Tenofovir Disoproxil WANNING POSTMERATION ACUTE EXACEBRATION OF HEFATITIS BAND BISCOP DRUG RESISTANCE WITH USE OF EXMINICATION AND TENTONION BISCOPPOOR LIVERANCE WITH USE OF EXMINICATION AND TENTONION BISCOPPOOR LIVERANCE WITH USE OF EXPERIENCE AND AND THE CONTROL OF THE CONTROL OF

1 INDICATIONS AND USAGE 2.6 Dosage Adjustment in Individuals w Impairment 3 DOSAGE FORMS AND STRENGTHS CONTRANDICATIONS
 14 CLINICAL STUDIES
 Severe Acute Disacretization of Hepatitis Bin
 Severe Acute Disacretization of Hepatitis Bin
 2 Disacretization of Hepatitis Bin
 3 Disacretization of Hepatitis Bin
 3 Disacretization of Hepatitis Bin
 4 Clinical bin Results for NV-1 PIDP (PRIX
 4 Clinical bins Results for NV-1 PIDP (PRIX
 5 Cl

blets 200 mg/300 mg, for oral use litial U.S. Approval: 2004 2.2 HIV-1 Screening for Individuals Receiving Emtricitabine and Tenofovir Disoproxil Fumarate Tablets for HIV-1 PrEP See full prescribing information for complete boxed 
Server science searcharton of hepatitis. 8 BMJ 
have been reported in HEV infected influiduals with 
have discontinued micrification and Tecnolory disoperal insurate tablets. Hepatic function should 
be menitered design in these influiduals who discontinue; Intrictables and Tecnolory disoperal insurate tablets. Hepatic function should 
be menitered design in these influiduals who discontinue; Intrictables and Tecnolory disopposal 
through the server season of the server of 
the proper of the server of 
the proper in the server of 
the proper intervention of 
the proper to 
ministry and treat every a mental during 
with the use of 
intrictables and Tecnolory disopposal 
murants tablets for HIV. PFP disology undetected 
acuts HIV. Infection. Do not intuite a 
formittables and 
tecnolor disopposal 
murants tablets for HIV. PFP disopposity undetected 
acuts HIV. Infection. Do not intuite a 
formittables and 
tecnolor disopposal 
market about for HIV. PFP disopposity undetected 
acuts HIV. Infection. Do not intuite a 
formittables and 
terminated tablets for 
HIV. Infection 
Tecnolor disopposal 
market tablets for 
HIV. Infection 
Tecnolor 
HIV. Infection 
HIV. Infection 
Tecnolor 
HIV. Infection 
Tecnolor 
HIV. Infection 
HIV. Infect Body Weight (kg) (FTC/TDF)

	Creatinine Clearance (mL/min) <sup>a</sup>			
	≥50	30-49	<30 (Including Patients Requiring Hemodialysis)	
Recommended Dosing Interval	Every 24 hours	Every 48 hours	Emtricitabine and Tenofovir disoproxil fumarate tablet is not recommended.	
<ol> <li>Calculated using ideal (lean) bo</li> </ol>	ody weight			
HIV-1 PrEP Emtricitabine and Tenofovir disop	roxii fumarate tablets	for HIV-1 PrEP is not rea	commended in HIV-1 uninfected individuals with	
	na halow 60 ml /mir	) Iran Warnings and Bra	coutions (5.31)	
estimated creatinine clearanc	LE DELOW GO III LATER	Tree warmings and ree	cancers (stoy)	

