

Polypharmacy Project

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N322 Introduction to Pharmacology

Lakeview College of Nursing

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Polypharmacy Case 4

Background: Gary is a 70-year-old male admitted to the long-term care facility post stroke. He is alert with confusion and has extensive weakness to his right side, as well as profound oropharyngeal dysphagia. Nurses will be administering his medications for him at this time. He is currently oxygen dependent post stroke, prior to this hospitalization he was not using oxygen. You are the nurse completing Gary's admission head to toe assessment and medication reconciliation. Gary smokes one pack a day of cigarettes, does not drink alcohol, and has a history of smoking marijuana.

Insurance: Gary does not have any form of insurance.

Allergies: No known allergies

Diet: Pureed diet. Nectar thick liquids.

Medical diagnosis: dysphagia following stroke, hypertension, anemia, and asthma

Current medications include the following:

Lovenox 40 mg SC daily

Ferrous Sulfate ER 160 mg by mouth daily

POLYPHARMACY

Spironolactone 50 mg by mouth twice daily

Losartan 50 mg by mouth once daily

Bisacodyl 10 mg rectally PRN daily

Naproxen sodium 220mg every 12 hours by mouth as needed

Multivitamin with minerals by mouth one daily

Colace 200 mg capsule by mouth twice a day

Benadryl 25 mg by mouth at HS PRN

Citalopram 20 mg by mouth daily

Drug #1	Drug Name (Generic): enoxaparin sodium Drug Name (Trade): Lovenox Drug Class: Low-molecular-weight heparin, Anticoagulant
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How is the medication taken: (include dose, route, and frequency)	40 mg subcutaneous injection daily
Specific Directions not included above:	N/A
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	No serious interactions. Enoxaparin and losartan combined increases the risk of high potassium levels, so the patient should be monitored for hyperkalemia (Jones & Bartlett Learning, 2021). Taking enoxaparin and naproxen (a NSAID) increases the risk of bleeding/bruising (Jones & Bartlett Learning, 2021).
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Nicotine can inhibit enoxaparin’s anticoagulation abilities. Smoking has prothrombotic effects.
Does any of the client’s past medical history contradict the use of this medication?	The patient’s creatinine clearance needs to be determined. Dosage may need to be adjusted if the patient’s renal function is impaired. The patient is 70 years-old and renal function declines with age.
What is the indication for use of this medication based on the client’s past medical history? (If unable to determine an indication based on past medical	Gary has had a stroke, and enoxaparin sodium is used to prevent deep vein thrombosis and other thromboembolic complications during this period of illness and restricted mobility.

history, please list potential indications for use of the medication in general)	
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Inform the patient about increased risk of bleeding, and educate the patient on signs of bleeding (including increased bruising). 2. Taking aspirin or other NSAIDs may increase the patient's risk for bleeding.
How much would medication cost per month if paying out of pocket?	\$133 for 24 syringes (40 mg/0.4mL)

Drug #2	Drug Name (Generic): Ferrous sulfate, extended release Drug Name (Trade): Slow-Fe Drug Class: Hematinic, Antianemic/nutritional supplement
How is the medication taken: (include dose, route, and frequency)	160 mg by mouth daily
Specific Directions not included above:	Iron tablets must be given with a full glass of water or juice.
Does this medication interact with any other	Iron absorption can be impaired by calcium supplements, and the patient takes a

medication(s) on this list? (see rubric for further instruction)	multivitamin. The multivitamin must be taken at least one hour before <i>or</i> two hours after the iron supplement.
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	None
Does any of the client's past medical history contradict the use of this medication?	No
What is the indication for use of this medication based on the client's past medical history? (If unable to determine an indication based on past medical history, please list potential indications for use of the medication in general)	The patient is anemic. Iron deficiency anemia may be corrected by treating the underlying nutritional deficiency. Ferrous sulfate prevents iron deficiency.
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Unabsorbed iron turns stool black or green and can mask blood in stool. Fecal occult blood tests may need to be done, especially because the patient is on Lovenox. Iron can also cause false test results for fecal occult blood tests, so it is important that lab personnel and provider know Gary is taking this medication.

