

Polypharmacy Project

Brooke Valles, Tyrika Walls, Kristina Stewart, BSN Student

N322 Introduction to Pharmacology

Lakeview College of Nursing

Brittany Lawson MSN, RN, CMAC

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Patient: Sharon is a 95-year-old female that has to live in a long term care facility for the past ten years. Family visits frequently. One daughter visits daily help with personal care. More confusion has set in over the past six months. Depression has become more chronic and pain is interfering in daily activities. She continues to be ambulatory, however, she has had an increased incidence of falls and unsteadiness. Therapy is working with her to increase strength.

Social History: No documentation of the history of smoking, alcohol, or illicit drug use. There is a history of hypertension and congestive heart failure on her maternal side.

Medical history: Dementia, Depression, Osteoarthritis, HTN, Glaucoma & Fibromyalgia

Allergies: None

Medications:

Cardizem 240 mg Daily PO

Hydrochlorothiazide 25 mg by mouth twice daily

Fluoxetine 40mg BID PO (recently increased from 20 mg)

Lyrica 100mg BID PO

Exelon 13.3 mg patch TD q24h

Latanoprost 1 drop to each eye daily

Ketorolac 20mg 4 to 6 hours PRN for pain (new for increased pain)

Tylenol 500mg 4 to 6 hours for pain PRN

Calcium with Vitamin D 1200 mg PO Daily

Multi-Vitamin PO Daily

Drug #1	Drug Name (Generic): Hydrochlorothiazide Drug Name (Trade): Microzide, Oretic, Urozide Drug Class: Pharmacologic: Thiazide Diuretic Therapeutic: Diuretic
How is the medication taken: (include dose, route, and frequency)	25 mg by mouth two times daily
Specific Directions not included above:	Take medication early morning and early evening to avoid nocturia.
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	Ketorolac (NSAID); Decreases the effects of hydrochlorothiazide; Increased risk of renal failure (Jones & Bartlett., 2021). Fluoxetine; Increased risk of serious bleeding (Jones & Bartlett., 2021). Cardizem (antihypertensive): Increases antihypertensive effects which can cause hypotension (Jones & Bartlett., 2021).
Lifestyle interactions:	Alcohol use while taking hydrochlorothiazide can possibly cause orthostatic hypotension (Capriotti., 2020).

(Daily tobacco use, alcohol, drugs, etc.)	
Does any of the client's past medical history contradict the use of this medication?	The patient does not have a past medical history that would contraindicate 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)	This patient has a medical history of hypertension, this medication indication for use is to manage hypertension (Jones & Bartlett., 2021).
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Advise the client to weigh herself at the same time each day wearing the same amount of clothing and notify the provider if she gains more than 2lbs per day or 5lbs. per week (Jones & Bartlett., 2021). 2. Instruct the patient to eat potassium-rich foods such as bananas, citrus fruits, and tomatoes to prevent hypokalemia (Jones & Bartlett., 2021).
How much would medication cost per month if paying out of pocket?	This medication would cost the patient \$04.56 each month.

Drug #2	Drug Name (Generic) : Diltiazem Hydrochloride Drug Name (Trade): Cardizem Drug Class: Pharmacologic: Calcium Channel Blocker Therapeutic: Antihypertensive, antiarrhythmic, antianginal
How is the medication taken: (include dose, route, and frequency)	25mg PO daily
Specific Directions not included above:	Capsules and extended-release tablets must be swallowed whole, do not chew or crush medications (Pennington, G.F. S., 2020).
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	This drug does not interact with any of the patient's current medications.
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	None
Does any of the client's past medical history	None

contradict 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)	The patient has a medical history of Hypertension, which is an indication for use of this medication (Jones & Bartlett., 2021).
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Teach patients that stopping the medication abruptly may have life-threatening effects (Jones & Bartlett., 2021). 2. Teach patients to notify the provider immediately if chest pain, difficulty breathing, dizziness, fainting, irregular heartbeat, rashes, or swollen ankles occur (Jones & Bartlett., 2021).
How much would medication cost per month if paying out of pocket?	This medication will cost the patient \$9.76 per month.
Drug #3	Drug Name (Generic): Fluoxetine Drug Name (Trade): Prozac

