

Envolve Pharmacy Solutions Drug Restriction / Benefit Design

Appropriate Use & Safety Edits

Envolve Pharmacy Solutions provides a variety of safety edits to promote the use of the right medication, in the right patient, at the right time. These edits are routinely updated as new medication entries come to market and in cases of new medication safety alerts in an effort to maintain best-in-class safety protocols. The items listed below represent the most recent strategies implemented to improve quality of care and cost containment. It is important to note that this is not a comprehensive list of Envolve Pharmacy Solutions utilization management strategies. For specific medication restriction information, please see the specific Centene Health Plan Preferred Medication List (PDL).

Dose Consolidation Edits

Restrictions on claims implemented to prevent members from receiving multiple strengths of the same medication. Current medication classes with dose consolidation edits include, but are not limited to:

- Atypical Antipsychotics
- Long-Acting ADHD Medications (stimulants & non-stimulants)
- Selective Serotonin Receptor Inhibitors (SSRI) & Serotonin Norepinephrine Receptor Inhibitors (SNRI)
- Short-Acting ADHD Medications (stimulants only)

Duplicate Therapy Edits

Restrictions on claims implemented to prevent members from receiving excessive medication regimens within the same, or similar, medication class. *Please note that members may utilize up to two medications in any classes listed below with an asterisk (*).* Current medication classes with duplicate therapy edits include, but are not limited to:

- | | |
|--|---|
| <ul style="list-style-type: none"> ▪ ACE Inhibitor/Angiotensin Receptor Blockers (ARB) ▪ Alpha Agonists (pediatrics only) ▪ Antidepressants* (all classes) ▪ Atypical Antipsychotics ▪ Benzodiazepines* ▪ Diabetic Medications (sulfonylurea/meglitinides) ▪ Long-Acting ADHD Medications (stimulants & non-stimulants) | <ul style="list-style-type: none"> ▪ Muscle Relaxants ▪ Sedative-Hypnotics ▪ Selective Serotonin Receptor Inhibitors (SSRI) & Serotonin Norepinephrine Receptor Inhibitors (SNRI) ▪ Short-Acting ADHD Medications (stimulants only)* ▪ Tricyclic Antidepressants (TCA) |
|--|---|

Fraud and Abuse Edits

Restrictions on claims implemented to assist in limiting opioids to prevent potentially inappropriate utilization. Current medication classes with fraud and abuse edits include, but are not limited to:

- Opioid Claim Restrictions (restricts members to two opioid claims per month)
- Opioid Cumulative Quantity Limits (regimens restricted to a total of 180 units of opioids per month)

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- Detox Agents & Opioid (prevents members from receiving detox agents when opioid use is ongoing)

Lower Age Limits

Restrictions on age implemented to prevent children from utilizing medications below FDA recommended age limits. Current medication classes with lower age limits include, but are not limited to:

- | | |
|--|---|
| ▪ Atypical Antipsychotics | ▪ Sedative-Hypnotics |
| ▪ Benzodiazepines | ▪ Short-Acting ADHD Medications (stimulants only) |
| ▪ Long-Acting ADHD Medications (stimulants & non-stimulants) | ▪ Smoking Deterrents |
| ▪ Migraine Rescue Medications (triptans & non-triptans) | |

Quantity Limits

Restrictions on claim quantity per day implemented to prevent daily doses above FDA recommendations. Multiple medications within different medication classes have quantity limit requirements. Current medication classes with quantity limits include, but are not limited:

- | | |
|--|---|
| ▪ Antibiotics | ▪ Hormone Replace Therapy (HRT) |
| ▪ Anti-Cholesterolemia Therapy | ▪ Migraine Therapy |
| ▪ Antiemetics | ▪ Non-Steroidal Anti-Inflammatory Drugs (NSAID) |
| ▪ Antifungals | ▪ Opioid Analgesics |
| ▪ Anti-Hypertensives | ▪ Osteoporosis Therapy |
| ▪ Asthma Medications | ▪ Sedative/Hypnotics |
| ▪ Cough & Cold Therapy | ▪ Skeletal Muscle Relaxants |
| ▪ Diabetic Medications | ▪ Topical Steroids |
| ▪ Gastrointestinal Treatment & Prophylaxis | |
| ▪ HIV Therapy | |

Step Therapy Edits

Restrictions on claims implemented to steer members toward the preferred medication in a particular medication class. Current medication classes with step therapy restrictions include, but are not limited to:

- | | |
|---|-------------------------|
| ▪ Aromatase Inhibitors (exemestane/letrozole) | ▪ Olanzapine-Fluoxetine |
| ▪ Canagliflozin | |
| ▪ Exenatide | |
| ▪ Isotretinoin | |
| ▪ Lodoxamide/Nedocramil Ophthalmic Solution | |

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Buprenorphine/Opioid Edits

Identifies opioid use after the patient has begun opioid use disorder treatment with a buprenorphine product.

