

Polypharmacy Project

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N322 Introduction to Pharmacology

Lakeview College of Nursing

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Background: Betty is an 87-year-old female. She resides at home alone. She has two children that are active participants in her care. They are able to visit her once a day. Betty Jane is alert and oriented. Her major struggles in her home environment are mainly due to her extensive limitations in range of motion to her upper extremities related to rheumatoid arthritis and history of a fractured right humerus. She recently visited the walk in clinic where you work and was diagnosed with a urinary tract infection. You are the nurse in charge of calling in her antibiotic to the pharmacy. Betty does not drink alcohol, smoke, or do illicit drugs.

Insurance: She has both Medicare and Medicaid coverage.

Allergies: None

Diet: No added salt

Medical diagnosis: Rheumatoid arthritis, GERD, atrial fibrillation, and hypertension.

Current medications include the following:

Lisinopril 5 mg po daily

Hydroxychloroquine 300 mg by mouth twice a day

Jantoven 7.5 mg po daily

Percocet 5/325 mg Q12 hours PRN

Lasix 10 mg by mouth twice daily

Omeprazole 20mg po daily

AZO Cranberry tablet 500 mg po twice daily

Multivitamin with minerals one tablet po daily

Acetaminophen 650 mg po Q6H PRN

Bactrim 400/80 po every 12 hours X 10 days

<b>Drug #1</b>	<b>Drug Name (Generic):</b> prinivil, qbreilis, zestril <b>Drug Name (Trade):</b> Lisinopril <b>Drug Class:</b> ACE Inhibitor
<b>How is the medication taken: (include dose, route, and frequency)</b>	5 mg, PO, Daily
<b>Specific Directions not included above:</b>	Take this drug without food (Jones & Bartlett, 2019).
<b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b>	Lasix: Taking these two medications together could impair kidney function and cause hypotension (Jones, 2021).
<b>Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)</b>	Betty does not drink alcohol, smoke, or do illicit drugs.
<b>Does any of the client's past medical history contradict the use of this medication?</b>	This medication may cause an increase in BUN and creatinine levels and should be used cautiously in patients with renal impairment. Although the patient does not have a history of renal impairment, she currently has a UTI so this should be taken into consideration (Jones, 2021).

<p><b>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)</b></p>	<p>Hypertension (Jones, 2021).</p>
<p><b>What would you teach the client about taking this medication? You must prioritize 2 (see rubric)</b></p>	<ol style="list-style-type: none"> <li>1. Tell the patient that light-headedness can occur, especially during the first few days of therapy. The patient should rise slowly to minimize this effect.</li> <li>2. If unpleasant adverse reactions occur, tell the patient not to stop the drug suddenly but to notify the prescriber.</li> </ol> <p>(Jones, 2021).</p>
<p><b>How much would medication cost per month if paying out of pocket?</b></p>	<p>\$13.68 per month (<i>GoodRX</i>)</p>

<p><b>Drug #2</b></p>	<p><b>Drug Name (Generic):</b> Plaquenil</p> <p><b>Drug Name (Trade):</b> Hydroxychloroquine sulfate</p> <p><b>Drug Class:</b> Aminoquinolines</p>
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<b>How is the medication taken: (include dose, route, and frequency)</b>	300 mg PO twice a day
<b>Specific Directions not included above:</b>	Give the drug with food or milk to minimize GI upset. Do not crush or break film-coated tablets. Take immediately before or after a meal on the same day each week (Jones, 2021).
<b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b>	This drug does not have any interactions with any of her other medications (Jones, 2021).
<b>Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc. )</b>	Betty does not drink alcohol, smoke, or do illicit drugs.
<b>Does any of the client's past medical history contradict the use of this medication?</b>	None of the patient's past medical history contradicts the use of this medication.
<b>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)</b>	This medication is used for her rheumatoid arthritis. It can help relieve inflammation, swelling, and stiffness in the joints (Jones, 2021).