	Drug Class: Selective serotonin reuptake inhibitor (Jones & Bartlett Learning., 2021).
How is the medication taken: (include dose, route, and frequency)	40 mg twice daily by mouth
Specific Directions not included above:	The patient needs to take this medication at the same time every day (Jones & Bartlett Learning., 2021).
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	Taking this medication with Toradol can cause increased anticoagulant activity with a risk of bleeding (Jones & Bartlett Learning., 2021).
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Alcohol use with this medication can cause decreased effectiveness of the medication (Jones & Bartlett Learning., 2021).
Does any of the client's past medical history contradict the use of this medication?	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	The indication for this medication is the client's past diagnosis of depression (Jones & Bartlett., 2021).

history, please list potential indications for use of the medication in general)	
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Monitor for an increase in bleeding while on this medication due to the interaction with Toradol (Jones & Bartlett Learning., 2021). 2. Refrain from drinking alcohol on this medication to prevent a decrease in the effectiveness of the medication (Jones & Bartlett Learning., 2021).
How much would medication cost per month if paying out of pocket?	\$26.75
Drug #4	Drug Name (Generic): pregabalin Drug Name (Trade): Lyrica Drug Class: Pharmacological: Gama-aminobutyric acid (GABA) Therapeutic: Analgesic, anticonvulsant

How is the medication taken: (include dose, route, and frequency)	100mg by mouth twice a day
Specific Directions not included above:	Avoid hazardous activities until you know how the drug affects you. (Jones & Bartlett., 2021)
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	None
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Alcohol use can cause additive effects on cognitive and gross motor function. (Jones & Bartlett., 2021)
Does any of the client's past medical history contradict the use of this medication?	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)	Fibromyalgia is the indication for use of this medication (Jones & Bartlett., 2021).

What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Warn against stopping pregabalin abruptly. When pregabalin is no longer needed, the dose should be tapered gradually over a minimum of one week before it is discontinued (Jones & Bartlett., 2021). 2. This drug may cause edema and weight gain (Jones & Bartlett., 2021).
How much would medication cost per month if paying out of pocket?	\$383.60
Drug # 5	Drug Name (Generic): rivastigmine Drug Name (Trade): Exelon Drug Class: Pharmacologic class: Cholinesterase inhibitor Therapeutic class: Antidementia
How is the medication taken: (include dose, route, and frequency)	13.3mg patch transdermal–1 patch every 24 hours
Specific Directions not included above:	Remove the old patch before placing new patch, rotate sites. (Jones & Bartlett., 2021)
Does this medication interact with any other medication(s) on this list? (see rubric for further	None

instruction)	
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	None
Does any of the client's past medical history contradict the use of this medication?	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)	Dementia is the indication of use for this medication.
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Explain to patient and family that rivastigmine can't cure Alzheimer's or Parkinson's disease but may slow the progressive deterioration of memory and improve the patient's ability to perform activities of daily living. (Jones & Bartlett., 2021) 2. Apply the patch to clean, dry, hairless, intact skin in a location, such as the back, that won't be rubbed by tight clothing and won't be affected by cream, lotion, or powder.