The patient should not receive any new opioid Rx after they start buprenorphine. After reviewing the patient's medication history, the pharmacist will need to contact the prescriber to determine a further course of action. Current medication classes with step therapy restrictions include, but are not limited to:

- Opioid partial agonist
- Opioids

Teratogenic Edits

Existing Edits: PBM1 and CVSC

Restrictions on claims implemented to prevent female members from receiving potentially harmful medications prior to confirmation of pregnancy status. Messaging is generated for pregnancy X and D drugs.

Newer Edits: RxAdvance

Restrictions on claims implemented to prevent female members from receiving potentially harmful medications based on the pregnancy indicator from either the eligibility file or the pregnancy indicator on the incoming claim. The edit flags all pregnancy categories A, B, C, D or X based on the FDB pregnancy module and uses this information to drive messaging to the POS/POC based on the known pregnancy information. The alert for specific pregnancy complications is message only for all pregnancy categories by default. Client rules can be set to hard reject, soft reject, message only or no alert.

Safety Edits

Restrictions on claims implemented to prevent members from receiving combination medication regimens that are contraindicated or may be potentially toxic and life threatening. Current medications with safety edits include, but are not limited to:

Human Immunodeficiency Virus (HIV)¹ Medications

HIV DUPLICATIVE USE

The client has chosen to provide coverage of the requested product if the patient will discontinue taking another product with a duplicate ingredient in it. Many antiretroviral agents have duplicative ingredients and the patient should not be taking the two products with the same ingredients at the same time. The chart below lists the products affected.

¹ Based on 2015 HIV guidelines and manufacturer recommendations

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HIV: Medication Duplication (Drug A + B)	
Drug A	Drug B
Atripla (efavirenz-emtricitabine-tenofovir DF)	<ul style="list-style-type: none"> - Biktarvy (bictegravir-emtricitabine-tenofovir alafenamide) - Cinduo (lamivudine-tenofovir DF) - Complera (rilpivirine-emtricitabine-tenofovir DF) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Descovy (tenofovir alafenamide-emtricitabine) - Emtriva (emtricitabine) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Sustiva (efavirenz) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Truvada (emtricitabine-tenofovir DF) - Vemlidy (tenofovir alafenamide) - Viread (tenofovir disoproxil fumarate)
Biktarvy (bictegravir-emtricitabine-tenofovir alafenamide)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir DF) - Cinduo (lamivudine-tenofovir DF) - Complera (rilpivirine-emtricitabine-tenofovir DF) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Descovy (tenofovir alafenamide-emtricitabine) - Emtriva (emtricitabine) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Truvada (emtricitabine-tenofovir DF) - Vemlidy (tenofovir alafenamide) - Viread (tenofovir disoproxil fumarate)

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HIV: Medication Duplication (Drug A + B)	
Cimduo (lamivudine-tenofovir DF)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir DF) - Biktarvy (bictegravir-emtricitabine-tenofovir alafenamide) - Combivir (lamivudine-zidovudine) - Complera (rilpivirine-emtricitabine-tenofovir DF) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Descovy (tenofovir alafenamide-emtricitabine) - Epivir (lamivudine) - Epzicom (lamivudine-abacavir) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Triumeq (abacavir-dolutegravir-lamivudine) - Trizivir (abacavir-lamivudine-zidovudine) - Truvada (emtricitabine-tenofovir DF) - Vemlidy (tenofovir alafenamide) - Viread (tenofovir disoproxil fumarate)
Combivir (lamivudine-zidovudine)	<ul style="list-style-type: none"> - Cimduo (lamivudine-tenofovir DF) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Epivir (lamivudine) - Epzicom (lamivudine-abacavir) - Retrovir (zidovudine) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Triumeq (abacavir-dolutegravir-lamivudine) - Trizivir (abacavir-lamivudine-zidovudine)
Complera (rilpivirine-emtricitabine-tenofovir DF)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir) - Biktarvy (bictegravir-emtricitabine-tenofovir alafenamide) - Cimduo (lamivudine-tenofovir DF) - Complera (rilpivirine-emtricitabine-tenofovir DF) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Descovy (tenofovir alafenamide-emtricitabine)

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HIV: Medication Duplication (Drug A + B)	
	<ul style="list-style-type: none"> - Edurant (rilpivirine) - Emtriva (emtricitabine) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Juluca (dolutegravir-rilpivirine) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Truvada (emtricitabine-tenofovir DF) - Vemlidy (tenovofir alafenamide) - Viread (tenofovir disoproxil fumarate)
<p>Delstrigo (doravirine-lamivudine-tenofovir DF)</p>	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir) - Biktarvy (bictegravir-emtricitabine-tenofovir alafenamide) - Cimduo (lamivudine-tenofovir DF) - Cimduo (lamivudine-tenofovir DF) - Combivir (lamivudine-zidovudine) - Complera (rilpivirine-emtricitabine-tenofovir DF) - Descovy (tenofovir alafenamide-emtricitabine) - Epivir (lamivudine) - Epzicom (lamivudine-abacavir) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Pifeltro (doravirine) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Triumeq (abacavir-dolutegravir-lamivudine) - Trizivir (abacavir-lamivudine-zidovudine) - Truvada (emtricitabine-tenofovir DF) - Vemlidy (tenovofir alafenamide)

