

Polypharmacy Project

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N322 Introduction to Pharmacology

Lakeview College of Nursing

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

**Patient:** Victoria is an **84 year old female that lives on her own**. Her daughter does visit her one time a week – however, she lives 35 miles away and cannot visit more frequently due to her home and work commitments. **Victoria does have a home health care worker that visits once a day in the morning to assist with bathing, dressing, cooking breakfast, and taking her morning pills.**

Social History: Victoria has a history of **smoking cigarettes (1/2 pack per day for 40 years)**. She **quit smoking cigarettes 5 years ago** at the urging of her daughter, but does **occasionally use a vape pen. No history of alcohol or illicit drug use.**

**Medical hx:** hypertension, rheumatoid arthritis, and high cholesterol

**Wt 120 pounds Ht 5ft 2in**

**Allergies:** ASA (aspirin) , Latex, Shellfish

bendroflumethiazide 2.5 mg daily

Benazepril 10 mg by mouth daily

POLYPHARMACY

Simvastatin 40 mg at night

Methotrexate 20 mg once weekly on a Wednesday

Folic acid 5 mg daily except on Wednesday

Acetaminophen 1 g four times daily when needed.

trimethoprim 200 mg twice daily for 3 days for UTI (recent ED visit)

Ezetimibe 10 mg by mouth once daily

Xanax 1mg BID as needed

Zolpidem 10 mg at bedtime for sleep

<b>Drug #1</b>	<b>Drug Name (Generic):</b> bendroflumethiazide  <b>Drug Name (Trade):</b> Corgard  <b>Drug Class:</b> Nonselective Beta Blocker.
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<p><b>How is the medication taken: (include dose, route, and frequency)</b></p>	<p><b>Does:</b> 2.5mg</p> <p><b>Route:</b> PO</p> <p><b>Frequency:</b> Daily</p>
<p><b>Specific Directions not included above:</b></p>	<p>Do not skip a dose or stop using this medication abruptly (Multum, 2021). Store at room temperature away from moisture, heat, and light. Keep the bottle tightly closed when it is not in use (Multum, 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 has no interactions with any of the medications that are listed above.</p>
<p><b>Lifestyle interactions:</b> <b>(Daily tobacco use, alcohol, drugs, etc.)</b></p>	<p>Patient does not drink alcohol or do illicit drugs. Patient has a history of smoking cigarettes (½ pack per day for 40 years), and the patient did quit 5 years ago. Patient does occasionally use a vape pen. This medication does not interact with her lifestyle.</p>
<p><b>Does any of the client's past medical history contradict the use of this medication?</b></p>	<p>Patient has no past medical history that contradicts the use of this medication.</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>	Patient uses this medication to help with her diagnosis of hypertension (HTN) (Jones & Bartlett Learning, 2020).
<b>What would you teach the client about taking this medication?</b>	<ol style="list-style-type: none"><li>1. Caution the patient not to stop taking this medication abruptly or change the dose. Tell the patient to take a missed dose as soon as possible unless it's within 8 hours of the next scheduled dose (Jones &amp; Bartlett Learning, 2020).</li><li>2. Teach the patient how to take their radial pulse, and direct her to do so before each dose (Jones &amp; Bartlett Learning, 2020).</li></ol>
<b>How much would medication cost per month if paying out of pocket?</b>	\$125.46