HOUSE IN	4 CONTRAINDICATIONS Emtricitatione and Tenofovir disoproxil furmarate tablets for HIV-1 PrEP is contraindicated in individuals with unknown or positive
uring	HIV-1 status (see Warnings and Precautions (5.2)).
	5 WARNINGS AND PRECAUTIONS
having	5.1 Severe Acute Exacerbation of Hepatitis B in Individuals with HBV Infection
astfeed	All individuals should be tested for the presence of chronic hepatitis B virus (HBV) before or when initiating Emtricitabine and
	Tenofovir disoproxil furnarate tablets (see Dosage and Administration (2.1)).
	Severe acute exacerbations of hepatitis B (e.g., liver decompensation and liver failure) have been reported in HBV infected individuals who have discontinued Emfricitabline and Tenofovir disoproxil furmarate tablets. Individuals infected with HBV who discontinue
	Embled to be a sed Tomofor in discoveriff respects to block should be already meditared with both allelest and lab restory follow up for the set of the section of the sect

5.7 Risk of Adverse Reactions Due to Drug Interaction

Adverse Reactions from Clinical Trials Experience in HIV-1 Infected Subjects

	FTC+TDF+EFV <sup>b</sup>	AZT/3TC+EFV
	N=257	N=254
tigue	9%	8%
epression	9%	7%
usea	9%	7%
arrhea	9%	5%
zziness	8%	7%
per respiratory tract infections	8%	5%
usitis	8%	4%
sh event <sup>c</sup>	7%	9%
adache	6%	5%
omnia	5%	7%
sopharyngitis	5%	3%
miting	2%	5%

Clinical Trials in Pediatric Subjects

N=254

Table 7 Established and Significant <sup>a</sup> Drug Interactions: Alteration in Dose or Regimen May Be Recommended Bases  Concomitant Drug Class: Drug Name  Effect on Concentration  Clinical Comment				
NATE didanaine <sup>c</sup>	† ddanosine	Patients receiving Emiscitatione and Tendroiv disc frumantal tablets and distonaire should be mostled on furnational tablets and distonaire should be mostled on for disdinaire associated advisorire rescribes. Discon- diationaire in patients who develop disdinaire account advisorire transition and advisorire control patients and advisorire patients. And manageaphy Suppression of Coli- ciansh has been between in patients receiving 100 disdinaires 600 mg daily. In patients weighting greater from 64 kg, reduced disdinaires 600 mg daily. In patients weighting greater from 64 kg, reduced disdinaires for data for patient special from the collection disdinaires for adult or pedatic patients weighting 64 kg. When condeminated and visual from give taken for advisorities of the condemination of the condemination of the condemination of the condemination of the condemination of the disconsisting and the condemination of the condemination of the disconsisting and the condemination of the condemination of the disconsisting and the condemination of the condemination of the disconsistent and the condemination of the condemination of the disconsiste		
HIV-1 Protease Inhibitori: atazanavir <sup>c</sup>	į atazanavir	When coadministered with Emtricitabline and Tendisoproxili furnarate tablets, atazanavir 300 mg should be with ritonavir 100 mg.		
liopinavir/ritonavir⊂ atazanavir/ritonavir⊂ darunavir/ritonavir⊂	† tenafovir	Monitor patients receiving Emiticitation and Tenc disoprosil furnarate tables concomitantly with logic titionarily, filonomi-booted ataranavir, or illonomi- tionarily, filonomi-booted ataranavir, or illonomi- tionarily filonomi-booted ataranavir, or illonomi- tionarily filonomi-booted and produced pro- terior filonomi-booted adverse reactions. Discon Emiricitatione and Tenofoxir disconsiliration and pro- pagations with overloop TDF-associated adverse reactions.		

comparisons. In a pre/postnatal development study in rats, TDF was administered orally through lactation at doses up to 600 mg/ kg/day, no acheise effects were observed in the offspring at tendovir exposures of approximately 2.7 times higher than h

8.2 Lactation

Human Data

Grade 2-4<sup>a</sup>

live births (including over 3.300 exposed in the first trimester and over 1.300 exposed in the second/third trimester), the prevalence of major birth defects in live births was 2.6% (95% Ct. 2.1% to 3.2%) and 2.3% (95% Ct. 1.6% to 3.3%) following first and

n and Subcutaneous Tissue Disorders

8.4 Pediatric Use

Emtricitabine and Tenofovir Disoproxil Fumarate Tablets

(em tri SIT uh bean and te NOE' fo veer dye soe PROX il FYOU mar ate)

Read this Medication Guide before you start taking Emtricitabine and Tenofovir Disoproxil Fumarate Tablets and each time you get a refill. There may be new information. This information does not take the place of talking to your healthcare provider about your medical condition or your treatment.