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HIV: Medication Duplication (Drug A + B)	
	<ul style="list-style-type: none"> - Viread (tenofovir disoproxil fumarate)
Descovy (tenofovir alafenamide-emtricitabine)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir DF) - Biktarvy (bictegravir-emtricitabine-tenofovir alafenamide) - Cinduo (lamivudine-tenofovir DF) - Complera (rilpivirine-emtricitabine-tenofovir DF) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Descovy (tenofovir alafenamide-emtricitabine) - Emtriva (emtricitabine) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Truvada (emtricitabine-tenofovir DF) - Vemlidy (tenofovir alafenamide) - Viread (tenofovir disoproxil fumarate)
Edurant (rilpivirine)	<ul style="list-style-type: none"> - Complera (rilpivirine-emtricitabine-tenofovir DF) - Juluca (dolutegravir-rilpivirine) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide)
Emtriva (emtricitabine)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir DF) - Biktarvy (bictegravir-emtricitabine-tenofovir alafenamide) - Complera (rilpivirine-emtricitabine-tenofovir DF) - Descovy (tenofovir alafenamide-emtricitabine) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide)

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HIV: Medication Duplication (Drug A + B)	
	<ul style="list-style-type: none"> - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Truvada (emtricitabine-tenofovir DF)
Epivir (lamivudine)	<ul style="list-style-type: none"> - Cimduo (lamivudine-tenofovir DF) - Combivir (lamivudine-zidovudine) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Epzicom (lamivudine-abacavir) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Triumeq (abacavir-dolutegravir-lamivudine) - Trizivir (abacavir-lamivudine-zidovudine)
Epzicom (lamivudine-abacavir)	<ul style="list-style-type: none"> - Cimduo (lamivudine-tenofovir DF) - Combivir (lamivudine-zidovudine) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Epivir (lamivudine) - Epzicom (lamivudine-abacavir) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Triumeq (abacavir-dolutegravir-lamivudine) - Trizivir (abacavir-lamivudine-zidovudine) - Ziagen (abacavir)Combivir (lamivudine-zidovudine)
Evotaz (atazanavir-cobicistat)	<ul style="list-style-type: none"> - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Prezcobix (darunavir-cobicistat) - Reyataz (atazanavir) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Tybost (cobicistat)

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HIV: Medication Duplication (Drug A + B)	
Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir DF) - Biktarvy (bictegravir-emtricitabine-tenofovir alafenamide) - Cimduo (lamivudine-tenofovir DF) - Complera (rilpivirine-emtricitabine-tenofovir DF) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Descovy (tenofovir alafenamide-emtricitabine) - Emtriva (emtricitabine) - Evotaz (atazanavir-cobicistat) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Prezcobix (darunavir-cobicistat) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Truvada (emtricitabine-tenofovir DF) - Tybost (cobicistat) - Vemlidy (tenofovir alafenamide) - Viread (tenofovir disoproxil fumarate)
Juluca (dolutegravir-rilpivirine)	<ul style="list-style-type: none"> - Tivicay (dolutegravir) - Triumeq (abacavir-dolutegravir-lamivudine)
Kaletra (lopinavir-ritonavir)	<ul style="list-style-type: none"> - Norvir (ritonavir) - Viekira XR (Dasabuvir-ombitasvir-paritaprevir-ritonavir) - Technivie (Ombitasvir-paritaprevir-ritonavir)
Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir DF) - Biktarvy (bictegravir-emtricitabine-tenofovir alafenamide) - Cimduo (lamivudine-tenofovir DF) - Complera (rilpivirine-emtricitabine-tenofovir DF) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Descovy (tenofovir alafenamide-emtricitabine) - Edurant (rilpivirine) - Emtriva (emtricitabine)

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HIV: Medication Duplication (Drug A + B)	
	<ul style="list-style-type: none"> - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Juluca (dolutegravir-rilpivirine) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Truvada (emtricitabine-tenofovir DF) - Vemlidy (tenofovir alafenamide) - Viread (tenofovir disoproxil fumarate)
Prezcobix (darunavir-cobicistat)	<ul style="list-style-type: none"> - Evotaz (atazanavir-cobicistat) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Prezista (darunavir) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Tybost (cobicistat)
Prezista (darunavir)	<ul style="list-style-type: none"> - Prezcobix (darunavir-cobicistat) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide)
Retrovir (zidovudine)	<ul style="list-style-type: none"> - Trizivir (abacavir-lamivudine-zidovudine) - Combivir (lamivudine-zidovudine)
Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir) - Biktarvy (bictegravir-emtricitabine-tenofovir alafenamide) - Cimduo (lamivudine-tenofovir DF) - Complera (rilpivirine-emtricitabine-tenofovir) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Descovy (tenofovir alafenamide-emtricitabine) - Emtriva (emtricitabine) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide)