	2. Instruct the patient not to chew or crush the extended release tablet.
How much would medication cost per month if paying out of pocket?	\$7.50
Drug #3	Drug Name (Generic): spironolactone Drug Name (Trade): Aldactone Drug Class: Potassium-sparing diuretic, Diuretic
How is the medication taken: (include dose, route, and frequency)	50 mg by mouth twice daily
Specific Directions not included above:	N/A
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	No serious interactions. Spironolactone and naproxen both increase potassium levels in the blood, so the patient should be monitored for hyperkalemia.
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	This medication may cause dizziness or drowsiness, and the patient's cannabis use may increase this symptom. Alcohol can also increase dizziness or drowsiness, but the patient

	does not report any alcohol use.
Does any of the client's past medical history contradict the use of this medication?	Gary is seventy years-old. The Beers Criteria identifies potentially inappropriate medications for older adults (Frandsen & Pennington, 2020). Beers Criteria advises against spironolactone >25 mg/day for older adult patients. The patient's creatinine clearance needs to be determined.
What is the indication for use of this medication based on the client's past medical history? (If unable to determine an indication based on past medical history, please list potential indications for use of the medication in general)	Spironolactone is used to treat hypertension.
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Instruct the patient to take spironolactone with meals or milk. 2. Caution the patient not to drive or perform hazardous activities until the adverse effects of the drug are known. For example, spironolactone can cause altered fluid balance and cause dizziness.

How much would medication cost per month if paying out of pocket?	\$11.25
Drug #4	Drug Name (Generic): losartan Drug Name (Trade): Cozaar Drug Class: Angiotensin II receptor blocker (ARB), Antihypertensive
How is the medication taken: (include dose, route, and frequency)	50 mg by mouth once daily
Specific Directions not included above:	N/A
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	No serious interactions. The combination of losartan and naproxen may reduce kidney function in older adults, such as the patient in this scenario. Losartan can decrease the therapeutic effects of naproxen and limit the blood pressure-reducing effect. Losartan can interact with naproxen and spironolactone and increase potassium levels in the blood, so the patient needs to be monitored for hyperkalemia.
Lifestyle interactions:	Patient reports that he does not drink, but it is important that he knows he should not drink excessive amounts while taking this medication because alcohol can increase

(Daily tobacco use, alcohol, drugs, etc.)	effects. Cannabis use can also increase dizziness.
Does any of the client's past medical history contradict the use of this medication?	No
What is the indication for use of this medication based on the client's past medical history? (If unable to determine an indication based on past medical history, please list potential indications for use of the medication in general)	Losartan is used to manage hypertension.
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Instruct the patient to avoid potassium-containing salt substitutes because they may increase the risk of hyperkalemia. 2. Instruct the patient to notify their provider if he develops muscle pain. Rhabdomyolysis can develop in patients taking angiotensin II receptor blockers.
How much would medication cost per month if paying out of pocket?	\$ 10.79
Drug # 5	Drug Name (Generic):Bisacodyl

	Drug Name (Trade): Dulcolax Drug Class: Laxative
How is the medication taken: (include dose, route, and frequency)	10 mg, rectally, PRN daily
Specific Directions not included above:	N/A
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	Spirolactone and Bisacodyl can in the long term cause dehydration and electrolyte imbalance. Citalopram can cause irregular heart rhythm which can increase in severity if potassium or magnesium blood levels are low. These blood levels can become low if there is over use of bisacodyl (<i>Bisacodyl suppositories</i> 2021).
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Tobacco use does not affect the patient's use of this medication.
Does any of the client's past medical history contradict the use of this medication?	No

<p>What is the indication for use of this medication based on the client's past medical history? (If unable to determine an indication based on past medical history, please list potential indications for use of the medication in general)</p>	<p>It is not indicated exactly why this patient is using this medication, but he does seem to have some mobility issues that could lead to constipation. The patient is also in a long term care facility and has some confusion, meaning he may not be able to get up and around like he needs to, to keep normal bowel activity.</p>
<p>What would you teach the client about taking this medication? You must prioritize 2 (see rubric)</p>	<ol style="list-style-type: none"> 1. Do not overuse this medication as overuse can cause constipation. 2. They should speak with the provider as to why they are taking two laxatives.
<p>How much would medication cost per month if paying out of pocket?</p>	<p>\$5.35</p>
<p>Drug # 6</p>	<p>Drug Name (Generic): Naproxen Sodium</p> <p>Drug Name (Trade): Aleve</p> <p>Drug Class: NSAID</p>