This Medication Guide provides information about **two different ways** that Emtricitabine and Tenofovir Disoproxil Furnarate lablets may be used.

See the section "What is Emtricitabine and Tenofovir Disoproxil Furnarate Tablet?" for detailed information about how Emtricitabine and Tenofovir Disoproxil Furnarate Tablets may be used.

**Medication Guide** 

What is the most important information I should know about Emtricitabine and Tenofovir Disoproxil Fumarate Tablets?

Emtricitabine and Tenofovir Disoproxil Fumarate Tablets can cause serious side effects, including: Emtricitabine and Tenofovir Disoproxil Fumarate Tablets can cause serious side effects, including:

Worsening of hepatitis Bvirus infection (HBV). Your healthcare provider will test you for HBV before start or when you start treatment with Emtricitabine and Tenofovir Disoproxil Fumarate Tablets. If you have HBV infection and take Emtricitabine and Tenofovir Disoproxil Fumarate Tablets, your HBV may get worse (flare-up) if you stop taking Emtricitabine and Tenofovir Disoproxil Fumarate Tablets. A "flare-up" is when your HBV infection suddenly returns in a worse way than before.

Do not run out of Emtricitabine and Tenofovir Disoproxil Fumarate Tablets. Refill your prescription or talk to your healthcare provider before your Emtricitabine and Tenofovir Disoproxil Fumarate Tablets without first talking to your healthcare provider.

If you stop taking Emtricitabine and Tenofovir Disoproxil Fumarate Tablets without first talking to your healthcare provider.

If you stop taking Emtricitabine and Tenofovir Disoproxil Fumarate Tablets, your healthcare provider will need to check your health often and do blood tests regularly for several months to check your HBV infection, or give you a medicine to treat hepatitis. It ely your healthcare provider about any new or unusual symptoms you may have after you stop taking Emtricitabine and Tenofovir Disoproxil Fumarate Tablets.

For more information about side effects, see the section "What are the possible side effects of Emtricitabine and Tenofovir Disoproxil Fumarate Tablets?".

Other important information for people who take Emtricitabine and Tenofovir Disoproxil Fumarate Tablets to help reduce their risk of getting human immunodeficiency virus-1 (HIV-1) infection, also called pre-exposure prophylaxis or "PrEP": Before taking Emtricitabine and Tenofovir Disoproxil Fumarate Tablets to reduce your risk of getting HIV-1:

You must be HIV-1 negative to start Emtricitable and Tenofovir Disoproxil Furnarate Tablets. You must get tested to make sure that you do not already have HIV-1 infection.

Do not take Emtricitable and Tenofovir Disoproxil Furnarate Tablets for HIV-1 PrEP unless you are confirmed to be HIV-1 negative.

Some HIV-1 tests can miss HIV-1 infection in a person who has recently become infected. If you have fluilke symptoms, you could have recently become infected with HIV-1. Tell your healthcare provider if you had a fluilke liness within the last month before starting Emtricitable and Tenofovir Disoproxil Furnarate Tablets or at any time while taking Emtricitable and Tenofovir Disoproxil Expensed Tablets. The provided the provided that the provided the provided that the provided

Fumarate Tablets. Symptoms of new HIV-1 infection include:

• tiredness
• fever
• fever
• rash

joint ormuscle aches
headache
sore throat night sweatsenlarged lymph nodes in the neck or groin

While you are taking Emtricitabine and Tenofovir Disoproxil Fumarate Tablets for HIV-1 PrEP:

Emtricitabine and Tenofovir Disproxil Fumarate Tablets does not prevent other sexually transmitted.

infections (STIs). Practice safer sex by using a latex or polyure than e condom to reduce the risk of getting STIs.