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HIV: Medication Duplication (Drug A + B)	
	<ul style="list-style-type: none"> - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Prezcobix (darunavir-cobicistat) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Truvada (emtricitabine-tenofovir DF) - Tybost (cobicistat) - Vemlidy (tenofovir alafenamide)Viread (tenofovir) - Viread (tenofovir disoproxil fumarate)
Sustiva (efavirenz)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF)
Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir) - Biktarvy (bictegravir-emtricitabine-tenofovir alafenamide) - Cimduo (lamivudine-tenofovir DF) - Combivir (lamivudine-zidovudine) - Complera (rilpivirine-emtricitabine-tenofovir) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Descovy (tenofovir alafenamide-emtricitabine) - Epivir (lamivudine) - Epzicom (lamivudine-abacavir) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Sustiva (efavirenz) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Triumeq (abacavir-dolutegravir-lamivudine) - Trizivir (abacavir-lamivudine-zidovudine) - Truvada (emtricitabine-tenofovir DF) - Vemlidy (tenofovir alafenamide) - Viread (tenofovir disoproxil fumarate)

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HIV: Medication Duplication (Drug A + B)	
Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir DF) - Biktarvy (bictegravir-emtricitabine-tenofovir alafenamide) - Cimduo (lamivudine-tenofovir DF) - Complera (rilpivirine-emtricitabine-tenofovir DF) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Descovy (tenofovir alafenamide-emtricitabine) - Emtriva (emtricitabine) - Evotaz (atazanavir-cobicistat) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Prezcobix (darunavir-cobicistat) - Prezista (darunavir) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Truvada (emtricitabine-tenofovir DF) - Tybost (cobicistat) - Vemlidy (tenofovir alafenamide) - Viread (tenofovir disoproxil fumarate)
Tivicay (dolutegravir)	<ul style="list-style-type: none"> - Juluca (dolutegravir-rilpivirine) - Triumeq (abacavir-dolutegravir-lamivudine)
Triumeq (abacavir-dolutegravir-lamivudine)	<ul style="list-style-type: none"> - Cimduo (lamivudine-tenofovir DF) - Combivir (lamivudine-zidovudine) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Epivir (lamivudine) - Epzicom (lamivudine-abacavir) - Juluca (dolutegravir-rilpivirine) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF)

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HIV: Medication Duplication (Drug A + B)	
	<ul style="list-style-type: none"> - Tivicay (dolutegravir) - Triumeq (abacavir-dolutegravir-lamivudine) - Trizivir (abacavir-lamivudine-zidovudine) - Ziagen (abacavir)
Trizivir (abacavir-lamivudine-zidovudine)	<ul style="list-style-type: none"> - Cimduo (lamivudine-tenofovir DF) - Combivir (lamivudine-zidovudine) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Epivir (lamivudine) - Epzicom (lamivudine-abacavir) - Retrovir (zidovudine) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Triumeq (abacavir-dolutegravir-lamivudine) - Ziagen (abacavir)
Truvada (emtricitabine-tenofovir DF)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir) - Biktarvy (bictegravir-emtricitabine-tenofovir alafenamide) - Cimduo (lamivudine-tenofovir DF) - Complera (rilpivirine-emtricitabine-tenofovir) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Descovy (tenofovir alafenamide-emtricitabine) - Emtriva (emtricitabine) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Truvada (emtricitabine-tenofovir DF) - Vemlidy (tenofovir alafenamide) - Viread (tenofovir disoproxil fumarate)
Tybost (cobicistat)	<ul style="list-style-type: none"> - Evotaz (atazanavir-cobicistat) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide)

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HIV: Medication Duplication (Drug A + B)	
	<ul style="list-style-type: none"> - Prezcobix (darunavir-cobicistat) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide)
Vitekta (elvitegravir)	<ul style="list-style-type: none"> - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide)
Ziagen (abacavir)	<ul style="list-style-type: none"> - Epzicom (lamivudine-abacavir) - Triumeq (abacavir-dolutegravir-lamivudine) - Trizivir (abacavir-lamivudine-zidovudine)

HIV INAPPROPRIATE/INTERACTION COMBINATION USE

The client has chosen to provide coverage of the requested product if the patient will discontinue taking another product that interacts with the requested drug. Many antiretroviral agents have interactions and the patient should not be taking the two products together. The chart below lists the products affected.

