

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

Polypharmacy Case 9

Patient: Kathryn is a 58 year old female that lives alone in a third story apartment. She has no family in the area for support. She recently lost her job.

Social history: Recently has lost her job and insurance. Smokes a pack of cigarettes per day but is trying to quit.

Medical history: Diabetes type 1, Diabetic neuropathy, hypertension, hyperlipidemia, depression, insomnia & gastroesophageal reflux disease

Allergies: Codeine & latex Wt 175 pounds Ht 5 ft. 9 in

Medications:

Novolin R 10 units with each meal (TID) SUBQ

Novolog sliding scale SUBQ PRN

Gabapentin 400 mg TID PO

Aspirin 81 mg by mouth once a day

Benicar HCT 20mg/25mg PO Daily

Lexapro 20 mg by mouth once daily

Ambien CR 12.5 mg as needed at bedtime

Protonix 40 mg Daily PO

Conjugated g-estrogens (Premarin) 0.625 mg daily PO

Atorvastatin 20mg PO Daily

Drug #1	Drug Name (Generic): Premarin Drug Name (Trade): Conjugated g-estrogens Drug Class: Estrogen derivatives
How is the medication taken: (include dose, route,	0.625 mg daily by mouth

and frequency)	
Specific Directions not included above:	Tablet should be taken whole. Do not divide, crush, chew or dissolve tablets in the mouth. May be taken with or without food, but should be taken at a fixed time.
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	None of the medications on Kathryn's list interacts with Premarin, it's safe for her to take. Some medications that do interact with this drug include aromatase inhibitors, fulvestrant, ospemifene, raloxifene, and tamoxifen.
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Smoking: Increased risk of pulmonary embolism, stroke, thrombophlebitis, and transient ischemic attack.
Does any of the client's past medical history contradict the use of this medication?	No part of this patient's past medical history indicates that there would be any contradiction in using this medication. Contradictions for use of this medication include known, suspected or history of breast cancer, known or suspected estrogen-dependent neoplasia, and history of DVT, PE, MI, and stroke.
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	To treat moderate to severe vasomotor menopausal symptoms, based on client's age this would be an indication as to why she is taking it.

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. Explain the risks of estrogen therapy, including increased risk of breast, endometrial, or ovarian cancer; cardiovascular disease; and gallbladder disease. 2. Urge patient to immediately report breakthrough bleeding to prescriber.
How much would medication cost per month if paying out of pocket?	\$180.38/month

Drug #2	<p>Drug Name (Generic): Atorvastatin</p> <p>Drug Name (Trade): Lipitor</p> <p>Drug Class: HMG-CoA inhibitors (statins)</p>
How is the medication taken: (include dose, route, and frequency)	20 mg by mouth once daily.
Specific Directions not included above:	Swallow the tablet whole. Don't break, crush, or chew tablet. Take this medicine with or

	without food. Do not drink large amounts of alcohol with this medication.
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	No medicines on this patients list interact with atorvastatin. Medications that do interact with atorvastatin include fibrates, niacin supplements, cyclosporine, clarithromycin, HIV protease inhibitors, digoxin, rifampin, and colchicine.
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Patient smokes a pack of cigarettes a day but is trying to quit. Doesn't drink alcohol or use drugs.
Does any of the client's past medical history contradict the use of this medication?	This patient does have health problems none specifically besides smoking would be contradicted in the use of this medication. This medicine his hard on the kidneys and can lead to kidney failure with the combination of smoking this can be really damaging on this patients body.
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)	Yes, this patient has a history of hyperlipidemia and hypertension both indications requiring the use for this medication. This medicine is to control lipid levels as adjunct to diet in primary hypercholesterolemia and mixed dyslipidemia.

<p>What would you teach the client about taking this medication? You must prioritize 2 (see rubric)</p>	<p>1. Instruct patient to consult prescriber before taking OTC niacin because of increased risk of rhabdomyolysis.</p> <p>2. Advise patient to notify prescriber immediately if they develop unexplained muscle pain, tenderness, or weakness, especially if accompanied by fatigue or fever.</p>
<p>How much would medication cost per month if paying out of pocket?</p>	<p>\$15/month</p>
<p>Drug #3</p>	<p>Drug Name (Generic): Pantoprazole</p> <p>Drug Name (Trade): Protonix</p> <p>Drug Class: Proton pump inhibitors</p>
<p>How is the medication taken: (include dose, route, and frequency)</p>	<p>40 mg daily by mouth</p>
<p>Specific Directions not included above:</p>	<p>Take medicine once daily, first thing in the morning usually 30 minutes before eating.</p>
<p>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</p>	<p>None specified on the list, but the following are interactions with protonix. <i>Atanavir, nelfinavir, rilpivirine</i>: significantly decreased plasma levels of these drugs reducing antiviral effect; possible increased risk of drug resistance. <i>Dasatinib, erlotinib, iron salts,</i></p>

