

Zepatier (elbasvir/grazoprevir)

Override(s)	Approval Duration
Prior Authorization Quantity Limit	Based on Genotype, Treatment status, Cirrhosis status, NS5A Resistant-associated Polymorphism status, or Prior Virologic Response status

Medications	Quantity Limit
Zepatier (elbasvir/grazoprevir)	1 tablet per day

APPROVAL DURATION

Genotype and Status (HCV mono-infected or HCV/HIV-1 co-infected ^a)	Associated Treatment Regimen	Total Approval Duration of Zepatier
Genotype 1b (treatment-naïve or dual P/R ^{2b} treatment-experienced, with compensated cirrhosis or without cirrhosis)	Zepatier	12 weeks
Genotype 1a or 1b (triple ^{2d} treatment-experienced, with compensated cirrhosis or without cirrhosis)	Zepatier + RBV	12 weeks
Genotype 1a (treatment-naïve or dual P/R ^{2b} treatment-experienced, with compensated cirrhosis, or without cirrhosis without baseline NS5A resistant-associated polymorphism)	Zepatier	12 weeks
Genotype 1a (treatment-naïve or dual P/R ^{2b} treatment-experienced, with compensated cirrhosis or without cirrhosis, with baseline NS5A resistant-associated polymorphism)	Zepatier + RBV	16 weeks
Genotype 1a (post-kidney transplant, treatment-naïve or dual P/R ^{2b} treatment-experienced, with compensated cirrhosis or without cirrhosis, without baseline NS5A resistant-associated polymorphism)	Zepatier	12 weeks

Genotype 1b or 4 (post-kidney transplant, treatment-naïve or dual P/R ^{2b} treatment-experienced, with compensated cirrhosis or without cirrhosis)	Zepatier	12 weeks
Genotype 4 (treatment-naïve, with compensated cirrhosis or without cirrhosis)	Zepatier	12 weeks
Genotype 4 (dual P/R ^{2b} treatment-experienced with compensated cirrhosis or without cirrhosis)	Zepatier + RBV	16 weeks

APPROVAL CRITERIA

Requests for Zepatier (elbasvir/grazoprevir) may be approved if the following criteria are met:

- I. Individual is 12 years of age or older, or weighing at least 30 kg; **AND**
- II. Documentation is provided for a diagnosis of chronic hepatitis C (CHC) infection^a, which includes genotype and a positive HCV RNA result (AASLD/IDSA 2017, CDC 2013); **AND**
- III. Individual has received baseline evaluation for liver fibrosis to guide appropriate therapy; **AND**
- IV. Individual does not have a short life expectancy (less than 12 months owing to non-liver related comorbid conditions) that cannot be remediated by treating HCV, by transplantation or other directed therapy (AASLD/IDSA 2017); **AND**
- V. Individual has compensated¹ liver disease (with or without cirrhosis); **AND**
- VI. If Genotype 1a subtype is present, a copy of the baseline NS5A resistant-associated polymorphism test result is provided;

AND

- VII. Individual has had a prior trial (medication samples/coupons/discount cards are excluded from consideration as a trial) and inadequate response to brand Epclusa (sofosbuvir/velpatasvir), unless one of the following conditions apply:
 - A. Individual is using in **one** of the following antiviral treatment regimens (Label/AASLD/IDSA 2021):
 1. As monotherapy for **one** of the following:

- a. Individual is treatment-naïve or dual P/R^{2b} treatment-experienced, with compensated¹ cirrhosis or without cirrhosis, and Genotype 1b, or Genotype 1a without a baseline NS5A resistant-associated polymorphism at amino acid positions M28, Q30, L31, and Y93; **AND**
- b. Individual meets one of the following criteria:
 - i. Prior trial of brand Epclusa (sofosbuvir/velpatasvir) with documented hypersensitivity, as manifested by a severe allergic reaction to any ingredient which is not also in Zepatier; **OR**
 - ii. Individual is currently on and completing a course of therapy with Zepatier; **OR**
 - iii. Individual is concurrently using an agent that cannot be substituted with another agent or temporarily discontinued and is contraindicated or not recommended for concomitant use with the preferred regimen or regimens;

OR

- c. Individual is treatment-naïve, with compensated¹ cirrhosis or without cirrhosis, and Genotype 4; **AND**
- d. Individual meets one of the following criteria:
 - i. Prior trial of brand Epclusa (sofosbuvir/velpatasvir) with documented hypersensitivity, as manifested by a severe allergic reaction to any ingredient which is not also in Zepatier; **OR**
 - ii. Individual is currently on and completing a course of therapy with Zepatier; **OR**
 - iii. Individual is concurrently using an agent that cannot be substituted with another agent or temporarily discontinued and is contraindicated or not recommended for concomitant use with the preferred regimen or regimens;