How is the medication taken: (include dose, route, and frequency)	220mg every 12 hours by mouth as needed
Specific Directions not included above:	N/A
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	<p>Spirolactone: can adversely affect renal function because of dehydration from he diuretic and the NSAIDs effect on kidney perfusion.</p> <p>Losartan: Naproxen can reduce the antihypertensive effects of losartan and well as impaired kidney function when used chronically.</p> <p>Lovonox: can cause increased bleeding complications (<i>Drug interaction report</i>).</p>
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Smoking while taking Naproxen can increase the risk for stomach ulcers.
Does any of the client's past medical history contradict the use of this medication?	<p>Patient had a stroke, asthma, and anemia.</p> <p>Asthma is contraindicated for naproxen. Naproxen increases the risk for stroke so needs to be monitored in patients with a history of stroke. Naproxen can worsen anemia.</p> <p>Patient does suffer with dysphagia, so swallowing the naproxen can be an issue.</p>

<p>What is the indication for use of this medication based on the client's past medical history? (If unable to determine an indication based on past medical history, please list potential indications for use of the medication in general)</p>	<p>There is no direct reason that the patient takes naproxen, but it is typically used to treat acute pain and decrease the inflammatory response. The patient may have some generalized pain with his age.</p>
<p>What would you teach the client about taking this medication? You must prioritize 2 (see rubric)</p>	<ol style="list-style-type: none"> 1. Tell the patient to not exceed the dose prescribed as it may increase the risk of a cardiovascular accident and stroke. 2. Educate patient about remaining sitting up for 15-30 minutes to avoid the medication getting stuck in the throat (Jones & Bartlett, 2020).
<p>How much would medication cost per month if paying out of pocket?</p>	<p>\$12.14</p>
<p>Drug # 7</p>	<p>Drug Name (Generic): Multivitamin with minerals</p> <p>Drug Name (Trade): Berroca Plus</p> <p>Drug Class: Vitamin</p>
<p>How is the medication taken: (include dose, route,</p>	<p>By mouth once daily</p>

and frequency)	
Specific Directions not included above:	N/A
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	None
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Smoking can affect how well someone absorbs vitamins.
Does any of the client's past medical history contradict the use of this medication?	If taken in large doses it can affect the heart and with the patient already having hypertension this can be an issue.
What is the indication for use of this medication based on the client's past medical history? (If unable to determine an indication based on past medical history, please list potential indications for use of the medication in general)	With the patient's age and dysphagia he may not be receiving and absorbing the essential vitamins from food.
What would you teach the client about taking this	1. Take the vitamins as directed on the bottle and do not exceed that.

medication? You must prioritize 2 (see rubric)	2. Do not take with dairy, antacids or calcium supplements.
How much would medication cost per month if paying out of pocket?	\$10.18
Drug # 8	Drug Name (Generic): Docusate Drug Name (Trade): Colace Drug Class:
How is the medication taken: (include dose, route, and frequency)	200 mg capsule by mouth twice a day
Specific Directions not included above:	N/A
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	N/A
Lifestyle interactions:	Avoid foods like alcohol, dairy, red meat, and fried meat that can slow digestion and make constipation worse.

