

Polypharmacy Project

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N322 Introduction to Pharmacology

Lakeview College of Nursing

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PLEASE INSERT YOUR CLIENT SCENARIO HERE – THIS WILL BE PAGE TWO OF THE DOCUMENT

Patient: Donald is an 88-year-old male. Donald is alert with intermittent confusion. The wife (Martha) can still take care of Donald in their independent living apartment. Donald or Martha do not drive but has a son across the street that drives them to places.

Social History: Patient lives with spouse in independent living. Both he and his wife have Medicare and social security. Children are involved for support.

Medical History: Dementia, hypertension, chronic kidney disease, hyperlipidemia, chronic anemia, rheumatoid arthritis.

Allergies: Lisinopril, Sulfa, Latex

Weight: 250 pounds **Height:** 6'4"

Medications:

Donepezil 10 mg PO daily at bedtime

Enalapril 10 mg PO BID

Fenofibrate 145 mg PO daily

Oxycodone 2.5 mg Q6H PRN (Route is not present on original form)

Miralax packet 17 G mixed with juice/water every morning (Frequency not specified on original document)

Prednisone 10 mg PO daily

Lorazepam 0.5 mg TID PRN (Route is not present on original form)

Aranesp 0.45 mcg/kg SUBQ every 4 weeks

Ferrous Sulfate 325 mg PO daily

Paroxetine 20 mg PO daily

Drug #1 Drug Class: Acetylcholinesterase inhibitor	Drug Name (Generic): Donepezil Drug Name (Trade): Aricept
How is the medication taken: (include dose, route, and frequency)	10 mg, PO, daily at bedtime
Specific Directions not included above:	May be taken with or without food. Swallow whole, do not crush or break tablet.
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	Donepezil may interact with paroxetine, as it is possible for this combination to cause increased agitation and aggressiveness in those who take them in conjunction. <i>(Donepezil Drug Interactions, n.d.)</i>
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	There are no interactions noted for this drug with tobacco or alcohol.

	<i>(Donepezil Drug Interactions, n.d.)</i>
Does any of the client's past medical history contradict the use of this medication?	<p>This client does not have any past medical history that indicates he should avoid donepezil.</p> <p><i>(Donepezil Drug Interactions, n.d.)</i></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)	This drug was prescribed for the client's dementia.
What would you teach the client about taking this medication?	Avoid potentially dangerous activities like driving until the drug's effects are well known.
How much would medication cost per month if paying out of pocket?	This medication would cost \$6.43 with a coupon, but the average retail cost of this drug is \$97.56

	<i>(Donepezil Prices, Coupons & Savings Tips, n.d.)</i>
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Drug #2	Drug Name (Generic): Enalapril
Drug Class: ACE inhibitor	Drug Name (Trade): Vasotec

	<i>(Nursing 2020 drug handbook, 2020)</i>
How is the medication taken: (include dose, route, and frequency)	10 mg PO BID
Specific Directions not included above:	Take drug same time each day, do not crush or chew tablet.
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	<p>Enalapril should be used cautiously with oxycodone and lorazepam as it may lower the blood pressure to unsafe levels.</p> <p>Prednisone may lower the effects of enalapril and may not lower the blood pressure sufficiently.</p> <p><i>(Enalapril Drug Interactions, n.d.)</i></p>
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	<p>Those taking enalapril should avoid a diet that is high in potassium, as this can lead to hyperkalemia.</p> <p><i>(Enalapril Drug Interactions, n.d.)</i></p>
Does any of the client's past medical history contradict the use of this medication?	Enalapril should be used cautiously in this patient due to the client's impaired renal function. ACE inhibitors may not be excreted appropriately in client's with impaired

	<p>renal function and can worsen the function of the kidneys over time.</p> <p><i>(Enalapril Drug Interactions, n.d.)</i></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>This client was prescribed this medication for his hypertension.</p>
<p>What would you teach the client about taking this medication?</p>	<p>Fainting and lightheadedness may occur on this medication. Teach client about changing positions slowly.</p>
<p>How much would medication cost per month if paying out of pocket?</p>	<p>Average price for this medication is \$40.59</p> <p><i>(Enalapril Prices, Coupons & Savings Tips, n.d.)</i></p>