OR

- e. Individual is post-kidney transplantation, treatment-naïve or dual P/R^{2b} treatment-experienced, with compensated¹ cirrhosis or without cirrhosis, and Genotype 1b, or Genotype 1a without a baseline NS5A resistant-associated polymorphism at amino acid positions M28, Q30, L31, and/or Y93, or Genotype 4; **AND**

OR

- 2. In combination with ribavirin for **one** of the following:
 - a. Individual is treatment-naïve or dual P/R^{2b} treatment-experienced, with compensated¹ cirrhosis or without cirrhosis, and Genotype 1a with a baseline NS5A resistant-associated polymorphism at amino acid positions M28, Q30, L31, and/or Y93; **OR**
 - b. Individual is triple^{2d} treatment-experienced, with compensated¹ cirrhosis or without cirrhosis, and Genotype 1b or 1a;

AND

- c. Individual meets one of the following criteria:

- i. Prior trial of brand Epclusa (sofosbuvir/velpatasvir) with documented hypersensitivity, as manifested by a severe allergic reaction to any ingredient which is not also in Zepatier; **OR**
- ii. Individual is currently on and completing a course of therapy with Zepatier; **OR**
- iii. Individual is concurrently using an agent that cannot be substituted with another agent or temporarily discontinued and is contraindicated or not recommended for concomitant use with the preferred regimen or regimens;

OR

- d. Individual is a dual P/R^{2b}treatment-experienced with compensated¹ cirrhosis or without cirrhosis, and Genotype 4; **AND**
- e. Individual meets one of the following criteria:
 - iv. Prior trial of brand Epclusa (sofosbuvir/velpatasvir) with documented hypersensitivity, as manifested by a severe allergic reaction to any ingredient which is not also in Zepatier; **OR**
 - v. Individual is currently on and completing a course of therapy with Zepatier; **OR**
 - vi. Individual is concurrently using an agent that cannot be substituted with another agent or temporarily discontinued and is contraindicated or not recommended for concomitant use with the preferred regimen or regimens;

Zepatier (elbasvir/grazoprevir) may not be approved for the following:

- I. Individual has decompensated¹ cirrhosis, or any history or prior hepatic decompensation; **OR**
- II. Individual is requesting in concurrent therapy with contraindicated or not recommended agents, including but not limited to the following: strong cytochrome (CYP) 3A4 inducers (including but not limited to, efavirenz, phenytoin, phenobarbital, carbamazepine, St John's Wort, rifampin, rifabutin, rifapentine), organic anion transporting peptide (OATP) 1B1/1B3 inhibitors (including but not limited to, atazanavir, darunavir, lopinavir, saquinavir, tipranavir, cyclosporine, eltrombopag, ritonavir-containing regimens), cobicistat-containing regimens, nevirapine, nafcillin, etravirine, modafinil, bosentan, oral ketoconazole; **OR**
- III. Individual is using in combination with a regimen containing another NS3/4A^{2c} protease inhibitor; **OR**
- IV. Individual is using in combination with a regimen containing another NS5A^{2a} inhibitor; **OR**
- V. Individual is using in combination with a regimen containing a NS5B polymerase inhibitor other than sofosbuvir (such as dasabuvir); **OR**
- VI. Individual is requesting the regimen for re-treatment and either failed to achieve a SVR (defined as a lower limit HCV RNA of 25 IU/mL) or relapsed after achieving a SVR during

a prior successfully completed treatment regimen consisting of a NS5B polymerase inhibitor (such as dasabuvir or sofosbuvir) or an NS5A^{2a} inhibitor.

Notes:

^aPer label and AASLD/IDSA treatment guidance, Zepatier (grazoprevir/elbasvir) may be used in individuals who are co-infected with human immunodeficiency virus-1 (HIV-1).

1. Compensated Liver Disease:

According to the American Association for the Study of Liver Diseases (AASLD/IDSA 2017), the specific criteria for compensated liver disease include all of the following: a total bilirubin; serum albumin; prothrombin time/INR; presence of ascites; and presence of hepatic encephalopathy. However, these criteria do not establish a comprehensive definition of compensated liver disease. The AASLD guidance refers to compensated liver disease as Class A based on the Child Pugh-Turcotte (CPT) classification scoring system.

Moderate to Severe (Decompensated) Liver Disease:

The AASLD guidance refers to decompensated (moderate to severe) liver disease as Class B or C based on the Child-Pugh Turcotte (CPT) classification scoring system.