	<p><i>itraconazole, ketoconazole, mycophenolate mofetil, nilotinib</i>: possible decreased absorption of these drugs and decreased effectiveness. <i>Methotrexate</i>: increased risk of methotrexate toxicities. <i>Saquinavir</i>: possibly increased risk of antiretroviral toxicity. <i>Warfarin</i>: Increased INR, PT, and bleeding risk. <i>Nephrotoxic drugs</i>: Increased risk of nephrotoxicity. <i>Thalidomide</i>: Increased risk of renal dysfunction in patients with multiple myeloma.</p>
<p>Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)</p>	<p>Quitting smoking which this patient smoke a pack of cigarettes a day would be one of the biggest interactions to cut out especially while taking protonix. Alcohol does not interfere with the way pantoprazole works, but you should still be mindful of consumption; drinking can irritate the stomach lining worsening the symptoms.</p>
<p>Does any of the client's past medical history contradict the use of this medication?</p>	<p>There is no specific part of this patients past medical history that would contradict the use of protonix. People with lupus, any type of autoimmune disease, and osteoporosis should not take this medicine as it will weaken the bones and is a poor metabolizer.</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</p>	<p>Patient has a history of GERD and since protonix is a proton inhibitor it works by decreasing the amount of acid produced by the stomach.</p>

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. Advise patient to notify prescriber if patient notices he is experiencing a decrease in the amount of urine voided or there is blood in his urine. Also tell them to notify prescriber if they experience new or worsening joint pain or a rash on arms or cheeks that gets worse in the sun. 2. Remind patients to notify all prescribers of pantoprazole use and not to take any over the counter medication, including herbal supplements, without discussing with prescriber.
How much would medication cost per month if paying out of pocket?	\$14.75/month
Drug #4	<p>Drug Name (Generic): aspirin</p> <p>Drug Name (Trade): ancasal</p> <p>Drug Class: salicylate</p>
How is the medication taken: (include dose, route, and frequency)	81 mg tablet, PO, once daily
Specific Directions not included above:	Instruct patients to take aspirin with food or after meals because it may cause GI upset if

	taken on an empty stomach.
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	Yes, taking lexapro can increase the risk of bleeding.
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	The patient is a daily smoker and tobacco is an interaction with aspirin.
Does any of the client's past medical history contradict the use of this medication?	There is no specific part of this patient's past medical history that would 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 medication in general)	patient is on aspirin to reduce the risk of stroke and an MI due to hypertension.
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Instructed patient to stop taking aspirin and notify prescriber if any symptoms of stomach or intestinal bleeding occur such as passage of bloody or tary stools of if a patient is coughing

	<p>up blood or vomit that looks like coffee grounds.</p> <p>2. Advise patient taking a low dose aspirin not to also take ibuprofen or naproxen because these drugs may reduce the cardioprotective and stroke preventive effects of aspirin .</p>
How much would medication cost per month if paying out of pocket?	\$3.91
Drug # 5	<p>Drug Name (Generic): olmesartan medoxomil</p> <p>Drug Name (Trade): Benicar HCT</p> <p>Drug Class: angiotension II receptor</p>
How is the medication taken: (include dose, route, and frequency)	20 mg tablet, PO, once daily
Specific Directions not included above:	monitor blood pressure daily.
Does this medication interact with any other medication(s) on this list? (see rubric for further	TThis medication does not interact with any other medication on patients' med list.

instruction)	
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	patient is a daily smoker and tobacco is an interaction with olmesartan
Does any of the client's past medical history contradict the use of this medication?	there is no past medical history that contraindicates the use of olmesartan.
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)	To manage or be an adjunct to help manage hypertension.
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	<ol style="list-style-type: none"> 1. notify provider immediately if patient becomes pregnant or plans to become pregnant. 2. advise patients to avoid exercise in hot weather and excessive alcohol use to reduce the risk of dehydration and hypotension.
How much would medication cost per month if paying out of pocket?	\$79

Drug # 6	Drug Name (Generic): escitalopram Drug Name (Trade): Lexapro Drug Class: selective serotonin reuptake inhibitor (SSRI)
How is the medication taken: (include dose, route, and frequency)	20 mg tablet, PO, once daily
Specific Directions not included above:	Do not stop taking medication abruptly.
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	Yes, aspirin increased the risk for bleeding when taken with escitalopram. taken with zolpidem tartrate can cause increased risk for delusions, disorientation, and hallucinations.
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	The patient is a daily smoker and tobacco is an interaction with escitalopram.