Inappropriate HIV Combination Therapy (Drug A + B)		
Drug A	Drug B	Rationale
Atazanvir + Indanavir		<i>Atazanavir and indinavir can cause Grade 3 to 4 hyperbilirubinemia and jaundice.</i>
Reyataz (atazanavir)	Crixivan (indinavir)	
Emtricitabine + Lamivudine		<i>Emtricitabine and lamivudine have similar resistance profiles and have minimal additive antiviral activity.</i>

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Inappropriate HIV Combination Therapy (Drug A + B)		
<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir) - Biktarvy (bictegravir-emtricitabine-tenofovir alafenamide) - Complera (rilpivirine-emtricitabine-tenofovir) - Descovy (tenofovir alafenamide-emtricitabine) - Emtriva (emtricitabine) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Truvada (emtricitabine-tenofovir) 	<ul style="list-style-type: none"> - Cimduo (lamivudine-tenofovir DF) - Combivir (lamivudine-zidovudine) - Epivir (lamivudine) - Epzicom (lamivudine-abacavir) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Triumeq (abacavir-dolutegravir-lamivudine) - Trizivir (abacavir-lamivudine-zidovudine) 	
Didanosine + Stavudine		<i>Didanosine and stavudine as a dual-NRTI backbone can result in a high incidence of toxicities, particularly peripheral neuropathy, pancreatitis, and lactic acidosis.</i>
Videx (didanosine)	Zerit (stavudine)	
Stavudine + Zidovudine		<i>Stavudine and zidovudine should not be used in combination because of antagonism demonstrated in vitro and in vivo.</i>
Zerit (stavudine)	<ul style="list-style-type: none"> - Combivir (lamivudine-zidovudine) - Retrovir (zidovudine) 	

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Inappropriate HIV Combination Therapy (Drug A + B)		
	- Trizivir (abacavir-lamivudine-zidovudine)	
Etravirine + Tipranavir		<i>Tipranavir (ritonavir-boosted as a standard) significantly reduces etravirine concentrations.</i>
Intelence (etravirine)	Aptivus (tipranavir)	
Two NNRTIs		<i>Two-non-nucleoside reverse transcriptase inhibitor (2-NNRTI) combinations can cause a higher frequency of clinical adverse events that leads to treatment discontinuation.</i>
Atripla (efavirenz-emtricitabine-tenofovir DF)	<ul style="list-style-type: none"> - Complera (rilpivirine-emtricitabine-tenofovir DF) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Edurant (rilpivirine) - Intelence (etravirine) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Pifeltro (doravirine) - Rescriptor (delavirdine) - Sustiva (efavirenz) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Viramune (nevirapine) 	
Complera (rilpivirine-emtricitabine-tenofovir)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir DF) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Edurant (rilpivirine) - Intelence (etravirine) 	

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Inappropriate HIV Combination Therapy (Drug A + B)		
	<ul style="list-style-type: none"> - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Pifeltro (doravirine) - Rescriptor (delavirdine) - Sustiva (efavirenz) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Viramune (nevirapine) 	
Delstrigo (doravirine-lamivudine-tenofovir DF)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir DF) - Complera (rilpivirine-emtricitabine-tenofovir) - Edurant (rilpivirine) - Intelence (etravirine) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Pifeltro (doravirine) - Rescriptor (delavirdine) - Sustiva (efavirenz) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Viramune (nevirapine) 	
Edurant (rilpivirine)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir DF) - Complera (rilpivirine-emtricitabine-tenofovir DF) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Intelence (etravirine) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Pifeltro (doravirine) - Rescriptor (delavirdine) - Sustiva (efavirenz) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Viramune (nevirapine) 	

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Inappropriate HIV Combination Therapy (Drug A + B)		
Intelence (etravirine)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir DF) - Complera (rilpivirine-emtricitabine-tenofovir DF) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Edurant (rilpivirine) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Pifeltro (doravirine) - Rescriptor (delavirdine) - Sustiva (efavirenz) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Viramune (nevirapine) 	
Rescriptor (delavirdine)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir DF) - Complera (rilpivirine-emtricitabine-tenofovir DF) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Edurant (rilpivirine) - Intelence (etravirine) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Pifeltro (doravirine) - Sustiva (efavirenz) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Viramune (nevirapine) 	
Sustiva (efavirenz)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir DF) - Complera (rilpivirine-emtricitabine-tenofovir DF) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Edurant (rilpivirine) - Intelence (etravirine) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Pifeltro (doravirine) 	

