

# Sovaldi (sofosbuvir)

Override(s)	Approval Duration
Prior Authorization Quantity Limit	Based on Age, Genotype, Treatment status, Cirrhosis status, Transplant status, Polymorphism status, or Ribavirin Eligibility status

Medication	Quantity Limit
Sovaldi (sofosbuvir)	1 tablet per day

## APPROVAL DURATION

Genotype and Status (HCV mono-infected or HCV/HIV-1 co-infected <sup>a</sup> )	Associated Treatment Regimens	Total Approval Duration of Sovaldi
Adolescent <sup>†</sup> , Genotype 2 (treatment-naïve or dual P/R <sup>2b</sup> treatment-experienced, with compensated cirrhosis or without cirrhosis)	Sovaldi + RBV	12 weeks
Adolescent <sup>†</sup> , Genotype 3 (treatment-naïve or dual P/R <sup>2b</sup> treatment-experienced, with compensated cirrhosis or without cirrhosis)	Sovaldi + RBV	24 weeks
Genotype 1 (treatment-naïve or dual treatment-experienced <sup>+</sup> , without cirrhosis)	Sovaldi + Olysio	12 weeks
Genotype 1 or 4 (treatment-naïve or -experienced, post-liver allograft transplant, with compensated cirrhosis or without cirrhosis)	Sovaldi + Olysio ± RBV	12 weeks
Genotype 1 (treatment-naïve or dual P/R <sup>2b</sup> treatment-experienced, without cirrhosis)	Sovaldi + Daklinza	12 weeks
Genotype 2 (treatment-naïve or dual P/R <sup>2b</sup> treatment-experienced, without cirrhosis)	Sovaldi + Daklinza	12 weeks
Genotype 2 (treatment-naïve or dual P/R <sup>2b</sup> treatment-experienced, with compensated cirrhosis)	Sovaldi + Daklinza	16 or 24 weeks
Genotype 3 (treatment-naïve or dual P/R <sup>2b</sup> treatment-experienced, without cirrhosis, no Y93H polymorphism)	Sovaldi + Daklinza	12 weeks
Genotype 3 (treatment-naïve, with compensated cirrhosis)	Sovaldi + Daklinza ± RBV	24 weeks
Genotypes 1, 2, 3, 4, 5, or 6 (treatment-naïve or -experienced, post-liver allograft transplant,	Sovaldi + Daklinza + RBV	12 weeks

with-compensated cirrhosis or without cirrhosis)		
Genotypes 2 or 3 (treatment-naïve or -experienced, post-liver allograft transplant, with decompensated cirrhosis)	Sovaldi + Daklinza + RBV	12 weeks
Genotypes 1, 2, 3, or 4 (treatment-naïve or -experienced without sofosbuvir or NS5A <sup>2a</sup> , with decompensated cirrhosis)	Sovaldi + Daklinza + RBV	12 weeks
Genotypes 1, 2, 3, or 4 (treatment-naïve or -experienced without sofosbuvir or NS5A <sup>2a</sup> , ribavirin ineligible, with decompensated cirrhosis)	Sovaldi + Daklinza	24 weeks
Genotypes 2, 3, 5, or 6 (treatment-naïve or -experienced, post-kidney transplant, with compensated cirrhosis or without cirrhosis)	Sovaldi + Daklinza + RBV	12 weeks
Genotype 3 (dual P/R <sup>2b</sup> treatment-experienced with compensated cirrhosis)	Sovaldi + Zepatier	12 weeks

<sup>†</sup>The September 2017 AASLD/IDSA treatment guidance defines treatment-eligible adolescents as 12-17 years old or weighing at least 35 kg.

## **APPROVAL CRITERIA**

Requests for Sovaldi (sofosbuvir) may be approved if the following criteria are met:

- I. Documentation is provided for a diagnosis of chronic hepatitis C (CHC) infection<sup>a</sup>, which includes genotype and a positive HCV RNA result (AASLD/IDSA 2017, CDC 2013); **AND**
- II. 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**
- III. Individuals who abuse alcohol or intravenous drugs must be enrolled in a substance abuse program; **AND**
- IV. Individual has compensated<sup>1</sup> liver disease (with or without cirrhosis) or decompensated<sup>1</sup> liver disease;

### **AND**

- V. Individual is using with **one** of the following antiviral treatment regimens (AASLD/IDSA 2017):
  - A. In combination with ribavirin for the following:
    1. Individual is 12 to 17 years of age (or less than 12 years of age and at least 35 kg), with compensated cirrhosis or without cirrhosis, and Genotype 2 or 3;

### **OR**

- B. Individual is 18 years of age or older; **AND**
- C. In combination with Olysio (simeprevir) for the following:
  1. Individual is treatment-naïve or dual P/R<sup>2b</sup> treatment-experienced, without cirrhosis and Genotype 1; **AND**