	(Jones & Bartlett., 2021)
How much would medication cost per month if paying out of pocket?	\$484.41
Drug # 6	Drug Name (Generic): Latanoprost Drug Name (Trade): Xalatan Drug Class: Pharmacological class: Prostaglandin Therapeutic class: Antiglaucoma
How is the medication taken: (include dose, route, and frequency)	1 drop in each eye every day
Specific Directions not included above:	Take this medication at bedtime (Pennington, G.F. S., 2020).
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	None

Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	None
Does any of the client's past medical history contradict the use of this medication?	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)	Glaucoma is the indication of use for this medication (Jones & Bartlett., 2021).
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. After placing a drop in the eye, close your eye, and use your finger to press lightly by the corner of your eye by your nose for 1 minute. This will help make sure your eye absorbs the drop (Pennington, G.F. S., 2020). 2. Wash your hands prior to applying drop. Do not let the dropper tip touch, the eyes, hands, or any other surface. This will help prevent infection (Pennington, G.F. S., 2020).

How much would medication cost per month if paying out of pocket?	\$45.37
Drug # 7	Drug Name (Generic): Ketorolac Drug Name (Trade): Toradol Drug Class: NSAID
How is the medication taken: (include dose, route, and frequency)	20 mg by mouth every 4 to 6 hours as needed for increased pain
Specific Directions not included above:	None
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	Taking this medication with hydrochlorothiazide can cause reduced effects of thiazide diuretics (Jones & Bartlett Learning., 2021). Taking this medication with fluoxetine may cause an increased risk of serious bleeding (Jones & Bartlett., 2021).
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Alcohol use is contraindicated in ketorolac for an increased risk of adverse gastrointestinal effects (Jones & Bartlett Learning., 2021).
Does any of the client's past medical history	None

contradict 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)	The indication for this medication is any new severe pain the client may experience.
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Monitor for increased bleeding due to the interaction with fluoxetine (Jones & Bartlett Learning., 2021). 2. Monitor the effectiveness of thiazide diuretic hydrochlorothiazide due to the interaction with this medication (Jones & Bartlett Learning., 2021).
How much would medication cost per month if paying out of pocket?	\$32.67
Drug # 8	Drug Name (Generic): Acetaminophen Drug Name (Trade): Tylenol Drug Class: Nonsalicylate, paraaminophenol derivative (Vallerand, A. H., & Sanoski, C. A.,

	2021).
How is the medication taken: (include dose, route, and frequency)	500 mg by mouth every 4 to 6 hours for pain as needed
Specific Directions not included above:	None
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	Taking this medication with ketorolac may cause an increase in the therapeutic effects of acetaminophen (Vallerand, A. H., & Sanoski, C. A., 2021).
Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Alcohol use with this medication causes an increased risk of hepatotoxicity (Vallerand, A. H., & Sanoski, C. A., 2021).
Does any of the client's past medical history contradict the use of this medication?	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	The indication for this medication would be mild to moderate pain associated with osteoarthritis (Pennington, G.F. S., 2020).

medication in general)	
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Monitor for increased effectiveness of ketorolac (Vallerand, A. H., & Sanoski, C. A., 2021). 2. Do not exceed 3,000 mg every 24 hours (Vallerand, A. H., & Sanoski, C. A., 2021).
How much would medication cost per month if paying out of pocket?	\$3.97
Drug # 9	Drug Name (Generic): Calcium with Vitamin D Drug Name (Trade): Citracal Drug Class: Calcium salts (Vallerand, A. H., & Sanoski, C. A., 2021).
How is the medication taken: (include dose, route, and frequency)	1200 mg by mouth daily
Specific Directions not included above:	Take this medication with a meal (Vallerand, A. H., & Sanoski, C. A., 2021).
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	Taking this medication with hydrochlorothiazide may cause hypercalcemia (Vallerand, A. H., & Sanoski, C. A., 2021).

Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)	Caffeine and high fiber foods may cause decreased calcium absorption (Vallerand, A. H., & Sanoski, C. A., 2021). Alcohol use and smoking may cause decreased calcium absorption (Vallerand, A. H., & Sanoski, C. A., 2021).
Does any of the client's past medical history contradict the use of this medication?	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)	The indication for this medication would be the client's diagnosis of osteoarthritis.
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Monitor for symptoms of hypercalcemia due to the interaction with hydrochlorothiazide (Vallerand, A. H., & Sanoski, C. A., 2021).