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Inappropriate HIV Combination Therapy (Drug A + B)		
	<ul style="list-style-type: none"> - Rescriptor (delavirdine) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) - Viramune (nevirapine) 	
Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir DF) - Complera (rilpivirine-emtricitabine-tenofovir DF) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Edurant (rilpivirine) - Intelence (etravirine) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Pifeltro (doravirine) - Rescriptor (delavirdine) - Sustiva (efavirenz) - Viramune (nevirapine) 	
Viramune (nevirapine)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir DF) - Complera (rilpivirine-emtricitabine-tenofovir DF) - Delstrigo (doravirine-lamivudine-tenofovir DF) - Edurant (rilpivirine) - Intelence (etravirine) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Pifeltro (doravirine) - Rescriptor (delavirdine) - Sustiva (efavirenz) - Symfi, Symfi Lo (efavirenz-lamivudine-tenofovir DF) 	
Two Integrase Inhibitors		<i>Two integrase inhibitor combinations can cause a higher frequency of clinical adverse events that leads to</i>

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Inappropriate HIV Combination Therapy (Drug A + B)		
		<i>treatment discontinuation.</i>
<p>Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide)</p>	<ul style="list-style-type: none"> - Isentress (raltegravir) - Juluca (dolutegravir-rilpivirine) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Tivicay (dolutegravir) - Triumeq (abacavir-dolutegravir-lamivudine) 	
<p>Isentress (raltegravir)</p>	<ul style="list-style-type: none"> - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Juluca (dolutegravir-rilpivirine) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Tivicay (dolutegravir) - Triumeq (abacavir-dolutegravir-lamivudine) 	
<p>Juluca (dolutegravir-rilpivirine)</p>	<ul style="list-style-type: none"> - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Isentress (raltegravir) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Tivicay (dolutegravir) - Triumeq (abacavir-dolutegravir-lamivudine) 	
<p>Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF)</p>	<ul style="list-style-type: none"> - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Isentress (raltegravir) - Juluca (dolutegravir-rilpivirine) - Tivicay (dolutegravir) - Triumeq (abacavir-dolutegravir-lamivudine) 	
<p>Tivicay (dolutegravir)</p>	<ul style="list-style-type: none"> - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Isentress (raltegravir) - Juluca (dolutegravir-rilpivirine) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Triumeq (abacavir-dolutegravir-lamivudine) 	

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Inappropriate HIV Combination Therapy (Drug A + B)		
Triumeq (abacavir-dolutegravir-lamivudine)	<ul style="list-style-type: none"> - Genvoya (elvitegravir-cobicistat- emtricitabine-tenofovir alafenamide) - Isentress (raltegravir) - Juluca (dolutegravir-rilpivirine) - Stribild (cobicistat-elvitegravir- emtricitabine-tenofovir DF) - Tivicay (dolutegravir) 	
Greater than Two Protease Inhibitors (PIs)		<i>Greater than two protease inhibitor (PIs) combinations can cause a higher frequency of clinical adverse events that leads to treatment discontinuation.</i>
Aptivus (tipranavir)	<ul style="list-style-type: none"> - Crixivan (indinavir) - Evotaz (atazanavir-cobicistat) - Invirase (saquinavir) - Kaletra (lopinavir-ritonavir) - Lexiva (fosamprenavir) - Prezcobix (darunavir-cobicistat) - Prezista (darunavir) - Reyataz (atazanavir) - Symtuza (darunavir-cobicistat- emtricitabine-tenofovir alafenamide) - Viracept (nelfinavir) 	
Crixivan (indinavir)	<ul style="list-style-type: none"> - Aptivus (tipranavir) - Evotaz (atazanavir-cobicistat) - Invirase (saquinavir) - Kaletra (lopinavir-ritonavir) - Lexiva (fosamprenavir) - Prezcobix (darunavir-cobicistat) - Prezista (darunavir) - Reyataz (atazanavir) - Symtuza (darunavir-cobicistat- emtricitabine-tenofovir alafenamide) - Viracept (nelfinavir) 	

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Inappropriate HIV Combination Therapy (Drug A + B)		
Evotaz (atazanavir-cobicistat)	<ul style="list-style-type: none"> - Aptivus (tipranavir) - Crixivan (indinavir) - Invirase (saquinavir) - Kaletra (lopinavir-ritonavir) - Lexiva (fosamprenavir) - Prezcobix (darunavir-cobicistat) - Prezista (darunavir) - Reyataz (atazanavir) - Symtuza (darunavir-cobicistat- emtricitabine-tenofovir alafenamide) - Viracept (nelfinavir) 	
Invirase (saquinavir)	<ul style="list-style-type: none"> - Aptivus (tipranavir) - Crixivan (indinavir) - Evotaz (atazanavir-cobicistat) - Kaletra (lopinavir-ritonavir) - Lexiva (fosamprenavir) - Prezcobix (darunavir-cobicistat) - Prezista (darunavir) - Reyataz (atazanavir) - Symtuza (darunavir-cobicistat- emtricitabine-tenofovir alafenamide) - Viracept (nelfinavir) 	
Kaletra (lopinavir-ritonavir)	<ul style="list-style-type: none"> - Aptivus (tipranavir) - Crixivan (indinavir) - Evotaz (atazanavir-cobicistat) - Invirase (saquinavir) - Lexiva (fosamprenavir) - Prezcobix (darunavir-cobicistat) - Prezista (darunavir) - Reyataz (atazanavir) - Symtuza (darunavir-cobicistat- emtricitabine-tenofovir alafenamide) - Viracept (nelfinavir) 	
Lexiva (fosamprenavir)	<ul style="list-style-type: none"> - Aptivus (tipranavir) - Crixivan (indinavir) - Evotaz (atazanavir-cobicistat) - Invirase (saquinavir) - Kaletra (lopinavir-ritonavir) - Prezcobix (darunavir-cobicistat) - Prezista (darunavir) - Reyataz (atazanavir) 	