Drug #3 Drug Class: Antilipemic	Drug Name (Generic): Fenofibrate Drug Name (Trade): Antara, Fenoglide <i>(Nursing 2020 drug handbook, 2020)</i>
How is the medication taken: (include dose, route, and frequency)	145 mg PO daily
Specific Directions not included above:	Some brands of fenofibrate should be taken with food to assist in absorption.

	Do not crush or chew tablet.
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	This drug does not interact with any other drugs in this list. (<i>Fenofibrate Drug Interactions, n.d.</i>)
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	This drug does not interact with drugs or alcohol. (<i>Fenofibrate Drug Interactions, n.d.</i>)
Does any of the client's past medical history contradict the use of this medication?	Clients with impaired renal function should not take this drug. Some severe adverse effects may present, including rhabdomyolysis and severe hyperkalemia. (<i>Fenofibrate Drug Interactions, n.d.</i>)
What is the indication for use of this medication based on the clients 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)	This medication is prescribed to treat hyperlipidemia.
What would you teach the client about taking this	Store medication in original bottle.

medication?	Have periodic laboratory levels checked, especially liver function tests and blood counts.
How much would medication cost per month if paying out of pocket?	Average retail price of this medication is \$90.06 but can be found for less than \$20.00 in many pharmacies. <i>(Fenofibrate Prices, Coupons & Savings Tips, n.d.)</i>

<p>Drug #4</p> <p>Drug Class: Opioid analgesic</p>	<p>Drug Name (Generic): Oxycodone</p> <p>Drug Name (Trade): OxyContin</p> <p><i>(Nursing 2020 drug handbook, 2020)</i></p>
<p>How is the medication taken: (include dose, route, and frequency)</p>	<p>2.5 mg every 6 hours, PRN (Route is not present on original form)</p>
<p>Specific Directions not included above:</p>	<p>Swallow tablets whole and do not crush or chew due to risk of rapid release and potentially fatal dose.</p>
<p>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</p>	<p>Oxycodone should be prescribed cautiously in clients taking enalapril due to potential risk of fatal hypotension.</p> <p><i>(Oxycodone Drug Interactions, n.d.)</i></p> <p>Oxycodone and lorazepam should not be taken together due to risk of CNS depression, which can lead to respiratory distress, or death.</p>

	Oxycodone and paroxetine used together can lead to serotonin syndrome, which includes hallucinations, seizures, and extreme changes in blood pressure.
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Avoid alcohol as ingesting alcohol while taking oxycodone can lead to reduced blood pressure, coma, and death. Avoid grapefruit juice which can increase blood levels of oxycodone. <i>(Oxycodone Drug Interactions, n.d.)</i>
Does any of the client's past medical history contradict the use of this medication?	Renal impairment can alter the elimination of oxycodone, resulting in increased risk of toxicity. <i>(Oxycodone Drug Interactions, n.d.)</i>
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)	This client takes oxycodone to reduce the pain caused by his rheumatoid arthritis
What would you teach the client about taking this	Do not drive while taking this drug.

medication?	Keep drug out of reach of children as this drug can cause death if taken in excess.
How much would medication cost per month if paying out of pocket?	The average price of this drug is \$242.06. (<i>Oxycontin Prices, Coupons & Savings Tips</i> , n.d.)