<b>Drug #2</b>	<b>Drug Name (Generic):</b> alprazolam <b>Drug Name (Trade):</b> Xanax <b>Drug Class:</b> Benzodiazepine
<b>How is the medication taken: (include dose, route, and frequency)</b>	<b>Dose:</b> 1mg <b>Route:</b> PO <b>Frequency:</b> BID PRN
<b>Specific Directions not included above:</b>	Do not crush, chew, or break the tablet (Durbin, 2021). Do not stop without consulting your prescriber due to possible life-threatening withdrawal symptoms (Durbin, 2021).
<b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b>	Zolpidem + Alprazolam  Either increase the level of the other by added drug effects (WebMD, 2021). Combination increases risk of CNS depression (WebMD, 2021).
<b>Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)</b>	Patient does not drink alcohol or do illicit drugs. Patient has a history of smoking cigarettes (½ pack per day for 40 years), and the patient did quit 5 years ago. Patient does occasionally

	use a vape pen. This medication does not interact with her lifestyle choices.
<b>Does any of the client's past medical history contradict the use of this medication?</b>	Patient has no 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>	The patient potentially uses this medication to help control anxiety disorders, treat a panic disorder, relieve anxiety, or treat anxiety associated with depression (Jones & Bartlett Learning, 2020).
<b>What would you teach the client about taking this medication?</b>	<ol style="list-style-type: none"> <li>1. Instruct the patient to never increase the prescribed dose because there is a potential risk of dependence (Jones &amp; Bartlett Learning, 2020).</li> <li>2. Warn the patient not to stop taking the medication abruptly because withdrawal symptoms may occur (Jones &amp; Bartlett Learning, 2020).</li> </ol>
<b>How much would medication cost per month if paying out of pocket?</b>	\$148.94

<b>Drug #3</b>	<b>Drug Name (Generic):</b> folic acid  <b>Drug Name (Trade):</b> Folvite  <b>Drug Class:</b> Vitamin
<b>How is the medication taken: (include dose, route, and frequency)</b>	<b>Dose:</b> 5mg  <b>Route:</b> PO  <b>Frequency:</b> Daily with exception of Wednesdays.
<b>Specific Directions not included above:</b>	Take with a full glass of water (RxList, 2021).
<b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b>	Folic Acid + Methotrexate  Folic acid decreases effects of Methotrexate by opposing drug effects (WebMD, 2021).  Vitamins containing folic acid or its derivatives may decrease the effect of methotrexate (WebMD, 2021).

<b>Lifestyle interactions:</b>  <b>(Daily tobacco use, alcohol, drugs, etc.)</b>	Patient does not drink alcohol or do illicit drugs. Patient has a history of smoking cigarettes (½ pack per day for 40 years), and the patient did quit 5 years ago. Patient does occasionally use a vape pen. This medication does not interact with the patient's lifestyle.
<b>Does any of the client's past medical history contradict the use of this medication?</b>	Patient has no 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>	Patient uses this medication to help with her diagnosis of hypertension (HTN) (RxList, 2021).
<b>What would you teach the client about taking this medication?</b>	<ol style="list-style-type: none"><li>1. Inform the patient to speak to their doctor about taking this medication due to being on a medication for an infection (Entringer, 2021).</li><li>2. Do not double up on the dose if the patient misses a dose (Entringer, 2021).</li></ol>
<b>How much would medication cost per month if paying out of pocket?</b>	\$6.96

<b>Drug #4</b>	<b>Drug Name (Generic):</b> Simvastatin <b>Drug Name (Trade):</b> Zocor <b>Drug Class:</b> HMG-CoA reductase inhibitors
<b>How is the medication taken: (include dose, route, and frequency)</b>	<b>Dose:</b> 40mg <b>Route:</b> oral <b>Frequency:</b> daily in the evening
<b>Specific Directions not included above:</b>	Take it at bedtime or with an evening meal (Jones & Bartlett Learning, 2020). Do not stop taking this medication unless your prescriber tells you to do so (Jones & Bartlett Learning, 2020).
<b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b>	This has no interactions with any of the medications that are listed above.
<b>Lifestyle interactions:</b>	Patient does not drink alcohol or do illicit drugs. Patient has a history of smoking cigarettes