(Daily tobacco use, alcohol, drugs, etc.)	
Does any of the client's past medical history contradict the use of this medication?	Docusate is not recommended for people who have hypertension. Laxatives contain large amounts of sodium that can make hypertension worse.
What is the indication for use of this medication based on the client's past medical history? (If unable to determine an indication based on past medical history, please list potential indications for use of the medication in general)	The patient has a medical history of stroke, and they have a increased check of getting constipation from their condition. Stroke patients reduce their fluid and fiber intake due to difficulty eating after the stroke. Other lifestyle changes and new medications post stroke can cause bloating, constipation, and discomfort.
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Take docusate with a full glass of water, usually at bedtime. Take extra fluids throughout the day to help with effectiveness of the medication (Fookes, 2021). 2. Educate the patient to discontinue the medication if cramping, rectal bleeding, and nausea or vomiting occur.
How much would medication cost per month if paying out of pocket?	\$5.35
Drug # 9	Drug Name (Generic): Diphenhydramine

	Drug Name (Trade): Benadryl Drug Class: Antihistamine, antianaphylactic adjunct, antidyskinetic, antiemetic, antitussive, antivertigo, sedative-hypnotic
How is the medication taken: (include dose, route, and frequency)	25 mg by mouth PRN
Specific Directions not included above:	Do not take more than 6 doses in 24 hours
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	N/A
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Avoid alcohol. Drinking alcohol when taking this medication can cause dizziness, confusion, lightheadedness, and increased risk for falling (Healthline, 2022).
Does any of the client's past medical history contradict the use of this medication?	Benadryl can increase heart rate and cause serious heart-related problems. Knowing the patient has hypertension, it can increase the risk for a decrease in blood flow oxygen to the heart.
What is the indication for use of this medication	It is used to treat symptoms of fever, allergy, and the common cold.

<p>based on the client's past medical history? (If unable to determine an indication based on past medical history, please list potential indications for use of the medication in general)</p>	
<p>What would you teach the client about taking this medication? You must prioritize 2 (see rubric)</p>	<p>1. Notify provider if drowsiness, dizziness, constipation, stomach upset, blurred vision, or dry mouth/nose/throat occur.</p> <p>2. Taking benadryl long term may increase the risk for dementia and Alzheimer's in older age.</p>
<p>How much would medication cost per month if paying out of pocket?</p>	<p>\$7.00</p>
<p>Drug # 10</p>	<p>Drug Name (Generic): Citalopram</p> <p>Drug Name (Trade): Celexa</p> <p>Drug Class: SSRI and antidepressant</p>
<p>How is the medication taken: (include dose, route, and frequency)</p>	<p>20 mg by mouth daily</p>

Specific Directions not included above:	It is best to take it the same time every day. If the medication makes you drowsy, take it at night.
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	Bisacodyl- can cause abdominal cramping, electrolyte and fluid imbalance, excessive diarrhea, and nausea.
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	It is better to avoid taking alcohol with antidepressants. You may feel more drowsy and tired when taking citalopram with alcohol-containing beverages. Consuming caffeine products, chocolates and deserts with citalopram can adverse side effects leading to serotonin syndrome.
Does any of the client's past medical history contradict the use of this medication?	The medication can induce hemolytic anemia. The patient already has a medical diagnosis of anemia and it can trigger the body's defense system to attack its own red blood cells.
What is the indication for use of this medication based on the client's past medical history? (If unable to determine an indication based on past medical history, please list potential indications for use of the	Citalopram is used to treat depression

medication in general)	
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Notify the provider if there are changes in heart rhythm (QT prolongation) 2. Inform the client that citalopram can be taken with or without food
How much would medication cost per month if paying out of pocket?	\$4.00

Is there anything about this medication regimen scenario that might indicate a potential difficulty in maintaining compliance with the orders as listed?

The patient is an older adult with no form of insurance. Many older adults have fixed incomes (Social Security checks) and paying for a medication regimen out of pocket may not be feasible for him. Additionally, the patient recently had a stroke and is experiencing

profound oropharyngeal dysphagia. Crushing medications may be done to make swallowing the pills easier. However, some medications, such as the extended release Ferrous sulfate, should not be crushed.

Is there anything about this medication regimen scenario that might assist the client in maintaining the medication regimen as ordered?

Currently, nurses are administering his medications for him. The patient currently lives in a long-term care facility and the nurses will ensure appropriate medication administration. The nurses will educate the patient on any medication interactions and adverse effects. They will ensure the patient is given their medication in a timely manner and in the correct dose. If the patient were to live alone he may have a difficult time monitoring for any adverse effects or may forget to take their medications in a timely manner. Moreover, the nurse will be able to provide additional education regarding the medication that will be highly beneficial for the patient to know.