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Inappropriate HIV Combination Therapy (Drug A + B)		
	<ul style="list-style-type: none"> - Symtuza (darunavir-cobicistat- emtricitabine-tenofovir alafenamide) - Viracept (nelfinavir) 	
Prezcobix (darunavir-cobicistat)	<ul style="list-style-type: none"> - Aptivus (tipranavir) - Crixivan (indinavir) - Evotaz (atazanavir-cobicistat) - Invirase (saquinavir) - Kaletra (lopinavir-ritonavir) - Lexiva (fosamprenavir) - Prezista (darunavir) - Reyataz (atazanavir) - Symtuza (darunavir-cobicistat- emtricitabine-tenofovir alafenamide) - Viracept (nelfinavir) 	
Prezista (darunavir)	<ul style="list-style-type: none"> - Aptivus (tipranavir) - Crixivan (indinavir) - Evotaz (atazanavir-cobicistat) - Invirase (saquinavir) - Kaletra (lopinavir-ritonavir) - Lexiva (fosamprenavir) - Prezcobix (darunavir-cobicistat) - Reyataz (atazanavir) - Symtuza (darunavir-cobicistat- emtricitabine-tenofovir alafenamide) - Viracept (nelfinavir) 	
Reyataz (atazanavir)	<ul style="list-style-type: none"> - Aptivus (tipranavir) - Crixivan (indinavir) - Evotaz (atazanavir-cobicistat) - Invirase (saquinavir) - Kaletra (lopinavir-ritonavir) - Lexiva (fosamprenavir) - Prezcobix (darunavir-cobicistat) - Prezista (darunavir) - Symtuza (darunavir-cobicistat- emtricitabine-tenofovir alafenamide) - Viracept (nelfinavir) 	

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Inappropriate HIV Combination Therapy (Drug A + B)		
Symtuza (darunavir-cobicistat- emtricitabine-tenofovir alafenamide)	<ul style="list-style-type: none"> - Aptivus (tipranavir) - Crixivan (indinavir) - Evotaz (atazanavir-cobicistat) - Invirase (saquinavir) - Kaletra (lopinavir-ritonavir) - Lexiva (fosamprenavir) - Prezcobix (darunavir-cobicistat) - Prezista (darunavir) - Reyataz (atazanavir) - Viracept (nelfinavir) 	
Viracept (nelfinavir)	<ul style="list-style-type: none"> - Aptivus (tipranavir) - Crixivan (indinavir) - Evotaz (atazanavir-cobicistat) - Invirase (saquinavir) - Kaletra (lopinavir-ritonavir) - Lexiva (fosamprenavir) - Prezcobix (darunavir-cobicistat) - Prezista (darunavir) - Reyataz (atazanavir) - Symtuza (darunavir-cobicistat- emtricitabine-tenofovir alafenamide) - Aptivus (tipranavir) 	
Two Boosters		<i>Two booster agents can result in additive CYP3A4 enzyme inhibition and may cause a higher frequency of clinical adverse events that leads to treatment discontinuation.</i>
Evotaz (atazanavir-cobicistat)	<ul style="list-style-type: none"> - Genvoya (elvitegravir-cobicistat- emtricitabine-tenofovir alafenamide) - Kaletra (lopinavir-ritonavir) - Norvir (ritonavir) - Prezcobix (darunavir-cobicistat) - Stribild (cobicistat-elvitegravir- emtricitabine-tenofovir DF) 	