<b>(Daily tobacco use, alcohol, drugs, etc.)</b>	(½ pack per day for 40 years), and the patient did quit 5 years ago. Patient does occasionally use a vape pen. This medication does not interact with her lifestyle choices.
<b>Does any of the client's past medical history contradict the use of this medication?</b>	Patient has no 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>	Patient's uses this medication to help with her diagnoses of high cholesterol
<b>What would you teach the client about taking this medication?</b>	<p>Take this medication in the evening and follow a low-fat,cholesterol diet.</p> <p>Patients should notify the provider immediately if they experience any muscle pain, weakness, right upper abdominal discomfort, fatigue, dark urine and yellowing of the skin</p>

	(Jones & Bartlett Learning, 2020).
<b>How much would medication cost per month if paying out of pocket?</b>	\$11

<b>Drug #5</b>	<b>Drug Name (Generic):</b> trimethoprim <b>Drug Name (Trade):</b> Primsol <b>Drug Class:</b> Antibacterial Folate Antagonist
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<p><b>How is the medication taken: (include dose, route, and frequency)</b></p>	<p><b>Dose:</b> 200mg</p> <p><b>Route:</b> oral</p> <p><b>Frequency:</b> twice daily for 3 days</p>
<p><b>Specific Directions not included above:</b></p>	<p>Take medication with a full glass of water (8oz) (Jones &amp; Bartlett Learning, 2020).</p>
<p><b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b></p>	<p>Trimethoprim + Benazepril</p> <p>Combination of these two medications increases the risk of high potassium levels (WebMD, 2021).</p> <p>Bendroflumethiazide + Trimethoprim</p> <p>There may be an increased chance of low blood sodium (WebMD, 2021).</p>
<p><b>Lifestyle interactions:</b></p>	<p>Patient does not drink alcohol or do illicit drugs. Patient has a history of smoking cigarettes (½ pack per day for 40 years), and the patient did quit 5 years ago. Patient does occasionally use a</p>

<b>(Daily tobacco use, alcohol, drugs, etc.)</b>	vape pen. This medication does not interact with her lifestyle choices.
<b>Does any of the client's past medical history contradict the use of this medication?</b>	Patient has no 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>	Trimethoprim is an antibiotic that is used to treat bladder or kidney infections, or ear infections caused by certain bacteria (Jones & Bartlett Learning, 2020). Patient was diagnosed with Urinary Tract infection during her stay at the emergency room (Jones & Bartlett Learning, 2020).
<b>What would you teach the client about taking this medication?</b>	<p>Use sunscreen because skin may be more prone to sunburn (Jones &amp; Bartlett Learning, 2020).</p> <p>Increase fluid intake, drink 2-3 liters of water daily (Jones &amp; Bartlett Learning, 2020).</p> <p>Take only as directed by your doctor and do not share with anyone else as misuse can encourage the development of drug-resistant bacteria and reduce the effectiveness (Jones &amp; Bartlett Learning, 2020).</p>

<b>How much would medication cost per month if paying out of pocket?</b>	\$21.95

<b>Drug #6</b>	<p><b>Drug Name (Generic):</b> Zolpidem</p> <p><b>Drug Name (Trade):</b> Ambien</p> <p><b>Drug Class:</b> Imidazopyridine / Hypnotic</p>
<b>How is the medication taken: (include dose, route, and frequency)</b>	<p><b>Dose:</b> 10mg</p> <p><b>Route:</b> oral</p> <p><b>Frequency:</b> daily</p>
<b>Specific Directions not included above:</b>	Do not crush, chew, or break tablets (Sinha, 2021). Take the pill whole. Store at room temperature away from moisture and heat (Sinha, 2021). Do not freeze.
<b>Does this medication interact with any other medication(s) on this list? (see rubric for further</b>	<p>Zolpidem + Alprazolam</p> <p>Either increases the level of the other by adding drug effects (WebMD, 2021).</p>