Youmust stay HIV-negative to keep taking Emtricitabine and Tenofovir Disproxil Fumarate tablets for HIV-1 PtP.

Know your HIV-1 status and the HIV-1 status of your partners.

Ask your partners with HIV-1 if they are taking anti-HIV-1 medicines and have an undetectable viral An undetectable viral load is when the amount of virus in the blood is too low to be measured in test. To maintain an undetectable viral load, your partners must keep taking HIV-1 medicines every day.

YOUT ISSEST OF HIVD-1-IN-1 LIST OWER TO YOUR DISTORTING THE ALL ARRIVED OF GREEN THE ALL ARRIVED OF THE AL

Get tested for other STIs such as syphilis, chlamydia, and gonorrhea. These infections make it eafor HIV-1 to infect you.

If you think you were exposed to HIV-1 negative, tell your healthcare provider right away. They may want

Get him from the supposer to the tries the divide senditive behaviors.

Do not miss any doses of Emtricitabline and Tenofovir Disprovil Furnarate Tablets. Missing doses

 Increases your risk of getting HIV-1 infection.
 If you do become HIV-1 positive, you need more medicine than Emtricitabine and Tenofovir Disopro Fumarate Tablets alone to treat HIV-1. Emtricitabine and Tenofovir Disoproxil Fumarate Tablets by itself is

not a complete treatment for HIV-1.
If you have HIV-1 and take only Emtricitabine and Tenofovir Disoproxil Fumarate Tablets, over time your HIV-1 may become harder to treat.

What is Emtricitabine and Tenofovir Disoproxil Fumarate Tablet?  $\label{lem:embedding} Emtricitabine \ and \ Tenofovir \ Disoproxil \ Fumarate \ Tablet is a \ prescription \ medicine \ that \ may be used in two \ different \ ways. \ Emtricitabine \ and \ Tenofovir \ Disoproxil \ Fumarate \ Tablets \ are \ used:$ 

to treat HIV-1 infection when used with other anti-HIV-1 medicines in adults and children who weigh at least 37 pounds (at least 17 kg).

 for HIV-1 PrEP to reduce the risk of getting HIV-1 infection in adults and adolescents who weigh at least 77 pounds (at least 35 kg). HIV-1 is the virus that causes Acquired Immune Deficiency Syndrome (AIDS).

Emtricitabine and Tenofovir Disoproxil Fumarate Tablet contains the prescription medicines emtricitabine and enofovir disoproxil fumarate It is not known if Emtricitabine and Tenofovir Disoproxil Fumarate Tablets for treatment of HIV-1 infection are

safe and effective in children who weigh less than 37 pounds (17 kg). It is not known if Emtricitabine and Tenofovir Disoproxil Fumarate Tablets are safe and effective in reducing the risk of HIV-1 infection in people who weigh less than 77 pounds (35 kg).

 $For people taking {\tt Emtricitabine} \ and {\tt Tenofovir Disoproxil Fumarate Tablets} \ for {\tt HIV-1PreP:}$ 

Do not take Emtricitabline and Tenofovir Disoproxil Fumarate Tablets for HIV-1 PreP if:

• you already have HIV-1 infection. If you are HIV-1 positive, you need to take other medicines with Emtricitabline and Tenofovir Disoproxil Fumarate Tablets to treat HIV-1. Emtricitabline and Tenofovir Disoproxil Fumarate Tablets by itself is not a complete treatment for HIV-1. you do not know your HIV-1 infection status. You may already be HIV-1 positive. You need to take other HIV-1 medicines with Emtricitabine and Tenofovir Disoproxil Fumarate Tablets to treat HIV-1.