What suggestions might you make to the prescriber and/or client (or questions you might ask the prescriber) to help this client scenario? (think about decreasing the potential for interaction(s) through medication reduction, other potential medications, diet changes, lifestyle changes, etc)

The patient should speak to the provider about using both Bisacodyl and Colace as they are both diuretics. The use of naproxen may want to be discussed as it does interact with many of the medications. The client may also want to work towards stopping smoking. If these medications come in another form other than oral pills that may be beneficial with the patient's difficulty swallowing.

What would the patients monthly out of pocket expense for all 10 medications? (Total Cost for all 10 meds)?

\$195.31

Reflective Statement of Experience:

The project itself helped students to strengthen their knowledge on different aspects of pharmacology. Understanding the different drug interactions and contraindications allows to understand which medications to avoid with certain patients. It is important to educate every patient on specific medications, so they understand how to take their medications correctly. Pharmacology is known as the study of medications, where a drug is defined by its class, therapeutic use, contraindications, and adverse effects. Pharmacology helps healthcare professionals to understand which medication is effective for a certain medical condition. As a student nurse it is important to have a good understanding of pharmacology to help build confidence in performing medication administration. Knowing about adverse effects of medications helps to know how to effectively treat patients. As a nurse it is also important to have an idea of what medication can be beneficial to a patient based on their signs/symptoms.

References

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N322 Polypharmacy Grading Rubric

Criteria	Excellent 40 points	Acceptable 31-39 points	Unacceptable 0-30 points	Points Earned
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<p>Each drug should have a completed breakdown within the tables provided, which includes the following:</p> <ul style="list-style-type: none"> ● Drug class ● Generic name ● Trade name ● How is the medication taken (include dose, route, frequency) 	<p>All key components were addressed within the paper and were accurate.</p>	<p>The student provided the required information for some of the medications, but not all and/or the answers provided were inaccurate. (Each individual component for each medication is worth one point)</p>	<p>The student failed to address a sufficient number of the listed components within the paper and/or the components were addressed but were inaccurate. (Each individual component for each medication is worth one point)</p>	<p>___/40</p>
Criteria	Excellent 10 points	Acceptable 8-10 points	Unacceptable 0 - 7 points	Points Earned
<p>Specific Directions not included above:</p> <ul style="list-style-type: none"> ● Is there any type of medication on the patient list that have specific directions? <p>(before bed, before breakfast, 30 minutes before meals, etc..)</p>	<p>All key components were addressed within the paper.</p>	<p>The student did list some of the medications that required specific directions, however some of the medications included specific directions that were not addressed and/or were inaccurate. (For each medication this question if worth one point)</p>	<p>Student failed to answer the questions and/or the answers were inaccurate. (For each medication this question is worth one point)</p>	<p>___/10</p>

Criteria	Excellent 0 points	Acceptable 16-19	Unacceptable 0-15 points	Points Earned
<p>Does this medication have any potentially serious interactions with any other medication(s) on this list, and/or potential interactions that should be closely monitored due to co-administration?</p> <ul style="list-style-type: none"> ● Do any of the medications interact with each other? <p>(Please note: if there is an interaction between two medication, you MUST list that interaction on BOTH medications to receive full credit. You may utilize the same verbiage/wording on each medication, we want to know you are thinking about it when considering each medication)</p>	<p>All medications reviewed and student explained medication interactions.</p>	<p>The student did list some of the potential interactions of the medication(s), but failed to address all potential interactions that are serious and/or need close monitoring. (for each medication listed this question is worth two points)</p>	<p>Student failed to answer question and/or The student did list some of the potential interactions of the medication(s), but failed to address all potential interactions that are serious and/or need close monitoring. (for each medication listed this question is worth two points)</p>	<p>___/20</p>