<p>Drug #5</p> <p>Drug Class: Laxative</p>	<p>Drug Name (Generic): polyethylene glycol</p> <p>Drug Name (Trade): Miralax</p> <p><i>(Nursing 2020 drug handbook, 2020)</i></p>
<p>How is the medication taken: (include dose, route, and frequency)</p>	<p>17 G PO mixed with water or juice (Frequency not specified on original document.)</p>
<p>Specific Directions not included above:</p>	<p>Store at room temperature.</p>
<p>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</p>	<p>This drug should be used moderately with prednisone therapy due to increased risk of dehydration and hypokalemia.</p> <p><i>(MiraLAX Drug Interactions, n.d.)</i></p>
<p>Lifestyle interactions:</p> <p>(Daily tobacco use, alcohol, drugs, etc.)</p>	<p>This drug does not have any interaction with drugs or alcohol.</p> <p><i>(MiraLAX Drug Interactions, n.d.)</i></p>
<p>Does any of the client's past medical history</p>	<p>This drug does not contradict any of the client's medical history.</p>

contradict the use of this medication?	<i>(MiraLAX Drug Interactions, n.d.)</i>
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)	This medication is used to treat constipation, a common condition found in the elderly.
What would you teach the client about taking this medication?	Keep out of reach of children. Do not take this drug more than prescribed as overuse can lead to negative effects.
How much would medication cost per month if paying out of pocket?	The average retail price of this drug is \$28.16 <i>(MiraLAX Drug Interactions, n.d.)</i>

Drug #6 Drug Class: Glucocorticoid	Drug Name (Generic): Prednisone Drug Name (Trade): Deltasone <i>(Nursing 2020 drug handbook, 2020)</i>
How is the medication taken: (include dose, route, and frequency)	10 mg PO daily
Specific Directions not included above:	Take medication with food to decrease GI distress
Does this medication interact with any other medication(s) on this list? (see rubric for further	Prednisone can reduce the effects of enalapril, not lowering the blood pressure as needed.

instruction)	Prednisone should be used cautiously when taking miralax. This combination can lead to dehydration and hypokalemia. <i>(Prednisone Drug Interactions, n.d.)</i>
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Alcohol should be avoided with this drug due to increased risk of gastrointestinal ulcers. <i>(Prednisone Drug Interactions, n.d.)</i>
Does any of the client's past medical history contradict the use of this medication?	The client's hyperlipidemia should be monitored while on this drug due to increased risk of elevated triglyceride and LDL cholesterol. <i>(Prednisone Drug Interactions, n.d.)</i>
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)	This client is taking prednisone to treat his rheumatoid arthritis.
What would you teach the client about taking this medication?	Take drug as prescribed.

	Do not stop drug abruptly.
How much would medication cost per month if paying out of pocket?	The average retail price of prednisone is \$15.34. <i>(Prednisone Prices, Coupons & Savings Tips, n.d.)</i>

<p>Drug #7</p> <p>Drug Class: Benzodiazepine</p>	<p>Drug Name (Generic): Lorazepam</p> <p>Drug Name (Trade): Ativan</p> <p><i>(Nursing 2020 drug handbook, 2020)</i></p>
<p>How is the medication taken: (include dose, route, and frequency)</p>	<p>0.5 mg TID PRN (Route not specified on original form)</p>
<p>Specific Directions not included above:</p>	<p>No other directions needed for this drug.</p>
<p>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</p>	<p>Lorazepam should be used cautiously with enalapril due to increased risk of fatal hypotension.</p> <p>Lorazepam should not be used with oxycodone due to risk of CNS depression, coma, and death.</p> <p>Lorazepam should be used cautiously in conjunction with paroxetine due to increased dizziness, drowsiness, and confusion.</p> <p><i>(Lorazepam Drug Interactions, n.d.)</i></p>
<p>Lifestyle interactions:</p>	<p>Alcohol should be avoided with this drug due to increased risk of drowsiness and</p>

(Daily tobacco use, alcohol, drugs, etc.)	dizziness. (Lorazepam Drug Interactions, n.d.)
Does any of the client's past medical history contradict the use of this medication?	Lorazepam should be used cautiously in clients with renal impairment due to altered excretion. (Lorazepam Drug Interactions, n.d.)
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)	This client is taking lorazepam to treat anxiety or insomnia.
What would you teach the client about taking this medication?	Instruct client to report excessive drowsiness. Avoid alcohol while taking this medication. Alcohol intake can lead to serious CNS side effects that can alter consciousness. Warn patient about effects of lorazepam on hypertension therapy, and the risk of fatal

	hypotension.
How much would medication cost per month if paying out of pocket?	The average price of this drug is \$18.46 <i>(Lorazepam Prices, Coupons & Savings Tips, n.d.)</i>