<b>instruction)</b>	Combination increases risk of CNS (central nervous system) depression (WebMD, 2021).
<b>Lifestyle interactions:</b>  <b>(Daily tobacco use, alcohol, drugs, etc.)</b>	This medication does not interact with her lifestyle choices.
<b>Does any of the client's past medical history contradict the use of this medication?</b>	Patient has no 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>	This medication is used to provide short- term treatment of insomnia and treat insomnia when a middle of the night awakening occurs, and the patient cannot get back to sleep with more than four hours of sleep remaining before planned time of waking (Sinha, 2021).
<b>What would you teach the client about taking this medication?</b>	Take this medication exactly as prescribed and do not increase dosage (Sinha, 2021).  Notify the provider immediately after abdominal cramps, fatigue, flushing, inconsolable crying, light-headedness, nausea, nervousness, panic attack and vomiting (Sinha, 2021).
<b>How much would medication cost per month if paying out of pocket?</b>	\$18.45

<b>Drug #7</b>	<b>Drug Name (Generic):</b> methotrexate  <b>Drug Name (Trade):</b> Otrexup PFS  <b>Drug Class:</b> Antineoplastic
<b>How is the medication taken: (include dose, route, and frequency)</b>	<b>Dose:</b> 20mg  <b>Route:</b> PO  <b>Frequency:</b> Once a week, on Wednesday.
<b>Specific Directions not included above:</b>	You must use the correct dose.
<b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b>	Trimethoprim + Methotrexate  Either increases toxicity of the other by added drug effects (WebMD, 2021). But trimethoprim has shown to rarely increase bone marrow suppression in patients receiving

	<p>methotrexate (WebMD, 2021). This combination can also increase risk for anemia.</p> <p>Methotrexate + Acetaminophen</p> <p>Both drugs affect the liver if taken together the patient's risk for developing liver damage increases. Thus, placing the patient at risk for developing liver failure (WebMD, 2021).</p> <p>Folic Acid + Methotrexate</p> <p>Folic Acid decreases the effect of methotrexate by opposing drug effects (WebMD, 2021).</p>
<p><b>Lifestyle interactions:</b>  (Daily tobacco use, alcohol, drugs, etc.)</p>	<p>Patient does not drink alcohol or do illicit drugs. Patient has a history of smoking cigarettes (½ pack per day for 40 years), and the patient did quit 5 years ago. Patient does occasionally use a vape pen. This medication does not interact with the patient's lifestyle.</p>
<p><b>Does any of the client's past medical history contradict the use of this medication?</b></p>	<p>This medication does contradict with the patient's past medical history of Rheumatoid Arthritis (RA) (Jones &amp; Bartlett Learning, 2020).</p>
<p><b>What is the indication for use of this medication</b></p>	<p>The patient potentially uses this medication to help control severe psoriasis unresponsive to</p>

<b>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>	other therapy or to treat severe rheumatoid arthritis unresponsive to other therapy (Jones & Bartlett Learning, 2020).
<b>What would you teach the client about taking this medication?</b>	<ol style="list-style-type: none"> <li>1. Advise the patient to notify the provider about bruising, chills, cough, dark or bloody urine, fever, mouth sores, shortness of breath (SOB), sore throat, and yellow skin or eyes (Jones &amp; Bartlett Learning, 2020).</li> <li>2. Tell the patient to prepare a calendar of treatment days and emphasize the importance of following instructions exactly (Jones &amp; Bartlett Learning, 2020).</li> </ol>
<b>How much would medication cost per month if paying out of pocket?</b>	\$21.16