<b>What would you teach the client about taking this medication? You must prioritize 2 (see rubric)</b>	<ol style="list-style-type: none"> <li>1. Tell the patient that dizziness may occur and use caution while driving.</li> <li>2. Instruct the patient to take the drug immediately before or after a meal on the same day each week, to improve compliance.</li> </ol> <p>(Jones, 2021)</p>
<b>How much would medication cost per month if paying out of pocket?</b>	\$106.84 per month ( <i>GoodRx</i> )
<b>Drug #3</b>	<p><b>Drug Name (Generic):</b> Warfarin</p> <p><b>Drug Name (Trade):</b> Jantoven</p> <p><b>Drug Class:</b> Coumarin derivatives</p>
<b>How is the medication taken: (include dose, route, and frequency)</b>	7.5 mg PO daily
<b>Specific Directions not included above:</b>	Give this drug at the same time daily as prescribed (Jones, 2021) .
<b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b>	<p>This drug interacts with the use of acetaminophen, omeprazole, and bactrim.</p> <p>Acetaminophen: Risk for bleeding</p> <p>Omeprazole: Increased risk for bleeding</p> <p>Bactrim: Increased risk of bleeding</p>

	(Jones, 2021)
<b>Lifestyle interactions:</b> <b>(Daily tobacco use, alcohol, drugs, etc. )</b>	Betty does not drink alcohol, smoke, or do illicit drugs.
<b>Does any of the client's past medical history contradict the use of this medication?</b>	This drug should be used cautiously in this patient due to her hypertension (Jones, 2021).
<b>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)</b>	The drug is used for the patient's history of atrial fibrillation (Jones, 2021).
<b>What would you teach the client about taking this medication? You must prioritize 2 (see rubric)</b>	<ol style="list-style-type: none"> <li>1. Avoid taking OTC products such as aspirin.</li> <li>2. Implement bleeding precautions and watch for signs and symptoms of bleeding or bruising.</li> </ol> <p>(Jones, 2021)</p>
<b>How much would medication cost per month if paying out of pocket?</b>	\$18.83 per month ( <i>GoodRX</i> )

<b>Drug #4</b>	<b>Drug Name (Generic):</b> Oxycodone/ acetaminophen <b>Drug Name (Trade):</b> Percocet <b>Drug Class:</b> Opioid analgesics
<b>How is the medication taken: (include dose, route, and frequency)</b>	5/325 mg Q12 hours PRN
<b>Specific Directions not included above:</b>	Store at room temperature. Do not crush, split, dissolve, break, or chew the tablets (Jones, 2021).
<b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b>	Tylenol: risk of liver damage due to possibly exceeding the daily recommended dosage (Jones, 2021).
<b>Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc. )</b>	Patient does not drink alcohol, smoke, or do illicit drugs.
<b>Does any of the client's past medical history contradict the use of this medication?</b>	The client does not have any past medical history that contradicts the use of this medication
<b>What is the indication for use of this medication based on the client's past medical history? (If unable</b>	This drug is used for the patient's history of extensive range of motion limitation and pain associated with rheumatoid arthritis (Jones, 2021).

<p><b>to determine an indication based on past medical history, please list potential indications for use of the medication in general)</b></p>	
<p><b>What would you teach the client about taking this medication? You must prioritize 2 (see rubric)</b></p>	<ol style="list-style-type: none"> <li>1. Risk of respiratory depression</li> <li>2. Change positions slowly due to possible orthostatic hypotension</li> </ol> <p>(Jones, 2021)</p>
<p><b>How much would medication cost per month if paying out of pocket?</b></p>	<p>\$8.85 per month (<i>GoodRX</i>)</p>
<p><b>Drug # 5</b></p>	<p><b>Drug Name (Generic):</b> Furosemide</p> <p><b>Drug Name (Trade):</b> Lasix</p> <p><b>Drug Class:</b> Antihypertensives</p>
<p><b>How is the medication taken: (include dose, route, and frequency)</b></p>	<p>10 mg, PO, twice daily</p>
<p><b>Specific Directions not included above:</b></p>	<p>Betty should take the medication at the same time each day to maintain therapeutic effects</p> <p>(Jones, 2021).</p>

