

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

Background: Amy is an 87-year-old female that lives in an assisted living facility. Part of the living arrangements in the facility is a pharmacy service that delivers their meds in pre-filled medication packages (accu-pacs) every week. These packages are labeled with the date and time of administration. (see example picture attached). Amy is expected to take her medications independently. She has no family nearby to assist her. She is followed by her primary care physician as well as an endocrinologist, whom she currently visits monthly as her diabetes is not well controlled. Amy does not have a driver's license, and is experiencing significant difficulty with her vision r/t diabetic retinopathy. Amy does not drink, or use illicit drugs. Amy does have a history of smoking cigarettes (26 pack years). She quit 10 years ago, and smoke 1 pack per day for 26 years).

Insurance: Amy has good health insurance that covers the cost of her prescription medications with little co-pay.

Allergies: Sulfa & Pepto-Bismol

Diet: Controlled carbohydrates

Medical diagnosis: Type II Diabetes, diabetic retinopathy, diabetic neuropathy, osteoporosis

Current medications include the following:

Aspirin 81 mg by mouth two times a day

Calcium 500 mg by mouth two times a day

Multivitamin with minerals by mouth one time a day

Docusate Sodium 100 mg by mouth two times a day

Glyburide 10 mg by mouth one time a day

Levemir 15 units SC at HS

Novolog per sliding scale SC AC & HS

Ranibizumab 0.5 mg via intravitreal injection (given at doctor's office) once a month

Gabapentin 300 mg by mouth three times a day

Ibuprofen 400 mg by mouth every six hours as needed



Drug #1	Drug Name (Generic): Aspirin Drug Name (Trade): acetylsalicylic acid Drug Class: Salicylate
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How is the medication taken: (include dose, route, and frequency)	81 mg by mouth two times a day
Specific Directions not included above:	Take with food
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	Glyburide -oral antidiabetic agents can possibly enhance hypoglycemic effects
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	According to Hayashi et al. (2018), smoking cessation may be a risk factor for the development of AERD. Aspirin-exacerbated respiratory disease is a condition where inhibition of cyclooxygenase-1 induces attacks of upper and lower airway reactions. Amy has a history of smoking one pack a day of cigarettes for twenty-six years and quit 10 years ago.
Does any of the client's past medical history contradict the use of this medication?	None of Amy's past medical history contradict the use of Aspirin.
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	Amy is diabetic, and her diabetes is not well controlled. A diabetic is twice as likely to experience a heart attack or stroke. Aspirin is prescribed to reduce the severity of or prevent acute MI.

medication in general)	
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	<p>1. Do not take Ibuprofen or Naproxen with this medication because the drugs may reduce the cardioprotective and stroke preventative effect of aspirin.</p> <p>2. Consult your doctor before taking aspirin with any prescription drug for diabetes.</p>
How much would medication cost per month if paying out of pocket?	\$0.36 per 30 tablets (GoodRx) = \$0.72per month

Drug #2	<p>Drug Name (Generic): Calcium Acetate</p> <p>Drug Name (Trade): Calphron</p> <p>Drug Class: Calcium Salts</p>
How is the medication taken: (include dose, route, and frequency)	500 mg by mouth two times a day
Specific Directions not included above:	Take with meals, avoid taking within 2 hours of other drugs, store at room temperature away from heat, moisture, and light. Serum calcium level will be ordered to evaluate therapeutic response by assessing Chvostek's and Trousseau's signs.
Does this medication interact with any other medication(s) on this list? (see rubric for further	No medications on this list interact with calcium.

instruction)	
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	None of Amy's lifestyle interactions contradict the use of Calcium.
Does any of the client's past medical history contradict the use of this medication?	Though not a smoker the past 10 years, as a precaution please be advised that smoking can possibly decrease the absorption of this medication.
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 indication for use for calcium would be to treat hyperphosphatemia. Amy has uncontrolled diabetes and hyperglycemia causes an osmotic diuresis with significant fluid and electrolyte loss. According to Lewis (2021), Hyperphosphatemia occasionally results from a transcellular shift of phosphate into the extracellular space that is so large that the renal excretory capacity is overwhelmed. This transcellular shift occurs most frequently in Diabetic ketoacidosis (despite total body phosphate depletion).
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Drinking caffeine and eating high-fiber foods can possibly decrease the absorption of this medication 2. This medication can cause nausea and vomiting so take 1 to 2 hours after meals.
How much would medication cost per month if paying out of pocket?	\$61.32 for a 3-month supply
Drug #3	Drug Name (Generic): Multivitamin with minerals

	Drug Name (Trade): Poly-Vi-Flor Drug Class: Vitamin and Mineral Combinations
How is the medication taken: (include dose, route, and frequency)	1 tablet orally once a day
Specific Directions not included above:	Take with food.
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	According to RxList (n.d.), multivitamins have no listed severe interactions with other drugs. Multivitamins have no listed mild interactions with other drugs.
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	None of Amy's lifestyle interactions contradict the use of Multivitamins with minerals.
Does any of the client's past medical history contradict the use of this medication?	None of Amy's past medical history contradict the use of Multivitamins with minerals.
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)	According to RxList (n.d.), multivitamins are used to treat or prevent vitamin deficiency due to poor diet or certain illnesses.

