

Appropriate Use & Safety Edits

Coordinated Care 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 Coordinated Care's utilization management strategies. For specific medication restriction information, please see the specific Centene Health Plan Preferred Medication List (PDL).

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:

- ACE Inhibitor/Angiotensin Receptor Blockers (ARB)
- Diabetic Medications (sulfonylurea/meglitinides)
- Muscle Relaxants

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:

- 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:

- Migraine Rescue Medications (triptans & non-triptans)
- Smoking Deterrents

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
- Anti-Cholesterolemia Therapy
- Antiemetics
- Antifungals

Coordinated Care Drug Restriction / Benefit Design

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

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)
- Lodoxamide/Nedocramil Ophthalmic Solution

Coordinated Care/ Benefit Design

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

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) - Cimduo (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) - Cimduo (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)



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) - Edurant (rilpivirine) - Emtriva (emtricitabine) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide)

HIV: Medication Duplication (Drug A + B)	
	<ul style="list-style-type: none"> - 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 (tenofovir alafenamide) - Viread (tenofovir disoproxil fumarate)
Delstrigo (doravirine-lamivudine-tenofovir DF)	<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 (tenofovir alafenamide) - Viread (tenofovir disoproxil fumarate)
Descovy (tenofovir alafenamide-emtricitabine)	<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)

HIV: Medication Duplication (Drug A + B)	
	<ul style="list-style-type: none"> - 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) - 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)



HIV: Medication Duplication (Drug A + B)	
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) - Prezcofix (darunavir-cobicistat) - Reyataz (atazanavir) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Tybost (cobicistat)
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) - Prezcofix (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)



HIV: Medication Duplication (Drug A + B)	
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) - 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)

HIV: Medication Duplication (Drug A + B)	
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) - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Prezcofix (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)

HIV: Medication Duplication (Drug A + B)	
	<ul style="list-style-type: none"> - 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)
Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide)	<ul style="list-style-type: none"> - Atripla (efavirenz-emtricitabine-tenofovir DF) - Biktarvy (bictegravir-emtricitabine-tenofovir alafenamide) - Cymduo (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) - Prezcoibix (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"> - Cymduo (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) - Tivicay (dolutegravir)



HIV: Medication Duplication (Drug A + B)	
	<ul style="list-style-type: none"> - 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) - Prezcofix (darunavir-cobicistat) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide)



HIV: Medication Duplication (Drug A + B)	
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>
<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) 	<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) 	



Inappropriate HIV Combination Therapy (Drug A + B)		
<ul style="list-style-type: none"> - Odefsey (rilpivirine-emtricitabine-tenofovir alafenamide) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Truvada (emtricitabine-tenofovir) 		
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) - Trizivir (abacavir-lamivudine-zidovudine) 	
Etravirine + Tipranavir		<i>Tipranavir (ritonavir-boosted as a standard) significantly reduces etravirine concentrations.</i>
Intence (etravirine)	Aptivus (tipranavir)	
Two NNRTIs		<i>Two-non-nucleoside reverse transcriptase inhibitor (2-NNRTI)</i>



Inappropriate HIV Combination Therapy (Drug A + B)		
		<i>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) - 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) 	



Inappropriate HIV Combination Therapy (Drug A + B)		
	<ul style="list-style-type: none"> - 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) 	
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) 	



Inappropriate HIV Combination Therapy (Drug A + B)		
	<ul style="list-style-type: none"> - 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) - 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) 	



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) 	
Two Integrase Inhibitors		<i>Two integrase inhibitor combinations can cause a higher frequency of clinical adverse events that leads to treatment discontinuation.</i>
Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide)	<ul style="list-style-type: none"> - Isentress (raltegravir) - Juluca (dolutegravir-rilpivirine) - Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF) - Tivicay (dolutegravir) - Triumeq (abacavir-dolutegravir-lamivudine) 	
Isentress (raltegravir)	<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) 	
Juluca (dolutegravir-rilpivirine)	<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) 	
Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF)	<ul style="list-style-type: none"> - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Isentress (raltegravir) - Juluca (dolutegravir-rilpivirine) 	

Inappropriate HIV Combination Therapy (Drug A + B)		
	<ul style="list-style-type: none"> - Tivicay (dolutegravir) - Triumeq (abacavir-dolutegravir-lamivudine) 	
Tivicay (dolutegravir)	<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) 	
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) 	

Inappropriate HIV Combination Therapy (Drug A + B)		
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) 	
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) 	



Inappropriate HIV Combination Therapy (Drug A + B)		
	<ul style="list-style-type: none"> - 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) - 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) 	



Inappropriate HIV Combination Therapy (Drug A + B)		
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) 	
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		<p><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></p>



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



Inappropriate HIV Combination Therapy (Drug A + B)		
Stribild (cobicistat-elvitegravir-emtricitabine-tenofovir DF)	<ul style="list-style-type: none"> - Evotaz (atazanavir-cobicistat) - Genvoya (elvitegravir-cobicistat-emtricitabine-tenofovir alafenamide) - Kaletra (lopinavir-ritonavir) - Norvir (ritonavir) - Prezcofix (darunavir-cobicistat) - Symtuza (darunavir-cobicistat-emtricitabine-tenofovir alafenamide) - Tybost (cobicistat) 	
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) - Prezcofix (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) - Prezcofix (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) 	<i>Etravirine may induce the metabolism and significantly reduce</i>



Unboosted PI Therapy (Drug A + B)		
	<ul style="list-style-type: none"> - Emtriva (emtricitabine) - Epivir (lamivudine) - Epzicom (lamivudine-abacavir) - Fuzeon (enfuvirtide) - Isentress (raltegravir) - Kaletra (lopinavir-ritonavir) - Retrovir (zidovudine) - Selzentry (maraviroc) - Tivicay (dolutegravir) - Trizivir (abacavir-lamivudine-zidovudine) - Trogarzo (ibalizumab-uiyk) - Truvada (emtricitabine-tenofovir DF) - Videx EC (didanosine) - Viread (tenofovir disoproxil fumarate) - Zerit (stavudine) - Ziagen (abacavir) 	<i>the drug exposure of unboosted protease inhibitors</i>
Drug A	Drug B	Rationale
Intence (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>