Criteria	Excellent 5 points	Acceptable 4 points		Unacceptable 0 -3 points	Points Earned
<p>Lifestyle interactions:</p> <ul style="list-style-type: none"> ● What lifestyle factors counteract with the medications? <p>(tobacco user, ETOH use – 3 beers daily)</p>	<p>Student showed knowledge why lifestyle would counteract with medications</p>	<p>The student listed lifestyle interactions for some of the medications, but not all and/or the interactions listed were not priority or were incorrect. (For each medication, this question is worth half a point)</p>	<p>Student failed to answer question or the student listed lifestyle interactions for some of the medications, but not all and/or the interactions listed were not priority or were incorrect. (For each medication, this question is worth half a point)</p>	<p>___/5</p>	

Criteria	Excellent 10 points	Average 8-9	Unacceptable 0-7 points	Points Earned
<ul style="list-style-type: none"> Does any of the client's past medical history contradict the use of this medication? 	<p>Student showed knowledge why the client's past medical history would contradict the use of the medication(s).</p>	<p>Student provided answers to the question(s), but failed to answer all the questions and/or the answers provided were inaccurate. (For each medication this question is worth one point)</p>	<p>Student failed to answer question or Student provided answers to the question(s), but failed to answer all the questions and/or the answers provided were inaccurate. (For each medication this question is worth one point)</p>	<p>___/10</p>
Criteria	Excellent 10 points	Acceptable 8-9 points	Unacceptable 0-7 points	Points Earned
<ul style="list-style-type: none"> What is the indication for use of this medication based on the client's past medical history? (If unable to determine an indication based on past medical history, please list potential indications for use of the medication in general) 	<p>Student showed knowledge of medications and what conditions corresponds with medications</p>	<p>The student provided appropriate indications for some of the medications, but failed to capture all of the appropriate indications for use. (For each medication this question is worth one point)</p>	<p>Student failed to answer the question or The student provided appropriate indications for some of the medications, but failed to capture all of the appropriate indications for use. (For each medication this question is worth one point)</p>	<p>___/10</p>

Criteria	Excellent 20 points	Acceptable 16-19 points	Unacceptable 0-15 points	Points Earned
<p>What would you teach the client about taking this medication?</p> <ul style="list-style-type: none"> ● What education is needed for the medication? (For each medication listed the student must prioritize two topics for client education) <p>(You must consider all component(s) of the medication list when answering this question... if there are potential interactions with other medication this may be a priority over general education for this one medication)</p>	<p>Student showed the importance of medication education, and appropriate prioritized client education for the scenario provided.</p>	<p>The student provided some appropriate education for the client, but failed to capture all of the appropriately prioritized education for the client. (Each topic of education is worth one point)</p>	<p>Student failed to answer the question OR The student provided some appropriate education for the client, but failed to capture all of the appropriately prioritized education for the client. (Each topic of education is worth one point)</p>	<p>___/20</p>
Criteria	Excellent 10 points	Acceptable 8-9 points	Unacceptable 0-7 points	Points Earned
<p>Is there anything about this medication regimen/</p>	<p>Student had knowledge on why a patient would have difficulty with</p>	<p>The student indicated some potential reasons that the</p>	<p>Student failed to answer the question OR the student</p>	<p>___/10</p>

<p>scenario that might indicate a potential difficulty in maintaining compliance with the orders as listed?</p> <ul style="list-style-type: none"> ● Why would the patient have difficulty maintaining the medication regimen? <p>(Please consider all factors in the scenario and all information provided within your chart - including cost, insurance, frequency of administration, etc)</p>	<p>medication regimen</p>	<p>client may have difficulty, however the student failed to indicate a reason OR an appropriate reason for some of the medications (This question is worth one point for each medication)</p>	<p>indicated some potential reasons that the client may have difficulty, however the student failed to indicate a reason OR an appropriate reason for some of the medications (This question is worth one point for each medication)</p>	
<p>Criteria</p>	<p>Excellent 10 points</p>	<p>Acceptable 8-9 points</p>	<p>Unacceptable 0-7 points</p>	<p>Points Earned</p>
<p>Is there anything about this medication regimen/ scenario that might assist the client in maintaining the medication regimen as ordered?</p> <ul style="list-style-type: none"> ● What factors are present to remain compliant? 	<p>Student had knowledge on medication compliance</p>	<p>The student answered the question appropriately for some of the medications but failed to indicate all of the factors that are present that assist with compliance. (This question is worth one point for each medication)</p>	<p>Student failed to answer the question OR The student answered the question appropriately for some of the medications but failed to indicate all of the factors that are present that assist with compliance. (This question is worth one point for each medication)</p>	<p>___/10</p>