Does any of the client's past medical history contradict the use of this medication?	the patient has no medical history that contradicts the use of escitalopram.
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 taking escitalopram to treat depression.
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	<p>1.warn patient that taking escitalopram with aspirin increases the risk for bleeding and to monitor signs of bleeding and seek emergency treatment for serious prolonged bleeding.</p> <p>2.review signs and symptoms of hyponatremia and instruct the patient to report them to the prescriber.</p>
How much would medication cost per month if paying out of pocket?	\$47.78
Drug # 7	<p>Drug Name (Generic): zolpidem tartrate</p> <p>Drug Name (Trade): Ambien CT</p>

	Drug Class: Imidazopyridine
How is the medication taken: (include dose, route, and frequency)	12.5 mg tablet, PRN
Specific Directions not included above:	take at bedtime on an empty stomach
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	Yes, this medication taken along with escitalopram can cause increased risk for delusions, disorientation, and hallucinations.
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Patient is a daily smoker and tobacco can interact with zolpidem tartrate. Taking with food can decrease the effects of zolpidem tartrate.
Does any of the client's past medical history contradict the use of this medication?	The patient does not have any medical problems that contradict the use of zolpidem tartrate.
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	The patient is taking zolpidem tartrate for insomnia.

medication in general)	
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	<p>1. advise patient to stop taking zolpidem and seek emergency treatment if experiencing abnormal swelling, nausea, throat tightness, trouble breathing or vomiting.</p> <p>2. tell patient that drug may cause drowsiness or decreased level of consciousness and even next morning impairment despite feeling fully awake. advise patient to get at least 7 to 8 hours of sleep a night.</p>
How much would medication cost per month if paying out of pocket?	\$155.84
Drug # 8	<p>Drug Name (Generic): Gabapentin</p> <p>Drug Name (Trade): Neurontin</p> <p>Drug Class: Anticonvulsants</p>
How is the medication taken: (include dose, route, and frequency)	400 mg TID PO
Specific Directions not included above:	This should be taken with your evening meal and with a full glass of water.
Does this medication interact with any other	Escitalopram and zolpidem should not be taken while on gabapentin it can cause confusion

medication(s) on this list? (see rubric for further instruction)	and breathing problems.
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Alcohol should be avoided while taking gabapentin as it increases the risk of confusion. Patient is also a heavy smoker and should not be smoking while taking this medicine.
Does any of the client's past medical history contradict the use of this medication?	There is nothing in this patient's past medical history that would contradict the use of gabapentin. Gabapentin is contraindicated in patients who have myasthenia gravis or myoclonus.
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 patient is taking this medicine for diabetic neuropathy.
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	<ol style="list-style-type: none"> 1. The patient should not stop using gabapentin suddenly, even if they feel fine. Abruptly stopping the medication can cause increased seizures. 2. If taking this orally, swallow the capsule or tablet whole and do not crush, break, chew, or

	open it.
How much would medication cost per month if paying out of pocket?	\$5.40/month
Drug # 9	Drug Name (Generic): Novolog Drug Name (Trade): Insulin aspart Drug Class: Fast acting insulin
How is the medication taken: (include dose, route, and frequency)	Sliding scale SUBQ PRN
Specific Directions not included above:	Inject medicine subcutaneously under the skin as needed. Do not use more or less than prescribed.
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	Aspirin, gabapentin, and atorvastatin are all interactions with novolog using these medications can increase the risk of confusion, weakness, dizziness, rapid heartbeat, and hypoglycemia. Aspirin has the highest interactions with novolog.
Lifestyle interactions:	Patient is a smoker and should monitor blood sugars more frequently while taking novlog, as tobacco can increase blood sugar.