<p>What would you teach the client about taking this medication? You must prioritize 2 (see rubric)</p>	<p>1.Be aware of side effects to include constipation, dark stools, nausea, vomiting and abdominal pain.</p> <p>2.Do not take if allergic to any of the ingredients found on the medication label.</p>
<p>How much would medication cost per month if paying out of pocket?</p>	<p>\$21.46 for a 3-month supply</p>
<p>Drug #4</p>	<p>Drug Name (Generic): Docusate Sodium</p> <p>Drug Name (Trade): Colace</p> <p>Drug Class: Laxative, Stool Softener</p>
<p>How is the medication taken: (include dose, route, and frequency)</p>	<p>100 mg by mouth two times a day</p>
<p>Specific Directions not included above:</p>	<p>Follow all directions on the product package unless otherwise directed by your doctor.</p>
<p>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</p>	<p>No interactions were found between docusate sodium and other prescribed medications.</p>
<p>Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)</p>	<p>Uncontrolled diabetes can overtime damage nerves which can include those that control digestion. According to WebMD (n.d.), many of the healthy choices that doctors recommend to help manage diabetes will also ease constipation: eat food that's high in fiber, like whole</p>

	grains, fruits, and vegetables, get regular exercise, and drink plenty of water.
Does any of the client's past medical history contradict the use of this medication?	Docusate Sodium has no known severe, serious, or moderate interactions with other drugs.
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 occasional constipation. Some medications and conditions can make constipation more likely. Stool softeners such as docusate are often the first method used for preventing and treating this type of constipation. Docusate is often used when straining to have a bowel movement should be avoided (such as after a heart attack or surgery). Docusate is a stool softener. It works by increasing the amount of water the stool absorbs in the gut, making the stool softer and easier to pass (Medscape.com)."
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Side effects include stomach pain, diarrhea, or cramping. 2. Store this medication at room temperature away from light and moisture. DO NOT STORE IN THE BATHROOM.
How much would medication cost per month if paying out of pocket?	\$5.42 for 30 tablets=\$10.84 per month
Drug # 5	Drug Name (Generic): Glyburide

	Drug Name (Trade): glibenclamide Drug Class: Sulfonylurea
How is the medication taken: (include dose, route, and frequency)	10 mg by mouth one time a day
Specific Directions not included above:	Take before first meal of the day
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	No interactions were found between glyburide and other medications.
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Amy is experiencing difficulty with her vision r/t diabetic retinopathy. This drug can cause blurred vision and changes in accommodation. Amy is to consult an ophthalmologist before driving.
Does any of the client's past medical history contradict the use of this medication?	Amy is experiencing difficulty with her vision r/t diabetic retinopathy. This drug can cause blurred vision and changes in accommodation. Amy is to consult an ophthalmologist before driving.
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	As adjunct to control blood glucose level in type 2 diabetes.

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)	<ol style="list-style-type: none"> 1. Be sure to eat after taking this medication 2. Refrain from eating high-fat foods (i.e., fried foods) due to the reduced bioavailability of the non-micronized glyburide.
How much would medication cost per month if paying out of pocket?	\$13.56 for 90 tablets-3-month supply
Drug # 6	<p>Drug Name (Generic): Levemir</p> <p>Drug Name (Trade): Insulin Detemir</p> <p>Drug Class: Long-Acting Insulin</p>
How is the medication taken: (include dose, route, and frequency)	15 units by subcutaneous injection daily at bedtime.
Specific Directions not included above:	<ul style="list-style-type: none"> • Do not mix another long-acting insulin with Detemir • It is only to be administered Subcutaneously and one time a day involving detemir before evening meal or at bedtime • Bedtime administration is the best time because of complete effects.
Does this medication interact with any other	<ul style="list-style-type: none"> • Aspirin - Increase risk of hypoglycemia

medication(s) on this list? (see rubric for further instruction)	<ul style="list-style-type: none"> • Celexa (Citalopram) - Increase risk of hypoglycemia • Glyburide - Increase risk of hypoglycemia
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Make sure patient follow a carbohydrates diet.
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)	Lowers blood glucose levels for up to 24hrs.
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	<ol style="list-style-type: none"> 1. It is only to be administered Subcutaneously and one time a day involving detemir before evening meal or at bedtime 2. Do not shake vial, gently roll vial between palms
How much would medication cost per month if paying out of pocket?	Cost of Levemir: <ul style="list-style-type: none"> • High price is \$462.10 • Low price is \$334.00
Drug # 7	Drug Name (Generic): Insulin aspart