	<p>Take it as prescribed even if she feels well. Take the last dose of the medication several hours before bedtime to avoid sleep interruption from diuresis (Jones, 2021).</p> <p>Take the medication with food or milk to minimize GI distress (Jones, 2021).</p>
<p><b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b></p>	<p>Lisinopril, acetaminophen</p> <p>Lisinopril: may cause hypotension and deterioration in renal function</p> <p>Acetaminophen: Possible increased BUN, creatinine, and potassium levels. May also cause weight gain.</p> <p>(Jones, 2021)</p>
<p><b>Lifestyle interactions:</b> <b>(Daily tobacco use, alcohol, drugs, etc. )</b></p>	<p>Betty does not drink alcohol, smoke, or do illicit drugs.</p> <p>The interactions include alcoholic beverages (Jones, 2021).</p>
<p><b>Does any of the client's past medical history contradict the use of this medication?</b></p>	<p>None of the patient's past medical history contradicts the use of this medication.</p>
<p><b>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</b></p>	<p>To manage hypertension (Jones, 2021).</p>

<b>history, please list potential indications for use of the medication in general)</b>	
<b>What would you teach the client about taking this medication? You must prioritize 2 (see rubric)</b>	<ol style="list-style-type: none"> <li>1. Eat more potassium rich foods to prevent hypokalemia and to take a potassium supplement as well.</li> <li>2. Notify the provider about persistent nausea, vomiting, and diarrhea because it may cause dehydration.</li> </ol> <p>(Jones, 2021)</p>
<b>How much would medication cost per month if paying out of pocket?</b>	\$7.36 per month ( <i>GoodRX</i> )
<b>Drug # 6</b>	<p><b>Drug Name (Generic):</b> Losec</p> <p><b>Drug Name (Trade):</b> Omeprazole</p> <p><b>Drug Class:</b> Antiulcer drugs</p>
<b>How is the medication taken: (include dose, route, and frequency)</b>	20 mg, PO, daily
<b>Specific Directions not included above:</b>	Take the medication before eating or before breakfast and swallow the tablets whole (Jones, 2021).

	<p>If needed, Betty can sprinkle contents of the capsule onto 1 tablespoon of applesauce and swallow immediately without chewing pellets. Follow with a glass of cool water and do not leave any leftover mixture (Jones, 2021).</p>
<p><b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b></p>	<p>This drug interacts with warfarin.          Warfarin: Increased risk of bleeding          (Jones, 2021)</p>
<p><b>Lifestyle interactions:          (Daily tobacco use, alcohol, drugs, etc. )</b></p>	<p>Betty does not drink alcohol, smoke, or do illicit drugs.          The interactions include alcohol, aspirin products, and ibuprofen (Jones, 2021).</p>
<p><b>Does any of the client's past medical history contradict the use of this medication?</b></p>	<p>None of the patient's past medical history contradicts the use of this medication.</p>
<p><b>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)</b></p>	<p>To treat GERD (Jones, 2021).</p>

<b>What would you teach the client about taking this medication? You must prioritize 2 (see rubric)</b>	<ol style="list-style-type: none"> <li>1. Notify the provider immediately about abdominal pain or diarrhea. Stop taking the medication if a rash or joint pain occurs.</li> <li>2. Inform all prescribers of omeprazole therapy</li> </ol> <p>(Jones, 2021)</p>
<b>How much would medication cost per month if paying out of pocket?</b>	\$20.29 per month ( <i>GoodRX</i> )
<b>Drug # 7</b>	<p><b>Drug Name (Generic):</b> phenazopyridine</p> <p><b>Drug Name (Trade):</b> AZO Cranberry tablet</p> <p><b>Drug Class:</b> urinary tract analgesic</p>
<b>How is the medication taken: (include dose, route, and frequency)</b>	500 mg, PO, twice daily
<b>Specific Directions not included above:</b>	Take with a full glass of water
<b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b>	This medication does not interact with any other medications
<b>Lifestyle interactions:</b>	The client does not smoke, consume alcohol, or partake in drug use.