<b>Drug #8</b>	<p><b>Drug Name (Generic):</b> ezetimibe</p> <p><b>Drug Name (Trade):</b> Zetia</p> <p><b>Drug Class:</b> Antilipemic</p>
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<b>How is the medication taken: (include dose, route, and frequency)</b>	<b>Dose:</b> 10mg <b>Route:</b> PO <b>Frequency:</b> Daily
<b>Specific Directions not included above:</b>	If you miss a dose, use it as soon as you remember (WebMD, 2021). This medication should be stored at room temperature and away from moisture and sunlight (WebMD, 2021).
<b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b>	This has no interactions with any of the medications that are listed above.
<b>Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)</b>	Patient does not drink alcohol or do illicit drugs. Patient has a history of smoking cigarettes (½ pack per day for 40 years), and the patient did quit 5 years ago. Patient does occasionally use a vape pen. This medication does not interact with her lifestyle.
<b>Does any of the client's past medical history contradict the use of this medication?</b>	Patient has no past medical history that contradicts the use of this medication.
<b>What is the indication for use of this medication</b>	Patient uses this medication to help with her diagnosis of high cholesterol (Jones & Bartlett

<b>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>	Learning, 2020).
<b>What would you teach the client about taking this medication?</b>	<ol style="list-style-type: none"> <li>1. Tell the patient to take this medication either 2 hours before or at least 4 hours after it if the patient also takes a bile acid sequestrant to prevent drug interactions (Jones &amp; Bartlett Learning, 2020).</li> <li>2. Advise the patient to report any unexplained muscle pain, tenderness, or weakness to their provider (Jones &amp; Bartlett Learning, 2020).</li> </ol>
<b>How much would medication cost per month if paying out of pocket?</b>	\$20.71

<b>Drug #9</b>	<b>Drug Name (Generic):</b> benazepril  <b>Drug Name (Trade):</b> Lotensin (Physicians Desk Reference, 2021)
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	<b>Drug Class:</b> Angiotensin Converting Enzyme (ACE) Inhibitors (Physicians Desk Reference, 2021)
<b>How is the medication taken: (include dose, route, and frequency)</b>	<b>Dose:</b> 10mg <b>Route:</b> PO <b>Frequency:</b> daily
<b>Specific Directions not included above:</b>	Maximum dose for hypertension: 80mg/day (Physicians Desk Reference, 2021)  Maximum dose for heart failure: 20mg/day (Physicians Desk Reference, 2021)  Avoid temperatures above 86 degrees (Physicians Desk Reference, 2021)  Protect from moisture (Physicians Desk Reference, 2021)
<b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b>	Benazepril and Trimethoprim interact with each other and are not advised to be taken together.  If these medications are taken together- “Your blood levels of potassium may increase and cause breathing difficulties, chest pain, slow or irregular heartbeat, confusion, or muscle weakness” (WebMD, 2021).

<p><b>Lifestyle interactions:</b></p> <p><b>(Daily tobacco use, alcohol, drugs, etc.)</b></p>	<p>This client should not continue to use vape pens at all while taking this medication. Since an adverse effect of an ACE inhibitor is dry cough (Physicians Desk Reference, 2021). Using a vape pen can make the coughing worse. Even though the client does not drink or use illicit drugs, it is generally advised against drinking alcohol with this medication or using illicit drugs.</p>
<p><b>Does any of the client's past medical history contradict the use of this medication?</b></p>	<p>The client's past medical history does not contradict 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>The indication for use of this medication is to reduce blood pressure by dilating the blood vessels (Drugs.com, 2020). This client has hypertension. This medication will lower her blood pressure or assist her with maintaining a stable blood pressure in a therapeutic range.</p>
<p><b>What would you teach the client about taking this medication?</b></p>	<p>I would teach the client to not take medication more than the prescribed dose. I would also teach her about drug-drug interaction with Trimethoprim. In addition, my focus would be</p>

	to talk with her about the most common side effects of this medication which are cough and headache (Drugs.com, 2020). I would caution her that if she develops any abnormal reaction or hypersensitivity to the medication, to stop taking the medication and contact her provider. I would also ask her to write down the type of reaction she experienced with this medication to report to her provider.
<b>How much would medication cost per month if paying out of pocket?</b>	If she was paying out of pocket it would cost her between \$6.33-\$13.63 for a one-month supply (GoodRx, 2021).