<p>Drug #8</p> <p>Drug Class: Antianemic</p>	<p>Drug Name (Generic): darbepoetin alfa</p> <p>Drug Name (Trade): Aranesp</p> <p><i>(Nursing 2020 drug handbook, 2020)</i></p>
<p>How is the medication taken: (include dose, route, and frequency)</p>	<p>0.45 mcg/ kg subq every 4 weeks</p>
<p>Specific Directions not included above:</p>	<p>Do not shake medication</p> <p>Do not use if medication has changed color or has particles in it.</p>
<p>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</p>	<p>This medication does not interact with any other medications on this list.</p> <p><i>(Aranesp Drug Interactions, n.d.)</i></p>
<p>Lifestyle interactions:</p> <p>(Daily tobacco use, alcohol, drugs, etc.)</p>	<p>Should not be given to client's with uncontrolled hypertension.</p> <p><i>(Aranesp Drug Interactions, n.d.)</i></p>
<p>Does any of the client's past medical history contradict the use of this medication?</p>	<p>Because this client's hypertension is controlled, there are no contraindications within</p>

	<p>this client's medical history.</p> <p><i>(Aranesp Drug Interactions, n.d.)</i></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>This client is taking this medication for his anemia.</p>
<p>What would you teach the client about taking this medication?</p>	<p>Instruct patient on how to administer subcutaneous medication.</p> <p>Encourage patient to eat foods high in iron.</p> <p>Due to this client's latex allergy, he must be aware that the needle cover may contain latex.</p>
<p>How much would medication cost per month if paying out of pocket?</p>	<p>The average retail price of this medication is \$1,032.64.</p> <p><i>(Aranesp Prices, Coupons & Savings Tips, n.d.)</i></p>

<p>Drug #9</p> <p>Drug Class: Antianemic</p>	<p>Drug Name (Generic): Ferrous Sulfate</p> <p>Drug Name (Trade): Feosol</p> <p><i>(Nursing 2020 drug handbook, 2020)</i></p>
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How is the medication taken: (include dose, route, and frequency)	This medication is taken PO, 325 mg daily.
Specific Directions not included above:	Do not chew or crush tablets. Eat foods rich in vitamin C to assist in absorption.
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	This medication does not have any interactions with the other medications provided. <i>(Ferrous sulfate Drug Interactions, n.d.)</i>
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	This medication has no indications with alcohol or drugs. <i>(Ferrous sulfate Drug Interactions, n.d.)</i>
Does any of the client's past medical history contradict the use of this medication?	This medication has no interactions with the client's previous medical history. <i>(Ferrous sulfate Drug Interactions, n.d.)</i>
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	This client is taking this medication for his chronic anemia.

history, please list potential indications for use of the medication in general)	
What would you teach the client about taking this medication?	Avoid foods that impair iron absorption such as spinach, eggs, and other foods high in fiber.
How much would medication cost per month if paying out of pocket?	The average retail price of this drug is \$6.47 <i>(Compare Ferrous Sulfate Prices, n.d.)</i>

Drug #10	Drug Name (Generic): Paroxetine
Drug Class: Selective serotonin reuptake inhibitor	Drug Name (Trade): Paxil <i>(Nursing 2020 drug handbook, 2020)</i>
How is the medication taken: (include dose, route, and frequency)	20 mg PO daily
Specific Directions not included above:	Take medication in the morning.
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	Using this medication with oxycodone can increase the risk of serotonin syndrome. Using this medication with lorazepam can cause increased dizziness, drowsiness, and confusion <i>(Paroxetine Drug Interactions, n.d.).</i>