Emtricitabline and Tenofovir Disoproxil Fumarate Tablets can only help reduce your risk of getting HIV-1 before you are infected.

What should I tell my healthcare provider before taking Emtricitabine and Tenofovir Disoproxil Fumarate Tablets?

Before taking Emtricitabine and Tenofovir Disoproxil Fumarate Tablets, tell your healthcare provider about all of your medical conditions, including if you:

• have liver problems, including HBV infection
• have kidney problems or receive kidney dialysistreatment
• have bone problems

nave bone problems are pregnant. It is not known if Emtricitabline and Tenofovir Disoproxil Fumarate rap regnant or plan to become pregnant. It is not known if Emtricitabline and Tenofovir Disoproxil Fumarate tablets can harm your unborn baby. Tellyour healthcare provider if you become pregnant during freatment with Emtricitabline and Tenofovir Disoproxil Fumarate Tablets. Pregnancy Registry: There is a pregnancy registry for people who take Emtricitabline and Tenofovir Disoproxil Fumarate Tablets during pregnancy. The purpose of this registry is to collect information about the health of you and your baby. Talk with your healthcare provider about how you can take part in this registry.

registry.

are breastfeeding or plan to breastfeed. Emtricitabline and Tenofovir Disoproxil Fumarate Tablets can pass to your baby in your breast milk.

Do not breastfeed if you have HIV-1 or if you think you have recently become infected with HIV-1 because of the risk of passing HIV-1 to your baby.
 If you take Emtricitabline and Tenofovir Disoproxil Fumarate Tablets for HIV-1 PtP, talk with your healthcare provider about the best way to feed your baby.

Tell your healthcare provider about the best way to feed your baby.

Tell your healthcare provider about all the medicines you take, including prescription and over-the counter medicines, vitamins, and herbal supplements.

Some medicines may interact with Emtricitabine and Tenofovir Disoproxil Fumarate Tablets. Keep a list of your medicines and show it to your healthcare provider and pharmacist when you get a new medicine.

You can ask your healthcare provider or pharmacist for allst of medicines that interact with Emtricitabine and Tenofovir Disoproxil Fumarate Tablets.

Do not start a new medicine without telling your healthcare provider. Your healthcare provider can tell you lift its safe to take Emtricitabine and Tenofovir Disoproxil Fumarate Tablets.

How should I take Emtricitabine and Tenofovir Disoproxil Fumarate Tablets?

Take Emtricitabine and Tenofovir Disoproxil Fumarate Tablets to treat HIV-1 infection, you need to take other HIV-1 medicines. Your healthcare provider tells you need to take other HIV-1 medicines. Your healthcare provider will tell you what medicines to take and how to take them.

Take Emtricitabine and Tenofovir Disoproxil Fumarate Tablets are prescribed a lower strength.

TakeEmtricitabline and Tenofovir Disoproxil Fumarate Lablets i ume each usey will be missible to Children who take Emtricitabline and Tenofovir Disoproxil Fumarate Tablets are prescribed a lower strength tablet than adults. Children should swallow the Emtricitabline and Tenofovir Disoproxil Fumarate Tablet. Tell your healthcare provider if your child cannot swallow the tablet, because they may need a different HIV-merificine.

medicine.

 Your healthcare provider will change the dose of Emtricitabine and Tenofovir Disoproxil Furnarate Tablets as needed based on your child's weight.
 Do not change your dose or stop taking Emtricitabine and Tenofovir Disoproxil Furnarate Tablets without first talking with your healthcare provider. Stay under a healthcare provider's care when taking Emtricitabine and Tenofovir Disoproxil Furnarate Tablets.

It you take too much Emtricitabine and Tenofovir Disoproxil Furnarate Tablets.

Tablets.

If you take too much Emtricitabine and Tenofovir Disoproxil Fumarate Tablets, call your healthcare provider or go to the nearest hospital emergency room right away.