<b>(Daily tobacco use, alcohol, drugs, etc. )</b>	
<b>Does any of the client's past medical history contradict the use of this medication?</b>	The client does not have any past medical history that contradicts the use of this medication
<b>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)</b>	Prevent further urinary tract infections and reduce urinary tract discomfort (Wilkins, 2020).
<b>What would you teach the client about taking this medication? You must prioritize 2 (see rubric)</b>	<ol style="list-style-type: none"> <li>1. Urine may appear bright orange</li> <li>2. Has no antimicrobial activity- contact provider if symptoms worsen</li> </ol> <p><i>(Davis's Drug Guide, 2022).</i></p>
<b>How much would medication cost per month if paying out of pocket?</b>	\$6.99 per month ( <i>GoodRX</i> )
<b>Drug # 8</b>	<p><b>Drug Name (Generic):</b> Multivitamin with minerals</p> <p><b>Drug Name (Trade):</b> One-A-Day, Multi-Day</p> <p><b>Drug Class:</b> Vitamin</p>

<b>How is the medication taken: (include dose, route, and frequency)</b>	One tablet, PO, daily
<b>Specific Directions not included above:</b>	Do not exceed the recommended dose (Jones & Bartlett, 2019).
<b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b>	This medication does not interact with any other medications
<b>Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc. )</b>	Client does not smoke, consume alcohol or partake in drug use.
<b>Does any of the client's past medical history contradict the use of this medication?</b>	The client does not have any past medical history that contradicts the use of this medication.
<b>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)</b>	Prevention of decrease in symptoms of vitamin deficiencies and increasing bone strength due to a history of arthritis and fractures (Wilkins, 2020).

<b>What would you teach the client about taking this medication? You must prioritize 2 (see rubric)</b>	<ol style="list-style-type: none"> <li>1. Eat a well balanced diet</li> <li>2. Urine may be discolored due to B vitamins</li> </ol> <p><i>(Davis's Drug Guide, 2022).</i></p>
<b>How much would medication cost per month if paying out of pocket?</b>	\$7.69 per month ( <i>GoodRX</i> )
<b>Drug # 9</b>	<p><b>Drug Name (Generic):</b>Acetaminophen</p> <p><b>Drug Name (Trade):</b> Tylenol</p> <p><b>Drug Class:</b> Analgesics</p>
<b>How is the medication taken: (include dose, route, and frequency)</b>	650 mg, PO, Q6H PRN
<b>Specific Directions not included above:</b>	Do not exceed the recommended dosage or take other medications containing acetaminophen at the same time because of risk of liver damage (Jones & Bartlett, 2019).
<b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b>	<p>Warfarin: possibly increased international normalized ratio</p> <p>Percocet: possible hepatotoxicity due to acetaminophen in percocet</p>

	Lasix: Possible increased BUN, creatinine, and potassium levels. May also cause weight gain (Wilkins, 2020).
<b>Lifestyle interactions:</b> <b>(Daily tobacco use, alcohol, drugs, etc. )</b>	Client does not smoke, consume alcohol or partake in drug use.
<b>Does any of the client's past medical history contradict the use of this medication?</b>	The client does not have any past medical history that contradicts the use of this medication.
<b>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)</b>	Pain associated with arthritis (Wilkins, 2020).
<b>What would you teach the client about taking this medication? You must prioritize 2 (see rubric)</b>	<ol style="list-style-type: none"> <li>1. Follow dosage guidelines precisely</li> <li>2. Recognize the signs of hepatotoxicity (bleeding, easy bruising, or malaise)</li> </ol> <p>(Jones &amp; Bartlett, 2019).</p>
<b>How much would medication cost per month if paying out of pocket?</b>	\$6.56 per month ( <i>GoodRX</i> ).