<p>Lifestyle interactions:</p> <p>(Daily tobacco use, alcohol, drugs, etc.)</p>	<p>Alcohol should be avoided with this drug as it may increase dizziness and drowsiness</p> <p><i>(Paroxetine Drug Interactions, n.d.).</i></p>
<p>Does any of the client's past medical history contradict the use of this medication?</p>	<p>This drug should be used cautiously in clients with renal dysfunction as the drug can accumulate to toxic levels due to altered excretion <i>(Paroxetine Drug Interactions, n.d.).</i></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>Paroxetine is used for depression, anxiety, OCD, and PTSD.</p>
<p>What would you teach the client about taking this medication?</p>	<p>Avoid taking this drug within two hours of an antacid.</p> <p>Taking this drug can lead to acute closure glaucoma</p> <p>Do not crush or chew tablets.</p> <p>Avoid alcohol consumption while taking paroxetine.</p>

	<p>Do not take aspirin or NSAID's due to increased risk of bleeding.</p> <p>Do not stop taking this medication abruptly.</p>
<p>How much would medication cost per month if paying out of pocket?</p>	<p>The average retail price of this medication is \$23.62</p> <p><i>(Paroxetine Prices, Coupons & Savings Tips, n.d.)</i></p>

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

Due to the price of certain drugs, such as fenofibrate, donepezil, oxycodone, and Aranesp, the client may be unable to pay for some of these medications out of pocket even with health insurance and coupons offered by pharmacies. These high prices may not be affordable for this client, causing the client to not take the medication as prescribed. Many times, especially in the elderly population, a client will skip doses to stretch out the time in between paying for medications. The cost of these drugs combined can be an issue for the elderly, especially those that rely on Medicare and other insurance plans that may not sufficiently cover all drug expenses.

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

The most important part of these medications is that they are easy to take and do not require many special instructions, other than eating with certain foods and avoiding others. This allows the patient to take every medication in a similar manner. Because this client and his wife are elderly, this increases the risk of a medication being taken absorbed incorrectly. Easy instructions for medication administration to these clients is important to ensure that each medication is taken correctly every time.

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)

As a nurse, I would consider asking the prescriber about cheaper options for some of these drugs, as well as drugs that will not interact severely with other medications in the regimen. Within this client's regimen, there are high risks of potential hypotensive episodes that can lead to death and other side effects from hypotension. While this client does suffer from hypertension, oxycodone mixed with ACE inhibitors can cause serious hypotensive side effects. These issues need to be addressed before sending the client home, putting the client at a higher risk of death due to neither Donald or his wife being able to drive, extending the time to the emergency department.

It should also be considered that this client does suffer from mental impairments, making the client unable to fully comprehend the medications he may be taking and the side effects that may come with it. The doctor must use full discretion when prescribing drugs that the client cannot have input on.

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

POLYPHARMACY

The total cost for these medications is:

Donepezil: **\$97.56**

Enalapril: **\$40.59**

Fenofibrate: **\$90.06**

Oxycodone: **\$242.06**

Miralax: **\$28.16**

Prednisone: **\$15.34**

Lorazepam: **\$18.46**

Aranesp: **\$1,032.64**

Ferrous sulfate: **\$6.47**

Paroxetine: **\$23.62**

On average, these medications combined would cost a total of \$1588.49 every month.

Reflective Statement of Experience:

Polypharmacy affects many elderly people and can be very debilitating financially to those that may not have sufficient funds to pay for their medications. Our job as nurses and healthcare providers is to make sure that our clients are given the best possible options to treat their conditions and diseases. Nurses must advocate for their patients and stand up for clients that feel they cannot afford the options given to them. As nurses we must also educate our patients about the medications they are taking and how to take those medications properly to manage their symptoms and conditions.

While doctors prescribe the medications, many times they will not spend the time needed to thoroughly explain and educate the client about why they are taking certain medications and what side effects these medications can have. Through this project, nursing students can truly understand how 10 medications can drastically change the life of a client, and some clients may be on more medications than just 10. As nurses, we must also help clients determine if the medications prescribed to them are right for their treatment, and we must allow the patient to maintain autonomy and make their own decisions regarding the medication regimen and treatment plan.