Child Pugh Classification (AASLD/IDSA 2017)

Points Assigned	Parameters		
	1 point	2 points	3 points
Total Bilirubin (µmol/L)	<34	34-50	>50
Serum Albumin (g/L)	>35	28-35	<28
Prothrombin time/INR	<1.7	1.71-2.30	>2.30
Ascites	None	Mild	Moderate to Severe
Hepatic Encephalopathy	None	Grade I-II (or suppressed with medication)	Grade III-IV (or refractory)

Child Pugh Score Interpretation (AASLD/IDSA 2017)

Class A	5-6 points	Well compensated liver disease
Class B	7-9 points	Significant functional compromise (moderate hepatic impairment)
Class C	10-15 points	Uncompensated liver disease (severe hepatic impairment)

2. Past Treatment Exposure Definitions (AASLD/IDSA 2017):

- a. NS5A Inhibitor: includes daclatasvir, ledipasvir, elbasvir, ombitasvir, pibrentasvir, or velpatasvir-containing regimens
- b. P/R: includes peginterferon (or non-pegylated interferon) ± ribavirin

- c. NS3/4A Protease Inhibitor: includes simeprevir, grazoprevir, paritaprevir, glecaprevir, and voxilaprevir-containing regimens
- d. Triple therapy: includes NS3 protease inhibitor (simeprevir, boceprevir or telaprevir) plus peginterferon and ribavirin
- e. Direct Acting Antiviral (DAA): includes NS5A inhibitors, NS3/4A protease inhibitors, and NS5B polymerase inhibitors (sofosbuvir, dasabuvir)
- f. P/R/S: includes peginterferon (or non-pegylated interferon) ± ribavirin ± sofosbuvir

3. Chronic Kidney Disease (CKD) Definitions (AASLD/IDSA 2017):
 Severe CKD (Stage 4): eGFR 15-29 mL/min
 End-Stage CKD (Stage 5): eGFR < 15 mL/min

4. **Metavir Scoring Systems for Fibrosis Staging (AASLD 2009):**

Stage (F)	
0	No fibrosis
1	Periportal fibrotic expansion
2	Periportal septae 1 (septum)
3	Porto-central septae
4	Cirrhosis

5. Hepatitis C virus (HCV) direct acting antiviral (DAA) agents have a black box warning for risk of hepatitis B virus (HBV) reactivation in individuals with HCV-HBV co-infection. Individuals should be tested for evidence of current or prior HBV infection prior to initiation of DAA therapy. HBV reactivation has been reported in HCV/HBV co-infected individuals currently taking or previously completed DAA therapy and not concomitantly receiving HBV antiviral therapy. Some cases of HBV reactivation have led to fulminant hepatitis, hepatic failure, and death. Individuals should be monitored for hepatitis flare or HBV reactivation during and following HCV DAA therapy. Individuals should be appropriately managed for HBV infection as indicated.

Key References:

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3. DrugPoints® System [electronic version]. Truven Health Analytics, Greenwood Village, CO. Updated periodically.
4. Lexi-Comp ONLINE™ with AHFS™, Hudson, Ohio: Lexi-Comp, Inc.; 2022; Updated periodically.
5. American Association for the Study of Liver Diseases and the Infectious Disease Society of America, in collaboration with the International Antiviral Society-USA. Recommendations for testing, managing and treating hepatitis C. Available at <http://www.hcvguidelines.org/>. Published on: January 29, 2014. Updated on: September 29, 2021. Accessed on: January 26, 2022.
6. Centers for Disease Control and Prevention. Testing for HCV Infection: An Update of Guidance for Clinicians and Laboratorians. *MMWR*. 2013; 62(18):362-365. Available from: <https://www.cdc.gov/mmwr/pdf/wk/mm6218.pdf>. Accessed on: January 26, 2022.
7. Kamal SM. Acute hepatitis C: a systematic review. *Am J Gastroenterol*. 2008;103(5):1283-1297.
8. U.S. Department of Health and Human Services AIDSinfo treatment guidelines. Considerations for Antiretroviral Use in Patients with Coinfections. Available at <https://aidsinfo.nih.gov/guidelines/html/1/adult-and-adolescent-arv/26/hcv-hiv>. Accessed on: January 13, 2021.

9. Wyles D, Weiland O, Yao B, et al. Retreatment of patients who failed glecaprevir/pibrentasvir treatment for hepatitis C virus infection. *J Hepatol.* 2019;70(5):1019-1023.

Federal and state laws or requirements, contract language, and Plan utilization management programs or policies may take precedence over the application of this clinical criteria.

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