<b>Drug # 10</b>	<b>Drug Name (Generic):</b> Trimethoprim/Sulfamethoxazole <b>Drug Name (Trade):</b> Bactrim 400/80 <b>Drug Class:</b> Folate synthesis inhibitor
<b>How is the medication taken: (include dose, route, and frequency)</b>	400/80 PO every 12 hours X 10 days
<b>Specific Directions not included above:</b>	Take on an empty stomach to enhance absorption but can take this medication with food or milk if GI upset occurs (Jones & Bartlett, 2019).
<b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b>	This medication does interact with warfarin and could potentially increase the risk for bleeding. Also, renal function should be monitored due to multiple medications used concurrently being metabolized in the kidneys (Jones & Bartlett, 2019).
<b>Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc. )</b>	The client does not smoke, consume alcohol or partake in drug use.
<b>Does any of the client's past medical history contradict the use of this medication?</b>	The client does not have any past medical history that contradicts the use of this medication.
<b>What is the indication for use of this medication based on the client's past medical history? (If unable</b>	This client is taking this medication due to her current urinary tract infection diagnosis.

<b>to determine an indication based on past medical history, please list potential indications for use of the medication in general)</b>	
<b>What would you teach the client about taking this medication? You must prioritize 2 (see rubric)</b>	<ol style="list-style-type: none"> <li>1. Take the entire course of medication, as prescribed even if feeling better.</li> <li>2. Take the drug with food or milk if GI stress occurs</li> </ol> <p>(Jones &amp; Bartlett, 2019).</p>
<b>How much would medication cost per month if paying out of pocket?</b>	\$10.13 per month ( <i>GoodRX</i> )

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

The patient has a limited range of motion in the upper extremities and rheumatoid arthritis which may affect opening medication bottles and picking up medications when her children are not there. Medication compliance may be affected for medication that is prescribed to be taken more than one time per day. Since the patient is also elderly, it is important to make sure she takes her

medication on time and within the prescribed amount. It would be best for the patient to utilize a reminder system to ensure she is taking the right medication.

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

The patient has an active support system that can help the patient maintain medication compliance.

**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)**

I would ask the prescriber if there was another possible medication besides warfarin that the patient could take for her atrial fibrillation. There are many drug-drug interactions between warfarin and her other medications. I would also ask the prescriber to monitor kidney function due to multiple medications being used that are metabolized in the kidneys.

**What would the patient's monthly out-of-pocket expense for all 10 medications? (Total Cost for all 10 meds)?**

The out-of-pocket total would be \$207.22.

**Reflective Statement of Experience:**

This project is eye-opening to the expense of medications. While researching the cost of each medication on GoodRX, the prices varied based on what store the patient would be picking up the medication from. In some cases, the patient may be on a fixed income or have very limited options in terms of where they can pick up their medication. These factors can affect medication compliance and overall patient health.

#### References

Jones & Bartlett Learning. (2019). *2018 Nurse's Drug Handbook*.

Jones, D.W. (2021). *Nurse's drug handbook*. (A. Bartlett, Ed.) (20th ed.). Jones & Bartlett Learning.

Multiple Vitamins. (2022). *Davis's Drug Guide*.

*Prescription prices, Coupons & pharmacy information*. (2022). *GoodRx.com*

Wilkins, W. L. (2020). *Nursing 2021 Drug Handbook (Nursing Drug Handbook)* (Forty-First ed.). LWW.

## 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"> <li>● Drug class</li> <li>● Generic name</li> <li>● Trade name</li> <li>● How is the medication taken (include dose, route, frequency)</li> </ul>	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"> <li>Is there any type of medication on the patient list that have specific directions?</li> </ul> <p>(before bed, before breakfast, 30 minutes before meals, etc..)</p>	<p>All key components were addressed within the paper.</p>	<p>The student did list some of the medications that required specific directions, however some of the medications included specific directions that were not addressed and/or were inaccurate. (For each medication this question is worth one point)</p>	<p>Student failed to answer the questions and/or the answers were inaccurate. (For each medication this question is worth one point)</p>	<p>___/10</p>
<p><b>Criteria</b></p>	<p><b>Excellent 0 points</b></p>	<p><b>Acceptable 16-19</b></p>	<p><b>Unacceptable 0-15 points</b></p>	<p><b>Points Earned</b></p>
<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"> <li>Do any of the medications interact with each other?</li> </ul> <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</p>	<p>All medications reviewed and student explained medication interactions.</p>	<p>The student did list some of the potential interactions of the medication(s), but failed to address all potential interactions that are serious and/or need close monitoring. (for each medication listed this question is worth two points)</p>	<p>Student failed to answer question and/or The student did list some of the potential interactions of the medication(s), but failed to address all potential interactions that are serious and/or need close monitoring. (for each medication listed this question is worth two points)</p>	<p>___/20</p>