When your Emtricitabine and Tenofovir Disoproxil Fumarate Tablets supply starts torun low, get more from your healthcare provider or pharmacy.

If you are taking Emtricitabine and Tenofovir Disoproxil Fumarate Tablets for treatment of HIV-1, the amount of virus in your blood may increase if the medicine is stopped for even a short time. The virus may develop resistance to Emtricitabine and Tenofovir Disoproxil Fumarate Tablets and become harder to treat.

If you are taking Emtricitabine and Tenofovir Disoproxil Fumarate Tablets for HIV-1 PEP, missing doses increases your risk of getting HIV-1 infection.

## What are the possible side effects of Emtricitabine and Tenofovir Disoproxil Fumarate Tablets? $Emtric it abine and Tenofovir \, Disoproxil \, Fumarate \, Tablets \, may \, cause \, serious \, side \, effects, including: \, and \, cause \, serious \, side \, effects \, and \, cause \, serious \, and \, cause \, and \, cause \, and \, cause \, serious \, and \, cause \, serious \, and \, cause \, and \,$

• See "What is the most important information I should know about Emtricitabine and Tenofovir Disoproxil

See What is the most important information is notice know about emtrictable and Tendrovir Disoproxil
Fumarate Tablets?\*
 New or worse kidney problems, including kidney failure. Your health care provider should do blood andurine
tests to check your kidneys before you start and during treatment with Emtricitabline and Tenofovir Disoproxil
Fumarate Tablets. Your health care provider may tell you to take Emtricitabline and Tenofovir Disoproxil Fumarate
Tablets less often, or to stop taking Emtricitabline and Tenofovir Disoproxil Fumarate Tablets if you get new or
worse kidney problems.

Analest less often, or to storp taking entiticitabine and renotovir bisoproxiir urmarate rablets if you get new or worse kidney problems.

Changes in your immune system (Immune Reconstitution Syndrome) can happen when taking medicines to treat HIV-1 infection. Your immune system may get stronger and begin to fight infections that have been hidden in your body for a long time. Fell your healthcare provider right away if you start having any new symptoms after starting your HIV-1 medicine.

Sone problems can happen in some people who take Emtricitabine and Tenofovir Disoproxii Fumarate Tablets. Bone problems include bone pain, or softening or thinning of bones, which may lead to fractures. Your healthcare provider may need to do tests to check your bones.

Too much lactic acid in your blood (lactic acidosis). Too much lactic acid is a serious but rare medical emergency that can lead to death. Tell your healthcare provider right away if you get these symptoms: weakness or being more tired than usual, unusual muscle pain, being short of breath or fast breathing, stomach pain with nausea and vomitting, cold or blue hands and feet, feel dizzy or lightheaded, or a fast or abnormal heartbeatt.

Severe liver problems. In rare cases, severe liver problems can happen that can lead to death. Tell your healthcare provider right away if you get these symptoms: skin or the white part of your eyes turns yellow, dark "tea-colored" urine, light-colored stools, loss of appetite for several days or longer, nausea, or stomachare pain.

The most common side effects of Emtricitabine and Tenofovir Disoproxil Fumarate Tablets for treatment of HIV-1

The most common side effects of Emtricitabine and Tenofovir Disoproxil Fumarate Tablets for treatment of HIV-1 include:

depressionproblems sleepingabnormal dreamsrash

nauseatirednessheadachedizziness

 $Common \ side \ effects \ in \ people \ who \ take \ Emtricitabine \ and \ Tenofovir \ Disoproxil \ Fumarate \ Tablets \ for \ HIV-1 \ PrEP-include:$ 

• headache • stomach-area (abdomen) pain • decreased weight  $These \, are \, not \, all \, the \, possible \, side \, effects \, of \, Emtricitabline \, and \, Tenofovir \, Disoproxil \, Fumarate \, Tablets.$ Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

How should I store Emtricitabine and Tenofovir Disoproxil Fumarate Tablets?