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Inappropriate HIV Combination Therapy (Drug A + B)		
	<ul style="list-style-type: none"> - Symtuza (darunavir-cobicistat- emtricitabine-tenofovir alafenamide) - Tybost (cobicistat) 	
<p>Genvoya (elvitegravir-cobicistat- emtricitabine-tenofovir alafenamide)</p>	<ul style="list-style-type: none"> - Evotaz (atazanavir-cobicistat) - Kaletra (lopinavir-ritonavir) - Norvir (ritonavir) - Prezcobix (darunavir-cobicistat) - Stribild (cobicistat-elvitegravir- emtricitabine-tenofovir DF) - Symtuza (darunavir-cobicistat- emtricitabine-tenofovir alafenamide) - Tybost (cobicistat) 	
<p>Kaletra (lopinavir-ritonavir)</p>	<ul style="list-style-type: none"> - Evotaz (atazanavir-cobicistat) - Genvoya (elvitegravir-cobicistat- emtricitabine-tenofovir alafenamide) - Norvir (ritonavir) - Prezcobix (darunavir-cobicistat) - Stribild (cobicistat-elvitegravir- emtricitabine-tenofovir DF) - Symtuza (darunavir-cobicistat- emtricitabine-tenofovir alafenamide) - Tybost (cobicistat) 	
<p>Norvir (ritonavir) Prezcobix (darunavir-cobicistat)</p>	<ul style="list-style-type: none"> - Evotaz (atazanavir-cobicistat) - Genvoya (elvitegravir-cobicistat- emtricitabine-tenofovir alafenamide) - Kaletra (lopinavir-ritonavir) - Norvir (ritonavir) - Stribild (cobicistat-elvitegravir- emtricitabine-tenofovir DF) - Symtuza (darunavir-cobicistat- emtricitabine-tenofovir alafenamide) - Tybost (cobicistat) 	
<p>Stribild (cobicistat-elvitegravir- emtricitabine-tenofovir DF)</p>	<ul style="list-style-type: none"> - Evotaz (atazanavir-cobicistat) - Genvoya (elvitegravir-cobicistat- emtricitabine-tenofovir alafenamide) - Kaletra (lopinavir-ritonavir) - Norvir (ritonavir) - Prezcobix (darunavir-cobicistat) - Symtuza (darunavir-cobicistat- emtricitabine-tenofovir alafenamide) - Tybost (cobicistat) 	

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Inappropriate HIV Combination Therapy (Drug A + B)		
Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide)	<ul style="list-style-type: none"> - Evotaz (atazanavir-cobicistat) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Kaletra (lopinavir-ritonavir) - Norvir (ritonavir) - Prezcobix (darunavir-cobicistat) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Tybost (cobicistat) 	
Tybost (cobicistat)	<ul style="list-style-type: none"> - Evotaz (atazanavir-cobicistat) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Kaletra (lopinavir-ritonavir) - Norvir (ritonavir) - Prezcobix (darunavir-cobicistat) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) 	

HIV UNBOOSTED PROTEASE INHIBITOR THERAPY

The client has chosen to provide coverage of the requested product only if the patient is concurrently taking a boosted protease inhibitor or non-protease inhibitors listed in column B below. Many antiretroviral agents must be boosted with other protease inhibitors to increase the virological benefit or increase drug exposure. The chart below lists the products affected.

Unboosted PI Therapy (Drug A + B)		
Unboosted Etravirine		
Drug A	Drug B	
Intelence (etravirine)	<ul style="list-style-type: none"> - Cimduo (lamivudine-tenofovir DF) - Combivir (lamivudine-zidovudine) - Descovy (emtricitabine-tenofovir alafenamide) - Emtriva (emtricitabine) - Epivir (lamivudine) - Epzicom (lamivudine-abacavir) - Fuzeon (enfuvirtide) - Isentress (raltegravir) - Kaletra (lopinavir-ritonavir) - Retrovir (zidovudine) - Selzentry (maraviroc) - Tivicay (dolutegravir) 	<i>Etravirine may induce the metabolism and significantly reduce the drug exposure of unboosted protease inhibitors</i>

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Unboosted PI Therapy (Drug A + B)		
	<ul style="list-style-type: none"> - Trizivir (abacavir-lamivudine-zidovudine) - Trogarzo (ibalizumab-uiyk) - Truvada (emtricitabine-tenofovir DF) - Videx EC (didanosine) - Viread (tenofovir disoproxil fumarate) - Zerit (stavudine) - Ziagen (abacavir) 	
Drug A	Drug B	Rationale
Intelence (etravirine)	<ul style="list-style-type: none"> - Crixivan (indinavir) + [Norvir (ritonavir) or Tybost (cobicistat)] - Invirase (saquinavir) + Norvir (ritonavir) - Prezista (darunavir) + Norvir (ritonavir) - Viracept (nelfinavir) + [Norvir (ritonavir) or Tybost (cobicistat)] 	<i>Etravirine may induce the metabolism and significantly reduce the drug exposure of unboosted protease inhibitors</i>
Unboosted Darunavir, Saquinavir, Tipranavir, or Atazanavir (missing ritonavir or cobicistat)		
Drug A	Drug B	Rationale
Aptivus (tipranavir)	Norvir (ritonavir)	<i>The virologic benefit of this protease inhibitor has been demonstrated only when used with concomitant ritonavir</i>
Invirase (saquinavir)	Norvir (ritonavir)	<i>The virologic benefit of this protease inhibitor has been demonstrated only when used with concomitant ritonavir.</i>
Prezista (darunavir)	Norvir (ritonavir) OR Tybost (cobicistat)	<i>The virologic benefit of this protease inhibitor has been demonstrated only when used with concomitant ritonavir or cobicistat</i>

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