	2. Decrease intake amounts of caffeine and high fiber foods due to the possibility of decreased calcium absorption (Vallerand, A. H., & Sanoski, C. A., 2021).
How much would medication cost per month if paying out of pocket?	\$10.73
Drug # 10	Drug Name (Generic): Multi-Vitamin Drug Name (Trade): Folgard Drug Class: Folic acid and derivatives (Folgard RX, 2021).
How is the medication taken: (include dose, route, and frequency)	1 tablet by mouth daily
Specific Directions not included above:	It may prevent stomach upset to take this medication with food (Folgard RX, 2021)
Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)	None
Lifestyle interactions:	Alcohol use with this medication may make the patient drowsy (Folgard RX, 2021).

(Daily tobacco use, alcohol, drugs, etc.)	Marijuana use with this medication may make the patient drowsy (Folgard RX, 2021).
Does any of the client's past medical history contradict the use of this medication?	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)	The indication for this medication would be the client's diagnosis of dementia.
What would you teach the client about taking this medication? You must prioritize 2 (see rubric)	1. Monitor for stomach upset while taking this medication. If any stomach upset does occur, consider taking this medication with food (Folgard RX, 2021). 2. Drinking alcohol or consuming marijuana while taking this medication may cause increased drowsiness (Folgard RX, 2021).
How much would medication cost per month if paying out of pocket?	\$19.44

Is there anything about this medication regimen scenario that might indicate a potential difficulty in maintaining compliance with the orders as listed? The client does have a past medical history of dementia that can cause heightened difficulty in maintaining compliance. Although, the client does live in an assisted living facility dementia can cause irritation and confusion that may divert the client away from taking all of the prescribed medications. The client also has a past medical diagnosis of depression which can cause more difficulty in compliance with the medication regimen. Depression may cause the client to feel hopeless and the client may no longer wish to take the medication as ordered by the doctor.

Is there anything about this medication regimen scenario that might assist the client in maintaining the medication regimen as ordered? The client does live in an assisted living facility which will assist in maintaining the medication regimen. The assisted living facility will allow the nurses to dispense medications as ordered by the provider so the client does not have any confusion while taking the medications. The nurses within the facility will also be able to answer any questions the client may have which will benefit the client because many older adults do not have that option and must maintain compliance on their own. The client also has a daughter that comes and visits regularly with daily needs. This will assist the client with compliance because seeing a familiar face of a loved one every day will help with the client's depression.

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

The patient is taking fluoxetine and Toradol which is an NSAID, the use of these medications together increases the patient's risk for anticoagulant activity, which would cause potential bleeding risk (Jones & Bartlett, 2021). I would ask the provider to consider prescribing the client a different SSRI or a non-NSAID pain medication. I would also ask the doctor for routine lab values to monitor the patient's CBC, Liver enzymes, and kidney functions. I would recommend the routine lab values due to the number of drugs the patient is taking on a regular basis, as well as her older age.

What would the patients monthly out of pocket expense for all 10 medications? (Total Cost for all 10 meds)? On average for all ten medications, the patient will pay around one thousand twenty-one dollars and twenty-six cents without insurance every month.

Reflective Statement of Experience: While completing the project the group realized how many medications can interact with each other and cause complications during therapy. Especially in older adults interactions with several medications is important to be aware of during therapy because they can cause multiple effects such as decreasing effects of certain medications and heightened adverse

effects. Reflecting upon this assignment has made the group more aware of interactions between several medications and has made the group realize how tedious medications regimens in older adults can be while treating several different disorders.

References

Capriotti, T. M. (2020). *Davis Advantage for Pathophysiology Introductory Concepts and Clinical Perspectives*. [CoursePoint].

Retrieved from <https://coursepoint.vitalsource.com/#/books/9781719641470/>

Folgard RX. (2021, May 31). Drugs.com. Retrieved from <https://www.drugs.com/cdi/folgard-rx.html>

Jones & Bartlett Learning. (2021). Nurse's drug handbook. (12th edition).