References

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Prednisone Drug Interactions. (n.d.). Retrieved November 09, 2020, from <https://www.drugs.com/drug-interactions/prednisone.html>

Prednisone Prices, Coupons & Savings Tips. (n.d.). Retrieved November 09, 2020, from <https://www.goodrx.com/prednisone>

N322 Polypharmacy Grading Rubric

Criteria	Excellent 40 points	Acceptable 31-39 points	Unacceptable 0-30 points	Points Earned
<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) 	All key components were addressed within the paper and were accurate.	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)	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)	___/40
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>	All key components were addressed within the paper.	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)	Student failed to answer the questions and/or the answers were inaccurate. (For each medication this question is worth one point)	___/10
Criteria	Excellent 0 points	Acceptable 16-19	Unacceptable 0-15 points	Points Earned
Does this medication have any	All	The student did list	Student failed to	___/20

<p>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>medications reviewed and student explained medication interactions.</p>	<p>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>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>	
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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 	<p>Student showed knowledge why lifestyle would</p>	<p>The student listed lifestyle interactions for some of the medications, but not all and/or the interactions listed</p>	<p>Student failed to answer question or the student listed lifestyle</p>	<p>___/5</p>

<p>medications? (tobacco user, ETOH use – 3 beers daily)</p>	<p>counteract with medications</p>	<p>were not priority or were incorrect. (For each medication, this question is worth half a point)</p>	<p>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>Criteria</p>	<p>Excellent 10 points</p>	<p>Average 8-9</p>	<p>Unacceptable 0-7 points</p>	<p>Points Earned</p>
<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) 	Student showed knowledge of medications and what conditions corresponds with medications	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)	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)	___/10
Criteria	Excellent 20 points	Acceptable 16-19 points	Unacceptable 0-15 points	Points Earned
What would you teach the client about taking this medication? <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) (You must consider all component(s) of the	Student showed the importance of medication education, and appropriate prioritized client education for the scenario provided.	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)	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	___/20

<p>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>the client. (Each topic of education is worth one point)</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 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>Student had knowledge on why a patient would have difficulty with medication regiment</p>	<p>The student 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>Student failed to answer the question OR the student 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>___/10</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</p>	<p>Student had</p>	<p>The student answered the</p>	<p>Student failed to</p>	<p>___/10</p>

<p>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>(Please consider all factors in the scenario and all information provided within your chart – including cost, insurance, frequency of administration, etc.</p>	<p>knowledge on medication compliance</p>	<p>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>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>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</p>	<p>___/15</p>

Criteria	Excellent 20 points	Acceptable 16-19 points	Unacceptable 0-15 points	Points Earned
<p>The student must appropriately format the 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>The document included a title page, the rubric, the client scenario, a reference page which included five references that were cited within the document. APA formatting was consistent with the APA manual.</p>	<p>The document did not meet all of the criteria for formatting/ referencing. See “criteria” to the left for further breakdown.</p>	<p>the total cost being worth 5 points) The document did not meet all of the criteria for formatting/ referencing. See “criteria” to the left for further breakdown.</p>	<p>___/20</p>

references which were cited within the document (each reference with one citation is worth 5 points)				
Criteria	Excellent 20 points	Acceptable 16-19 points	Unacceptable 0-15 points	Points Earned
<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>	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.	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.	The student failed to answer the question OR the student answered the question, however the students answer was dangerously inaccurate.	___/20
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: 	The students provided reflection showed good	The student provided a reflection, however the reflection lacked one of the following	Student failed to reflect on their project OR the student	___/10

POLYPHARMACY

<p>-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>	<p>insight into the project itself, polypharmacy, and the nurses role in client advocacy</p>	<p>-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>	<p>addressed only of the topics of reflection</p>	
<p>Total Points</p>				<p>____/200</p>