse effects from the medications administered |  <ul style="list-style-type: none"> Educate regarding medications to be administered Evaluate for effectiveness of administered medications |  <ul style="list-style-type: none"> Educate regarding medications to be administered Evaluate for effectiveness of administered medications |  <ul style="list-style-type: none"> Educate regarding medications to be administered Evaluate for effectiveness of administered medications Identify allergic reaction | | | |
| Demonstrate the principles of safe medication administration. | <ul style="list-style-type: none"> Assess medication orders for appropriateness of medications, interactions and any contraindications Assess for medication safety Utilize evidence based pharmacologic resources to guide understanding of medication implementation and patient teaching. Retrieve medications checking for any safety concerns Perform final check of medications at the bedside for safety of administration Provide patient education to communicate indications of medications, and signs/symptoms of potential serious adverse reactions Document medication administration in EHR appropriately Evaluate patient for expected outcomes and any adverse effects from the medications administered |  <ul style="list-style-type: none"> Identify contraindicated medications Retrieve and administer medications |  <ul style="list-style-type: none"> Identify contraindicated medications Retrieve and administer medications |  <ul style="list-style-type: none"> Identify contraindicated medications Retrieve and administer medications | | | |
| Utilize communication principles in the development of patient/client education related to pharmacotherapeutics to promote adherence and safety | <ul style="list-style-type: none"> Provide patient education to communicate indications of medications, and signs/symptoms of potential serious adverse reactions Use empathetic, non-judgmental communication to establish rapport |  Educate on potential serious adverse reactions |  Educate on potential serious adverse reactions |  Educate on potential serious adverse reactions | | | |
| Demonstrate accurate calculation of medication dosages. | <ul style="list-style-type: none"> Calculate drug dosages accurately |  Medication calculation |  Medication calculation |  Medication calculation | |  Medication calculation | |
| Utilize therapeutic communication skills in interaction with patients, colleagues and members of the health care team. | <ul style="list-style-type: none"> Communicate to healthcare team using SBAR report | | | |  Complete SBAR report | | |
| Demonstrate ability to thoughtfully reflect on experiences to gain insight on your patient interactions and identify areas for improvement. | <ul style="list-style-type: none"> Complete reflective practice questions regarding the learning activities and lessons learned in the simulation |  Self reflection questions |  Self reflection questions |  Self reflection questions |  Self reflection questions | | |