

# Long-term use medications and TDF/FTC PrEP

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This is a summary of key long-term use medications to be avoided or used with caution with **tenofovir-DF/emtricitabine (TDF/FTC)** when used as PrEP. Full details and interactions with additional comedications can be found at [www.hiv-druginteractions.org](http://www.hiv-druginteractions.org).

TDF/FTC	Comment
<b>Analgesics</b>	
Aspirin	Risk of nephrotoxicity with TDF. Monitor renal function.
Celecoxib	Risk of nephrotoxicity with TDF. Monitor renal function.
Diclofenac	Risk of nephrotoxicity with TDF. Monitor renal function.
Ibuprofen	Risk of nephrotoxicity with TDF. Monitor renal function.
Mefenamic acid	Risk of nephrotoxicity with TDF. Monitor renal function.
Naproxen	Risk of nephrotoxicity with TDF. Monitor renal function.
Nimesulide	Risk of nephrotoxicity with TDF. Monitor renal function.
Piroxicam	Risk of nephrotoxicity with TDF. Monitor renal function.
<b>Antiarrhythmics</b>	
Amiodarone	Increased TDF absorption. Monitor for TDF side effects.
Quinidine	Increased TDF absorption. Monitor for TDF side effects.
<b>Anticonvulsants</b>	
Topiramate	Risk of nephrotoxicity with TDF. Monitor renal function.
<b>Antidepressants</b>	
Lithium	Risk of nephrotoxicity with TDF. Monitor renal function.
<b>Antidiabetic</b>	
Empagliflozin	Risk of bone toxicity.
<b>Antifungals</b>	
Amphotericin B	Risk of nephrotoxicity with TDF. Monitor renal function.
Flucytosine	Monitor haematological parameters
Itraconazole	Increased TDF absorption. Monitor for TDF side effects.
Ketoconazole	Increased TDF absorption. Monitor for TDF side effects.
<b>Antiprotozoals</b>	
Eflornithine	Monitor renal function.
Meglumine antimoniate	Monitor renal function.
Pentamidine	Risk of nephrotoxicity with TDF. Monitor renal function.
Pyrimethamine	Monitor renal function.
<b>Antivirals</b>	
Aciclovir	Monitor renal function.
Adefovir	Risk of tubular necrosis. Contraindicated.
Cidofovir	Risk of nephrotoxicity with TDF. Monitor renal function.
Famciclovir	Monitor renal function.
Foscarnet	Risk of nephrotoxicity with TDF. Monitor renal function.
Ganciclovir	Risk of nephrotoxicity with TDF. Monitor renal function.
Valaciclovir	Risk of nephrotoxicity with TDF. Monitor renal function.
<b>Calcium Channel Blockers</b>	
Verapamil	Increased TDF absorption. Monitor for TDF side effects.

KEY: ■ Contraindicated ■ Avoid ■ Caution

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TDF/FTC	Comment
<b>Cytotoxics</b>	
Capecitabine	Monitor side effects of cytotoxic agent.
Carboplatin	Risk of nephrotoxicity with TDF. Monitor renal function.
Cisplatin	Risk of nephrotoxicity with TDF. Monitor renal function.
Dacarbazine	Monitor renal function and haematological parameters.
Ifosfamide	Risk of nephrotoxicity with TDF. Monitor renal function.
Methotrexate	Risk of nephrotoxicity with TDF. Monitor renal function.
Oxaliplatin	Risk of nephrotoxicity with TDF. Monitor renal function.
<b>Hepatitis C DAAs</b>	
Ledipasvir/Sofosbuvir	Increased TDF absorption. Monitor for TDF side effects.
Sofosbuvir/Velpatasvir	Increased TDF absorption. Monitor for TDF side effects.
Sofosbuvir/Velpatasvir/Voxilaprevir	Increased TDF absorption. Monitor for TDF side effects.
Telaprevir	Increased TDF absorption. Monitor for TDF side effects.
<b>Herbals/Supplements/Vitamins</b>	
Cubeb pepper (Piper cubeba)	Increased TDF absorption. Monitor for TDF side effects.
Garlic	Increased TDF absorption. Advise against use of supplements.
Liquorice (Glycyrrhiza glabra)	Increased TDF absorption. Monitor for TDF side effects.
<b>Hypertension / Heart Failure Agents</b>	
Furosemide	Monitor renal function.
Hydralazine	Risk of nephrotoxicity with TDF. Monitor renal function.
Ranolazine	Increased TDF absorption. Monitor for TDF side effects.
Sacubitril	Monitor renal function.
<b>Immune Modulators</b>	
Hydroxyurea (Hydroxycarbamide)	Risk of pancreatitis and hepatitis.
Interferon alpha	Risk of hepatic decompensation.
Interleukin 2 (Aldesleukin)	Risk of nephrotoxicity with TDF. Monitor renal function.
Peginterferon alfa-2a	Risk of hepatic decompensation.
<b>Immunosuppressants</b>	
Ciclosporin	Increased TDF absorption. Monitor for TDF side effects.
Mycophenolate	Monitor renal function.
Sirolimus	Monitor renal function.
Tacrolimus	Monitor renal function.
<b>Lipid Lowering Agents</b>	
Clofibrate	Monitor renal function.
<b>Other</b>	
Acetazolamide	Monitor renal function.
Penicillamine	Risk of nephrotoxicity with TDF. Monitor renal function.
Probenecid	Monitor renal function.
Pyridostigmine	Monitor renal function.