<p>(Please consider all factors in the scenario and all information provided within your chart – including cost, insurance, frequency of administration, etc.</p>				
<p>Criteria</p>	<p>Excellent 10 points</p>	<p>Acceptable 8-9 points</p>	<p>Unacceptable 0 points</p>	<p>Points Earned</p>
<ul style="list-style-type: none"> ● How much would this medication cost per month if the patient were to pay for them out of pocket? (best assessment based off of research) ● What would the client’s monthly out of pocket expense for all 10 medications? 	<p>Student showed research on medication costs</p>	<p>The student provided accurate research for some of the medications, but failed to provided research for all medications (This question is worth one point for each medication, with the total cost being worth 5 points)</p>	<p>Student failed to answer the question OR The student provided accurate research for some of the medications, but failed to provided research for all medications (This question is worth one point for each medication, with the total cost being worth 5 points)</p>	<p>___/15</p>
<p>Criteria</p>	<p>Excellent 20 points</p>	<p>Acceptable 16-19 points</p>	<p>Unacceptable 0-15 points</p>	<p>Points Earned</p>
<p>The student must appropriately format the</p>	<p>The document included a title page, the rubric, the client</p>	<p>The document did not meet all of the criteria for</p>	<p>The document did not meet all of the criteria for formatting/</p>	<p>___/20</p>

<p>paper and include all of the following:</p> <ul style="list-style-type: none"> ● Entire document must include appropriate citations, reference page, title page, page numbers, running head, all with appropriate formatting per APA (10 points – each missing or inaccurate portion per APA is worth one point) ● The student provided a rubric attached for grading (3 points) ● The student included the provided client scenario on page two of the document (2 points) ● The paper included a minimum of five 	<p>scenario, a reference page which included five references that were cited within the document. APA formatting was consistent with the APA manual.</p>	<p>formatting/ referencing. See “criteria” to the left for further breakdown.</p>	<p>referencing. See “criteria” to the left for further breakdown.</p>	
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<p>references which were cited within the document (each reference with one citation is worth 5 points)</p>				
<p>Criteria</p>	<p>Excellent 20 points</p>	<p>Acceptable 16-19 points</p>	<p>Unacceptable 0-15 points</p>	<p>Points Earned</p>
<p>What suggestions might you make to the prescriber and/or client (or questions you might ask the prescriber) to help this client scenario? (think about decreasing the potential for interaction(s) through medication reduction, other potential medications, diet changes, lifestyle changes, etc)</p> <p>Elaborate on this, explaining why you feel it should be addressed, why it is priority and provide evidence behind your presentation.</p>	<p>The student was able to identify one potential idea or question to present to the prescriber or client. This question showed evidence of good critical thinking.</p>	<p>The student was able to identify one potential idea or question to present to the prescriber or client, however there was a much higher priority question/suggestion/issue within the scenario that should have been addressed.</p>	<p>The student failed to answer the question OR the student answered the question, however the students answer was dangerously inaccurate.</p>	<p>____/20</p>

Criteria	Excellent 10 points	Acceptable 8-9 points	Unacceptable 0-7 points	Points Earned
<ul style="list-style-type: none"> ● Reflective statement of experience should include the following: -insight into the project itself (a specific example within the project and its implications) -A basic understanding of polypharmacy -A reflection on this student nurses role in this scenario as a client advocate/educator/caregiver 	<p>The students provided reflection showed good insight into the project itself, polypharmacy, and the nurses role in client advocacy</p>	<p>The student provided a reflection, however the reflection lacked one of the following</p> <ul style="list-style-type: none"> -insight into the project itself (a specific example within the project and its implications). -A basic understanding of polypharmacy -A reflection on this student nurses role in this scenario as a client advocate/educator/caregiver 	<p>Student failed to reflect on their project OR the student addressed only of the topics of reflection</p>	<p>___/10</p>
<p>Total Points</p>				<p>___/200</p>