	Drug Name (Trade): Novolog Drug Class: Antidiabetic, rapid-acting insulin
How is the medication taken: (include dose, route, and frequency)	Dose: 70-139 = 0 units 140-180= 2 units 181-240 = 3 units 241-300 = 4 units 301-350 = 6 units 351 - 400 = 8 units Route: Subcutaneous injection Frequency: As needed depending on blood glucose levels that are taken before meals and at bedtime.
Specific Directions not included above:	<ul style="list-style-type: none"> • Administer medication if glucose levels are above 140, before meals and before bed. • Subcutaneous injection in the abdominal region, buttocks, thigh, or upper arm. • It should be injected 5-10 minutes before a meal.
Does this medication interact with any other	No, Novolog does not interact with any other medications on this list.

medication(s) on this list? (see rubric for further instruction)	
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Make sure patient follow a carbohydrates diet.
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 indication for use of this medication is the patient's past medical history of diabetes.
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	<ol style="list-style-type: none"> 1. Before taking this medication check your blood glucose levels. 2. Use the sliding scale to determine how much novolog is needed depending on what the blood glucose level was.
How much would medication cost per month if paying out of pocket?	<p>Average price for 1 vial (100 units): \$306.37</p> <p>Average cost is the patient needs 8 units before every meal and before bedtime for the entire month: \$3063.70</p>

Drug # 8	Drug Name (Generic): Ranibizumab Drug Name (Trade): Lucentis and susvimo Drug Class: Vascular endothelial growth factor inhibitor (Anti-VEGFs)
How is the medication taken: (include dose, route, and frequency)	Dose: 0.5mg Route: Intravitreal injection Frequency: Once a Month
Specific Directions not included above:	Medication is given as an intravitreal injection at the patient's doctor's office one a month.
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	No, this medication does not interact with any other medication on this list.
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Limit marijuana, and tobacco use when taking this medication. Using any of these substances when on Ranibizumab can increase the risk for dizziness.
Does any of the client's past medical history contradict the use of this medication?	Yes, the patient currently does not have a driver's license which could be due to her diabetic retinopathy and is unable to go get herself to the doctor for the injection appointment.
What is the indication for use of this medication	The indication for the use of this medication based on the client's past medical history is

<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>the history of diabetic retinopathy.</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. It is important that each dose of the medication is received as scheduled by the doctor. If a dose is missed, contact your doctor immediately to reschedule. 2. Advise the patient to limit alcohol, marijuana, and tobacco to prevent adverse effects such as increased dizziness.
<p>How much would medication cost per month if paying out of pocket?</p>	<p>Average price per injection is: \$1,575</p>
<p>Drug # 9</p>	<p>Drug Name (Generic): Gabapentin</p> <p>Drug Name (Trade): Gralise, Horizant, Neuraptine</p> <p>Drug Class: GABA Analogue</p>
<p>How is the medication taken: (include dose, route, and frequency)</p>	<p>Dose: 300 mg</p> <p>Route: PO</p> <p>Frequency: Three times a day</p>
<p>Specific Directions not included above:</p>	<p>Swallow tablets whole with a full glass of water; don't chew, break or crush.</p>
<p>Does this medication interact with any other</p>	<p>This medication interacts with patient taking Glyburide.</p>

medication(s) on this list? (see rubric for further instruction)	
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Smoking can cause panic attacks, anxiety and memory loss.
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)	Patient is taking this medication due to diabetic retinopathy.
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Do not stop this medication abruptly. 2. Be alert when using any machines or anything could hurt the patient.
How much would medication cost per month if paying out of pocket?	Average cost per month if the patient takes 3 daily for a month: \$5.21
Drug # 10	Drug Name (Generic): Ibuprofen Drug Name (Trade): Advil, ect.

	Drug Class: NSAID, Anti-inflammatory
How is the medication taken: (include dose, route, and frequency)	Dose: 400mg Route: Oral Frequency: Q6 PRN
Specific Directions not included above:	It is recommended to take a full glass of water, milk, or food to reduce the chance of stomach irritation.
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	This medication interacts with aspirin, citalopram, duloxetine, and glyburide. <ul style="list-style-type: none"> • Patients who take ibuprofen and aspirin are at risk for increased anticoagulation, they should use caution and be monitored closely. • Patients who take ibuprofen and citalopram together increase the risk for upper GI bleeding. If possible concurrent use should be discontinued, it not use caution and monitor closely. • Patients who use ibuprofen and duloxetine together are at increased risk for upper GI bleeds. If possible concurrent use should be discontinued, it not use caution and monitor closely. • Ibuprofen can increase the levels of glyburide by affecting hepatic enzyme metabolism. Caution should be used when taking these medications concurrently.

Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	This puts the patient at increased risk for drowsiness, nausea, stomach ulcers, heart attacks, and stroke.
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 has a diagnosis of osteoporosis and most likely taking ibuprofen to help manage the osteoporosis pain.
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	<ol style="list-style-type: none"> 1) Take at least 8 hours before or at least 2 hours after taking aspirin. 2) It is not recommended to take on an empty stomach, take with a full glass of water.
How much would medication cost per month if paying out of pocket?	Average cost per month if the patient takes 2 daily for a month: \$19.46

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

Amy lives in an assisted living facility and takes her medications independently. Amy should be educated about taking her medications independently since she has uncontrolled diabetes. Amy has trouble seeing her medications because she has been experiencing some difficulties with her vision, diabetic retinopathy, which could lead incorrectly taking her medications. We recommend that Amy be supervised and instructed on when it is time to take her medications to ensure compliance.

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

According to the polypharmacy scenario Amy is a 87-year-old client living in an assisted living facility. Arrangements prearranged in the facility is a pharmacy service that delivers their meds in pre-filled medication packages (accu-pacs) every week. These packages are labeled with the date and time of administration. This allows the medication regimen to be maintained with staff in the facility visually seeing the correct routes of administration, drug name, times, and names of the patient to whom the medication goes.

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)

With the assistance of family and facility employees increasing activity will help manage the patients uncontrolled diabetes. Focusing on diet as well as taking her Glyburide medication will also assist in control of Amy's uncontrolled diabetes. The prescriber should also consider the patient's ability to get around. Amy does not have her driver's license which may make it difficult for her to attend her doctors appointments or go to the doctor once a month to get her ranibizumab injection.

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

The total cost out of pocket for all medications monthly will be \$5, 078.27.

Reflective Statement of Experience:

Courtney:

This project was an experience and a learning curve. This nursing student made sure to research all aspects of the patients' medications and interactions. The majority of my evidence came from sites beyond the nursing drug book. This nursing student was eager to dig deep for helpful information that would benefit my patient as well as add a knowledge bank of the my own.

Tasnim: I discovered that this assignment was really beneficial in helping me comprehend how to carry out a medication reconciliation and familiarize myself with various types of medications. I had no idea how much might go into a medication reconciliation or how crucial it was to complete, particularly if a patient sees many prescribers. It's possible that the prescribers are not considering how their prescriptions interact with those provided by other prescribers. This increases the chance of negative effects for many patients. I also gained knowledge on the cost of prescription drugs without insurance. It is possible that our patient would not have been able to purchase the prescription drugs she requires if she did not have insurance.

References

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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 is 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
<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</p>	All medications reviewed and student explained medication interactions.	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)	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)	___/20

<p>know you are thinking about it when considering each medication)</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 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 	<p>Student showed knowledge why</p>	<p>Student provided answers to</p>	<p>Student failed to answer</p>	<p>___/10</p>	

client's past medical history contradict the use of this medication?	the client's past medical history would contradict the use of the medication(s).	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)	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)	
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
<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) 	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 the client. (Each topic of education is worth one point)	___/20

<p>education) (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>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 regiment? <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 medication regimen/</p>	<p>Student had knowledge on medication compliance</p>	<p>The student answered the question appropriately for</p>	<p>Student failed to answer the question OR The student</p>	<p>___/10</p>

<p>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>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>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 15 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 paper and include all of the</p>	<p>The document included a title page, the rubric, the client scenario, a reference page which</p>	<p>The document did not meet all of the criteria for formatting/ referencing. See</p>	<p>The document did not meet all of the criteria for formatting/ referencing. See "criteria" to the</p>	<p>___/20</p>

<p>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 references which were cited within the document (each reference with one citation is worth 5 points) 	<p>included five references that were cited within the document. APA formatting was consistent with the APA manual.</p>	<p>“criteria” to the left for further breakdown.</p>	<p>left for further breakdown.</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>
<p>Criteria</p>	<p>Excellent 10 points</p>	<p>Acceptable 8-9 points</p>	<p>Unacceptable 0-7 points</p>	<p>Points Earned</p>
<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 	<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 -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</p>	<p>Student failed to reflect on their project OR the student addressed only of the topics of reflection</p>	<p>___/10</p>

as a client advocate/educator/caregiver		as a client advocate/educator/caregiver		
Total Points				<u> </u> /200