<b>Drug #10</b>	<p><b>Drug Name (Generic):</b> acetaminophen</p> <p><b>Drug Name (Trade):</b> Tylenol</p> <p><b>Drug Class:</b> Analgesics (MedlinePlus, 2021)</p>
<b>How is the medication taken: (include dose, route, and frequency)</b>	<p><b>Dose:</b> 1g</p> <p><b>Route:</b> PO</p>

	<b>Frequency:</b> Q4H, PRN
<b>Specific Directions not included above:</b>	Acetaminophen can cause liver damage (MedlinePlus, 2021). The patient should not take this medication more than the recommended dose. Do not take more than 4000mg in a day (MedlinePlus, 2021).
<b>Does this medication interact with any other medication(s) on this list? (see rubric for further instruction)</b>	Acetaminophen interacts with methotrexate. Both medications affect the liver. If they are taken together, it may increase the client's risk of developing liver damage, and potentially lead to liver failure (Drugs.com, 2021).
<b>Lifestyle interactions: (Daily tobacco use, alcohol, drugs, etc.)</b>	The patient does not drink alcohol. However, it is imperative to educate the client on not drinking alcohol while taking this medication, because alcohol and acetaminophen both interact with the liver and can lead the patient into liver failure.
<b>Does any of the client's past medical history contradict the use of this medication?</b>	This medication does not contradict the client's past medical history.
<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</b>	This medication is used for pain, more specifically, the client uses it for the Rheumatoid Arthritis (RA).

<b>medication in general)</b>	
<b>What would you teach the client about taking this medication?</b>	I would educate the client on not taking more than the recommended dose to avoid liver toxicity. I would also educate her on the methotrexate interaction to also reduce her risk of developing liver damage.
<b>How much would medication cost per month if paying out of pocket?</b>	The patient will have to pay between \$0.35-\$5.05 for 30 capsules (GoodRx, 2021). However, this would indicate she is taking it once per day since her instructions are four times a day for 30 days as needed. Hypothetically, she would need 120 capsules for the month, costing her between \$1.40-\$20.20 per month out of pocket (GoodRx, 2021).

**Is there anything about this medication regimen scenario that might indicate a potential difficulty in maintaining compliance with the orders as listed?** Yes. She is 84 years old and lives alone. Her body doesn't metabolize medications as fast as it did when she was younger, causing adverse effects more frequently and uncomfortably. There are ten medications and maintaining compliance with all of them may be challenging because of their side effects or just from the exhaustion of taking so many medications at one time. The medication cost is not expensive. However, if the patient has to buy multiple supplies of one or more drugs, it can become expensive. Therefore, increasing her risk of noncompliance. Also, acetaminophen is an over-the-counter medication taken as needed

for pain. Taking acetaminophen has an increased risk of taking more than the recommended dose because there is no concrete prescription.

**Is there anything about this medication regimen scenario that might assist the client in maintaining the medication regimen as ordered?** It may assist the patient in being compliant with her medications because one of her medications is on an “as-needed” basis. She also has home health care working that helps her to take her medications.

**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 suggestion to the prescriber would be not to prescribe Tylenol while the patient is taking methotrexate to reduce the liver toxicity. It would be safer to prescribe different pain medications. Also, a suggestion would be not to give benazepril with trimethoprim because of the increased potassium in the blood risk. Another suggestion is to not give folic acid with methotrexate or Zolpidem with Alprazolam. All of these medications mentioned cause harmful effects when taken together, as listed above.

**What would the patients monthly out of pocket expense for all 10 medications? (Total Cost for all 10 meds)?** \$408.48/month

**Reflective Statement of Experience:** Polypharmacy affects many elderly clients. Compliance may be challenging to the older population who take multiple medications and it is easy for drugs to interact. It is vital to the nurse to recheck medications before they

are given to the client to ensure harmful effects won't occur to the client from drug-drug interactions. This project has taught us that taking multiple medications comes with serious risks and should be monitored.

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