Store Emitricitabine and Tenofovir Disoproxil Fumarate Tablets at room temperature between 68°F to 77°F (20°C to 25°C).

Keep Emitricitabine and Tenofovir Disoproxil Fumarate in its original container.

Keep the container tightly closed.

Donot use Emitricitabine and Tenofovir Disoproxil Fumarate if seal over bottle opening is broken or missing.

Keep Emtricitabine and Tenofovir Disoproxil Fumarate Tablets and all other medicines out of reach of children.

General information about Emtricitabine and Tenofovir Disoproxil Fumarate Tablets. Medicines are sometimes prescribed for purposes other than those listed in a Medication Guide. Do not use Emtricitabine and Tenofovir Disoproxil Fumariate Tablets for a condition for which it was not prescribed. Do not give Emtricitabine and Tenofovir Disoproxil Fumariate Tablets to other people, even if they have the same symptoms you have. It may harm them, You can ask your healthcare provider or pharmacist for information about Emtricitabine and Tenofovir Disoproxil Fumariate Tablets that is written for health professionals.

What are the ingredients in Emtricitabine and Tenofovir Disoproxil Fumarate Tablets?

 $\textbf{Active ingredients:} \ emtric it abine \ and \ tenofovir \ disoproxil \ fumarate.$ 

Inactive ingredients: croscarmellose sodium, lactose monohydrate, magnesium stearate, microcrystalline cellulose, and pregelatinized starch (gluten free). The tablets are coated with Opadry white Y-1-7000 which contains hypromellose 2910, polyethylene glycol 400 (macrogol) & titanium dioxide.

Manufactured by Strides Pharma Science Limited Bengaluru-562 106, India

Distributed by Strides Pharma Inc. East Brunswick, NJ 08816

For more information about Emtricitabine and Tenofovir Disoproxil Fumarate Tablets, call Strides Pharma Inc. at 1-877-244-9825 or go to www.strides.com.

Revised: 10/2020

## 8.6 Renal Impairment

HOOC `соон

12 CLINICAL PHARMACOLOGY

Table 8 Single Dose Pharmacokinetic Parameters for FTC and Tenofovir in Adults <sup>a</sup>				
	FTC	Tenofovir		
Fasted Oral Bioavallability» (%)	92 (83.1–106.4)	25 (NC-45.0)		
Plasma Terminal Elimination Half- Life= (hr)	10 (7.4–18.0)	17 (12.0-25.7)		
C <sub>max</sub> = (µg/mL)	1.8±0.724	0.30±0.09		
AUC: (µg-hr/mL)	10.0±3.12±	2.29±0.69		
CL/F: (mL/min)	302±94	1043±115		
CL <sub>const</sub> (mL/min)	213±89	243±33		