Pennington, G.F. S. (2020). *Lippincott CoursePoint Enhanced for Frandsen: Abrams' Clinical Drug Therapy*. [CoursePoint].

Retrieved from <https://coursepoint.vitalsource.com/#/books/9781975155766/>

Vallerand, A. H., & Sanoski, C. A. (2021). *Davis's drug guide for Nurses*. F.A. Davis Company

N322 Polypharmacy Grading Rubric

Criteria	Excellent 40 points	Acceptable 31-39 points	Unacceptable 0-30 points	Points Earned
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Each drug should have a completed breakdown within the tables provided, which includes the following: ● 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
Specific Directions not included above: ● Is there any type of medication on the patient list that have specific directions? (before bed, before breakfast, 30 minutes before meals, etc..)	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
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? ● Do any of the medications interact with each other? (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)	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

Criteria	Excellent 5 points	Acceptable 4 points		Unacceptable 0 -3 points	Points Earned
Lifestyle interactions: ● What lifestyle factors counteract with the medications? (tobacco user, ETOH use – 3 beers daily)	Student showed knowledge why lifestyle would counteract with medications	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)	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)	___/5	

Criteria	Excellent 10 points	Average 8-9	Unacceptable 0-7 points	Points Earned
● Does any of the client's past medical history contradict the use of this medication?	Student showed knowledge why the client's past medical history would contradict the use of the medication(s).	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)	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)	___/10
Criteria	Excellent 10 points	Acceptable 8-9 points	Unacceptable 0-7 points	Points Earned
● 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? ● 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 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)	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
Criteria	Excellent 10 points	Acceptable 8-9 points	Unacceptable 0-7 points	Points Earned
Is there anything about this medication regimen/	Student had knowledge on why a patient would have difficulty with	The student indicated some potential reasons that the	Student failed to answer the question OR the student	___/10

scenario that might indicate a potential difficulty in maintaining compliance with the orders as listed? ● Why would the patient have difficulty maintaining the medication regiment? (Please consider all factors in the scenario and all information provided within your chart – including cost, insurance, frequency of administration, etc)	medication regiment	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)	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)	
Criteria	Excellent 10 points	Acceptable 8-9 points	Unacceptable 0-7 points	Points Earned
Is there anything about this medication regimen/ scenario that might assist the client in maintaining the medication regimen as ordered? ● What factors are present to remain compliant?	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

(Please consider all factors in the scenario and all information provided within your chart – including cost, insurance, frequency of administration, etc.				
Criteria	Excellent 10 points	Acceptable 8-9 points	Unacceptable 0 points	Points Earned
● 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?	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 for each medication, with the total cost being worth 5 points)	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)	___/15
Criteria	Excellent 20 points	Acceptable 16-19 points	Unacceptable 0-15 points	Points Earned
The student must appropriately format the	The document included a title page, the rubric, the client	The document did not meet all of the criteria for	The document did not meet all of the criteria for formatting/	___/20

paper and include all of the following: ● 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	scenario, a reference page which included five references that were cited within the document. APA formatting was consistent with the APA manual.	formatting/ referencing. See “criteria” to the left for further breakdown.	referencing. See “criteria” to the left for further breakdown.	
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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
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) Elaborate on this, explaining why you feel it should be addressed, why it is priority and provide evidence behind your presentation.	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
● Reflective statement of experience should include the following: -insight into the project itself (a specific example within the project and its implications) -A basic understanding of polypharmacy -A reflection on this student nurses role in this scenario as a client advocate/educator/caregiver	The students provided reflection showed good insight into the project itself, polypharmacy, and the nurses role in client advocacy	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 as a client advocate/educator/caregiver	Student failed to reflect on their project OR the student addressed only of the topics of reflection	___/10
Total Points				___/200