when considering each medication)				
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Criteria	Excellent 5 points	Acceptable 4 points	Unacceptable 0 -3 points	Points Earned
Lifestyle interactions: <ul style="list-style-type: none"> <li>What lifestyle factors counteract with the medications?</li> </ul> (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

<ul style="list-style-type: none"> <li>Does any of the client's past medical history contradict the use of this medication?</li> </ul>	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
<b>Criteria</b>	<b>Excellent 10 points</b>	<b>Acceptable 8-9 points</b>	<b>Unacceptable 0-7 points</b>	<b>Points Earned</b>
<ul style="list-style-type: none"> <li>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)</li> </ul>	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
<b>Criteria</b>	<b>Excellent 20 points</b>	<b>Acceptable 16-19 points</b>	<b>Unacceptable 0-15 points</b>	<b>Points Earned</b>
<p>What would you teach the client about taking this medication?</p> <ul style="list-style-type: none"> <li>What education is needed for the medication? (For each medication</li> </ul>	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	___/20

<p>listed the student must prioritize two topics for client education)</p> <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>topic of education is worth one point)</p>	
<p><b>Criteria</b></p>	<p><b>Excellent 10 points</b></p>	<p><b>Acceptable 8-9 points</b></p>	<p><b>Unacceptable 0-7 points</b></p>	<p><b>Points Earned</b></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"> <li>• Why would the patient have difficulty maintaining the medication regiment?</li> </ul> <p>(Please consider all factors in the scenario and all information provided within your chart – including cost,</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>

insurance, frequency of 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"> <li>What factors are present to remain compliant?</li> </ul> <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"> <li>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)</li> <li>What would the client’s monthly out</li> </ul>	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

of pocket expense for all 10 medications?				
Criteria	Excellent 20 points	Acceptable 16-19 points	Unacceptable 0-15 points	Points Earned
<p>The student must appropriately format the paper and include all of the following:</p> <ul style="list-style-type: none"> <li>• 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)</li> <li>• The student provided a rubric attached for grading (3 points)</li> <li>• The student included the provided client scenario on page two of the document (2 points)</li> </ul>	<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>

<ul style="list-style-type: none"> <li>The paper included a minimum of five references which were cited within the document (each reference with one citation is worth 5 points)</li> </ul>				
Criteria	Excellent 20 points	Acceptable 16-19 points	Unacceptable 0-15 points	Points Earned
<p>What suggestions might you make to the prescriber and/or client (or questions you might ask the prescriber) to help this client scenario? (think about decreasing the potential for interaction(s) through medication reduction, other potential medications, diet changes, lifestyle changes, etc)</p> <p>Elaborate on this, explaining why you feel it should be addressed, why it is priority and provide evidence behind your presentation.</p>	<p>The student was able to identify one potential idea or question to present to the prescriber or client. This question showed evidence of good critical thinking.</p>	<p>The student was able to identify one potential idea or question to present to the prescriber or client, however there was a much higher priority question/suggestion/issue within the scenario that should have been addressed.</p>	<p>The student failed to answer the question OR the student answered the question, however the students answer was dangerously inaccurate.</p>	<p>___/20</p>
Criteria	Excellent 10 points	Acceptable 8-9 points	Unacceptable 0-7 points	Points Earned

<ul style="list-style-type: none"> <li>● 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</li> </ul>	<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 as a client advocate/educator/caregiver</p>	<p>Student failed to reflect on their project OR the student addressed only of the topics of reflection</p>	<p>___/10</p>
<p><b>Total Points</b></p>				<p>___/200</p>