(Daily tobacco use, alcohol, drugs, etc.)	
Does any of the client's past medical history contradict the use of this medication?	There is no past medical history that contradicts the use 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)	It is a fast acting insulin that helps lower mealtime blood sugar spikes in adults and children with diabetes. Patient is taking this medication due to having type 1 diabetes.
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	<ol style="list-style-type: none"> 1. I would encourage the client to keep insulin on hand at all times. 2. I would instruct the client to eat a meal within 5-10 mins of taking this medication.
How much would medication cost per month if paying out of pocket?	\$58.83/month
Drug # 10	Drug Name (Generic): Novolin R Drug Name (Trade): Insulin Glargine

	Drug Class: Short acting insulins
How is the medication taken: (include dose, route, and frequency)	10 units with each meal (TID) SUBQ
Specific Directions not included above:	Inject medication under the skin 30 minutes before meals.
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	Medications that interact with this drug include beta blockers, ace inhibitors, and angiotensin II receptor blockers that can cause hypoglycemia.
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Patient is a smoker and can cause serious problems, blood sugar should be monitored closely especially if trying to quit smoking.
Does any of the client's past medical history contradict the use of this medication?	It would be a contraindication if the client was experiencing an episode of hypoglycemia.
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	This is a short-acting human insulin indicated to improve blood sugar (glycemic) control in adults. Client is taking for his type I diabetes.

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. I would encourage the client to rotate injection sites2. The client should inject approximately 30 minutes prior to the start of a meal.
How much would medication cost per month if paying out of pocket?	\$142.99/month

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

- The patient recently became unemployed and likely does not have insurance so one thing that may be difficult in staying compliant with the medications is the price of the medications.

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

Taking her depression medication will help her feel better and that will allow her to be able to find a new job and be able to pay for the medication she needs to stay as healthy as she can.

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)

Give information to the client in helping her quit smoking and a possible referral to a dietician. If the patient is able to quit smoking and get on a consistent healthy diet she maybe able to reduce some of the medications she is taking. Help assist the client in making sure that all her prescriptions are being sent to the same pharmacy and that she has a schedule that she is easily able to follow in taking her medications on time.

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

The total cost for all ten medications would be \$703.88.

Reflective Statement of Experience:

Lindsey: I found this project to be very helpful especially in getting to know the different types of medications. I feel that I have a better knowledge of understanding on the medications and there different classes and names. I also have a better understanding of the different types of interactions and contradictions that the different medications have. I also have a better understanding of what you should monitor and not take with different medications and how lifestyle actions and taking a lot of different medications together can have a wide variety of interactions.

Sami: After completing this project I feel I have learned about all the different medications and have a better understanding of the uses of medication. I have also learned that many different medications can interact with each other and so it is important to understand and know what the medications are and what they are used for. Overall I feel like his project helped me learn a lot about medications and I have a better understanding of them.

Kati

This project was very helpful in expanding my overall knowledge of the medications. I think I most appreciate the part of the project that had us look up the cost of the medications if the patient were self paying, also known as “out of pocket cost.” I think this piece is extremely crucial because the cost of drugs is a big concern in today’s world. Many patients choose to not take their prescribed medication because they simply cannot afford it. After completing this project, I have a better understanding of how much these drugs

are costing those with no insurance; I can use this knowledge in future nursing practices when a patient is contemplating not taking their medications because they are low on funds... Perhaps the medication is not as expensive as the patient thinks, and I will be able to provide that education and ease one's mind.

References

Jones & Bartlett Learning (2021). 2021 Nurses' Drug Handbook. Burlington, MA

GoodRx(2022). GoodRx. <https://www.goodrx.com>.

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
<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? 	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	___/20

<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>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 medications? <p>(tobacco user, ETOH use - 3</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>	

<p>beers daily)</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
<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) 	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>(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</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>

administration, etc)				
Criteria	Excellent 10 points	Acceptable 8-9 points	Unacceptable 0-7 points	Points Earned
<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>(Please consider all factors in the scenario and all information provided within your chart – including cost, insurance, frequency of administration, etc.</p>	Student had knowledge on medication compliance	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)	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)	___/10
Criteria	Excellent 10 points	Acceptable 8-9 points	Unacceptable 0 points	Points Earned
<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 	Student showed research on medication costs	The student provided accurate research for some of the medications, but failed to provided research for all medications (This question is worth one point	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	___/15

<p>assessment based off of research)</p> <ul style="list-style-type: none"> ● What would the client's monthly out of pocket expense for all 10 medications? 		<p>for each medication, with the total cost being worth 5 points)</p>	<p>worth one point for each medication, with the total cost being 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>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 	<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 document did not meet all of the criteria for formatting/ referencing. See "criteria" to the left for further breakdown.</p>	<p>___/20</p>

<p>provided a rubric attached for grading (3 points)</p> <ul style="list-style-type: none"> ● 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) 				
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,</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>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>Criteria</p>	<p>Excellent 10 points</p>	<p>Acceptable 8-9 points</p>	<p>Unacceptable 0-7 points</p>	<p>Points Earned</p>

<p>● Reflective statement of experience should include 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>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>