Pediatric Patients

Geriatric Patients

Patients with Hepatic Impairment

Coadministered Drug	Dose of Coadministered	N	% Change of Tenofovir Pharmacokinetic Parameters <sup>3</sup> (90% CI)			
	Drug (mg)		C <sub>max</sub>	AUC	C <sub>min</sub>	
Atazanavir <sup>e</sup>	400 once daily × 14 days	33	† 14 († 8 to † 20)	† 24 († 21 to † 28)	† 22 († 15 to † 30)	
Atazanavir/ Ritonaviro	300/100 once daily	12	† 34 († 20 to † 51)	† 37 († 30 to † 45)	† 29 († 21 to † 36)	
Darunavir/Ritonavir <sup>al</sup>	300/100 twice daily	12	† 24 († 8 to † 42)	† 22 († 10 to † 35)	† 37 († 19 to † 57)	
Indinavir	800 three times daily × 7 days	13	† 14 (↓ 3 to † 33)	0	0	
Ledipasvir/ Sofosbuvir <sup>e,/</sup>	90/400 once daily	24	† 47 († 37 to †58)	† 35 († 29 to † 42 )	† 47 († 38 to † 57)	
Ledipasvir/ Sofosbuvir <sup>e,g</sup>	× 10 days	23	† 64 († 54 to † 74)	† 50 († 42 to † 59)	† 59 († 49 to † 70)	
Ledipasvir/ Sofosbuvirh	90/400 once daily × 14 days	15	† 79 († 56 to † 104)	† 98 († 77 to † 123)	† 163 († 132 to † 197)	
Ledipasvir/ Sofosbuviri	90/400 once daily × 10 days	14	† 32 († 25 to † 39 )	† 40 († 31 to † 50)	† 91 († 74 to † 110)	
Ledipasvir/ Sofosbuviri	90/400 once daily × 10 days	29	† 61 († 51 to † 72)	† 65 († 59 to † 71)	† 115 († 105 to † 126)	
Lopinavir/Ritonavir	400/100 twice daily × 14 days	24	60	† 32 († 25 to † 38)	† 51 († 37 to † 66)	
Saquinavir/ Ritonavir	1000/100 twice daily × 14 days	35	60	69	† 23 († 16 to † 30)	
Sofosbuvir <sup>k</sup>	400 single dose	16	† 25 († 8 to †45)	40	69	
Sofosbuvir/ Velpatasvir	400/100 once daily	24	† 44 († 33 to † 55)	† 40 († 34 to † 46)	† 84 († 76 to † 92)	
Sofosbuvir/ Velpatasvir <sup>m</sup>	400/100 once daily	30	† 46 († 39 to † 54)	† 40 († 34 to † 45)	† 70 († 61 to † 79)	
Sofosbuvir/ Velpatasvir/Voxilaprevim	400/100/100 + Voxilaprevire 100 once daily	29	† 48 († 36 to † 61)	† 39 († 32 to † 46)	† 47 († 38 to † 56)	
Tacrolimus	0.05 mg/kg twice daily × 7 days	21	† 13 († 1 to † 27)	0	69	
	FOOTION LUISON HOLL	22	↓ 23	↓2	† 7	

13 NONCLINICAL TOXICOLOGY

% Change of Coadministered Drug Pharmacokinetic Parameters\* (90% CI)

↓ 28 (↓ 50 to ↑ 5) ↓ 25° (↓ 42 to ↓ 3)

Tipranavir/Ritonavir 750/200 twice daily (23 doses) 20 ↓ 11 ↓ 9 ↓ 12 (↓ 16 to ↓ 4) (↓ 15 to ↓ 3) (↓ 22 to 0)

Saquinavir/Ritonavir 1000/1001wice daily × 14 days

Antiviral Activity

Trial	Population	Study Arms (N)*	Timepoint
Study 934 <sup>ts</sup> (NCT00112047)	HV-infected, treatment-naive adults	FTC+TDF + efavirenz (257) zidovudine/lamivudine + efavirenz (254)	48 Weeks
iPrEx= (NCT00458393)	HIV-seronegative men or transgender women who have sex with men	Emtricitabine and Tenofovir disoproxil fumarate tablets (1,251) Placebo (1,248)	4,237 person- years
Partners PrEPE	HIV secontiscondant heterosewial	Emtricitabine and Tenofovir	

14.2 Clinical Trial Results for Treatment of HIV-1: Study 934

	At We	At Week 48		At Week 144	
Outcomes	FTC+TDF +EFV (N=244)	AZT/3TC +EFV (N=243)	FTC+TDF +EFV (N=227)*	AZT/3TC +EFV (N=229)*	
Responder <sup>b</sup>	84%	73%	71%	58%	
Virologic fallure:	2%	4%	3%	6%	
Rebound	1%	3%	2%	5%	
Never suppressed	0%	0%	0%	0%	
Change in antiretroviral regimen	1%	1%	1%	1%	
Death	<1%	1%	1%	1%	
Discontinued due to adverse event	4%	9%	5%	12%	