

If the client is on **ANY** of these drugs OR has any of the health conditions listed, consult a MD.  
If there are concerns re: interactions with any drug not listed, consult a Pharmacist/HIV Expert.

Kaletra®		CONTRAINDICATED	Use with CAUTION	Kaletra®	
Health Conditions	Drug <sup>2</sup> Precautions	Acute hepatitis <sup>1</sup>	Liver failure (acute OR advanced) Chronic liver disease (stable) Hemophilia		
		<b>Analgesic</b> • Fentanyl (Duragesic®) <b>Antiarrhythmics</b> • Flecainide (Tambocor®) • Propafenone (Rythmol®) <b>Antibiotics</b> • Rifampin (Rifadin®, Rofact®) <b>Antihistamines</b> • Astemizole (Hismanol®) • Terfenadine (Seldane®) <sup>3</sup> <b>Benzodiazapines</b> • Midazolam (Versad®) • Triazolam (Halcion®) <b>Ergot Derivatives</b> • Bellergal Spacetabs® • Cafergot • Cafergot PB • Dihydroergotamine (Migranal®) • Ergodryl • Ergoloid mesylates (Hydergine®) • Ergonovine • Ergotamine • Gravergol • Methylergonovine, Methylergotamine (Methergine®) <b>GI Mortality Agents</b> • Cisapride (Propulsid®) <sup>3</sup> <b>Herbal Products</b> • St. John's Wort (Hypericum perforatum) <b>Neuroleptics</b> • Pimozide (Orap®) • Lovastatin (Mevacor®) • Simvastatin (Zocor®)	<b>Antiarrhythmics</b> • Amiodarone (Cordarone®) • Bepridil • Flecainide • Propafenone • Lidocaine (Xylocaine®) • Quinidine <b>Antibiotics</b> • Clarithromycin (Biaxin®) • Erythromycin • Metronidazole • Rifabutin (Mycobutin®) <b>Anticoagulants</b> • Warfarin (Coumadin®) <b>Anticonvulsant</b> • Carbamazepine (Tegretol®) • Phenobarbital • Phenytoin (Dilantin®) <b>Antidepressant</b> <sup>4</sup> • Trazodone • Celexa®, Effexor®, Paxil® <b>Antifungals</b> • Itraconazole (Sporanox®) • Ketoconazole (Nizoral®) • Voriconazole <b>Antiparasitic</b> • Atovaquone (Mepron®) <b>Antipsychotic</b> <sup>4</sup> • Zyprexa® • Thioridazine <b>Calcium Channel Blockers</b> • Felodipine (Plendil/Renedil®) • Nicardipine (Cardene®) • Nifedipine (Adalat®) <b>Cardiotonic Glycoside</b> • Digoxin <b>Corticosteroids</b> • Dexamethasone (Decadron®) <b>Immunosuppressants</b> • Cyclosporine (Neoral®, Sandimmune®) • Tacrolimus (Prograf®) • Rapamycin <b>Inhaled Steroids</b> • Fluticasone (Flonase®, Advair®) <b>PDE5 Inhibitors</b> • Sildenafil (Viagra®) • Tadalafil (e.g., Cialis®) • Vardenafil (Levitra®) <b>Oral/Patch Contraceptive</b> • Norethindrone • Ethinyl Estradiol <b>Narcotic Analgesic</b> • Methadone <b>Statins</b> • Atorvastatin (Lipitor®) or Rosuvastatin (Crestor®) >10 mg daily <b>Recreational Drugs</b> • MDMA (ecstasy)		

<sup>1</sup> History of hepatitis does not rule out HIV PEP. MD and/or HIV Expert consultation recommended. Possible contraindication in the event of acute symptomatic illness or severely elevated liver enzymes (> 5X normal). Dosage adjustments may be necessary.

<sup>2</sup> Not all drugs within each drug class are contraindicated - only drugs listed above are contraindicated when co-administered with either Combivir® or Kaletra®.

<sup>3</sup> Product no longer available in Canada, only available in the United States.

<sup>4</sup> If it is suspected that the client is emotionally unstable and/or at risk of overdosing, it is recommended to use Combivir® alone.



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Combivir®	CONTRAINDICATED		Use with CAUTION		Combivir®
	Health Conditions	Acute hepatitis <sup>1</sup> Abnormally low neutrophil count (< 0.75 x 10 <sup>9</sup> /L) Abnormally low hemoglobin levels (< 75 g/L)	Bone marrow insufficiency Severe anaemia Pancreatitis (history OR risk factors) <sup>5</sup> Kidney problems		
	Drug <sup>2</sup> Precautions		Antibiotics	<ul style="list-style-type: none"><li>• Dapsone®</li><li>• Trimethoprim-sulfamethoxazole (Septra®)</li></ul>	
			Anticonvulsant	<ul style="list-style-type: none"><li>• Phenytoin (Dilantin®)</li><li>• Valproic Acid (Depakene®, Epival®)</li></ul>	
			Antifungals	<ul style="list-style-type: none"><li>• Amphotericin B</li><li>• Fluconazole (Diflucan®)</li></ul>	
			Antiprotozoal	<ul style="list-style-type: none"><li>• Atovaquone (Mepron®)</li></ul>	
			Antiretrovirals	<ul style="list-style-type: none"><li>• Stavudine (Zerit®)</li><li>• Zalcitabine (Hivid®)</li></ul>	
			Antivirals	<ul style="list-style-type: none"><li>• Ganciclovir (Cytovene®)</li></ul>	
			Biological Response Modifiers	<ul style="list-style-type: none"><li>• Interferon alpha (Roferon®-A, Intron® A, Rebetrone®)</li></ul>	
			Bone Marrow Suppressive Agents / Toxic Agents	<ul style="list-style-type: none"><li>• Adriamycin</li><li>• Flucytosine</li><li>• Vinblastine</li><li>• Vincristine</li></ul>	
Narcotic Analgesics			<ul style="list-style-type: none"><li>• Methadone</li></ul>		
Uricosuric	<ul style="list-style-type: none"><li>• Probenecid (Benuryl®)</li></ul>				

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<sup>5</sup> Increased concern in paediatric clients.

## NOTES

Non-essential medications, alternate therapy, vitamins and recreational drug use should be discontinued during the HIV PEP regimen (e.g., herbal mood enhancers/sleep aids such as 5-hydroxy-L-tryptophan (5HTP or Tryptophan); multi-vitamins).

Kaletra® can decrease the effectiveness of long-term use birth control pills. Barrier form contraceptive (e.g., condom) should be used for 28 days + 2 months.

The use of Combivir® and Kaletra® during pregnancy has not been extensively studied. IF a woman is pregnant: HIV PEP drugs are potentially teratogenic in the 1st trimester (often avoided during this period).

Since Kaletra is a substrate and potent CYP3A4 inhibitor, caution should be used when co-administering Kaletra and CYP3A4 enzyme inducers, inhibitors, or substrates with narrow therapeutic indices. If in doubt, please consult with an HIV Expert or Pharmacist.

**STOP HIV PEP if:** Grade 4 AE; Hemoglobin  $< 80 \text{ g/L}$ ; Absolute Neutrophil  $< 0.5 \times 10^9/L$ ; Platelet Count  $< 20,000 \text{ cells}/\mu\text{L}$ ; AST / ALT / ALP / Bilirubin  $> 5X$  upper limit of normal.