2. Individual has had a prior trial (medication samples/coupons/discount cards are excluded from consideration as a trial) and inadequate response to authorized generic Epclusa (sofosbuvir/velpatasvir) OR Mavyret ; **OR**
  - a. Individual is currently on and completing a course of therapy with the requested regimen; **OR**
  - b. Documented hypersensitivity, as manifested by a severe allergic reaction, to any ingredient in authorized generic Epclusa (sofosbuvir/velpatasvir) OR Mavyret which is not also in Sovaldi or Olysio; **OR**
  - c. 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 regimens;

**OR**

- D. Individual is 18 years of age or older; **AND**
- E. In combination with Olysio (simeprevir) with or without ribavirin for the following:
  1. Individual is treatment-naïve or treatment-experienced, post-liver allograft transplant recipient with compensated<sup>1</sup> cirrhosis, and Genotypes 1 or 4;

**OR**

2. Individual is treatment-naïve or treatment-experienced, post-liver allograft transplant recipient without cirrhosis, and Genotypes 1 or 4; **AND**
3. Individual has had a prior trial (medication samples/coupons/discount cards are excluded from consideration as a trial) and inadequate response to Mavyret; **OR**
  - a. Individual is currently on and completing a course of therapy with the requested regimen; **OR**
  - b. Documented hypersensitivity, as manifested by a severe allergic reaction, to any ingredient in Mavyret which is not also in Sovaldi or Olysio; **OR**
  - c. 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 regimens;

**OR**

- F. Individual is 18 years of age or older; **AND**
- G. In combination with Daklinza (daclatasvir) for **one** of the following:
  1. Individual is treatment-naïve, dual P/R<sup>2b</sup> treatment-experienced without cirrhosis and Genotype 1; **AND**
  2. Individual has had a prior trial (medication samples/coupons/discount cards are excluded from consideration as a trial) and inadequate response to authorized generic Epclusa (sofosbuvir/velpatasvir) OR Mavyret; **OR**
    - a. Individual is currently on and completing a course of therapy with the requested regimen; **OR**
    - b. Documented hypersensitivity, as manifested by a severe allergic

reaction, to any ingredient in authorized generic Epclusa (sofosbuvir/velpatasvir) OR Mavyret which is not also in Sovaldi or Daklinza; **OR**

- c. 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 regimens;

**OR**

- 3. Individual is treatment-naïve or dual P/R<sup>2b</sup> treatment-experienced with compensated<sup>1</sup> cirrhosis or without cirrhosis, and Genotype 2; **AND**
- 4. Individual has had a prior trial (medication samples/coupons/discount cards are excluded from consideration as a trial) and inadequate response to authorized generic Epclusa (sofosbuvir/velpatasvir) OR Mavyret; **OR**
  - a. Individual is currently on and completing a course of therapy with the requested regimen; **OR**
  - b. Documented hypersensitivity, as manifested by a severe allergic reaction, to any ingredient in authorized generic Epclusa (sofosbuvir/velpatasvir) OR Mavyret which is not also in Sovaldi or Daklinza; **OR**
  - c. 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 post-liver allograft transplant recipient;

**OR**

- 5. Individual is treatment-naïve without cirrhosis, no polymorphism present at Y93H amino acid position, and Genotype 3; **AND**
- 6. Individual has had a prior trial (medication samples/coupons/discount cards are excluded from consideration as a trial) and inadequate response to authorized generic Epclusa (sofosbuvir/velpatasvir) OR Mavyret ; **OR**
  - a. Individual is currently on and completing a course of therapy with the requested regimen; **OR**
  - b. Documented hypersensitivity, as manifested by a severe allergic reaction, to any ingredient in authorized generic Epclusa (sofosbuvir/velpatasvir) OR Mavyret which is not also in Sovaldi or Daklinza; **OR**
  - c. 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 post-liver allograft transplant recipient;

**OR**

- 7. Individual is dual P/R<sup>2b</sup> treatment-experienced without cirrhosis, no polymorphism present at Y93H amino acid position, and Genotype 3; **AND**
- 8. Individual has had a prior trial (medication samples/coupons/discount cards are excluded from consideration as a trial) and inadequate response to authorized generic Epclusa (sofosbuvir/velpatasvir); **OR**
  - a. Individual is currently on and completing a course of therapy with the

- requested regimen; **OR**
- b. Documented hypersensitivity, as manifested by a severe allergic reaction, to any ingredient in authorized generic Epclusa (sofosbuvir/velpatasvir) which is not also in Sovaldi or Daklinza; **OR**
- c. 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 regimens; **OR**
- d. Individual is a post-liver allograft transplant recipient;

**OR**

- 9. Individual is treatment-naïve or treatment-experienced without a sofosbuvir or NS5A<sup>2a</sup>-containing regimen, ribavirin ineligible, with decompensated<sup>1</sup> cirrhosis and Genotypes 1, 2, 3, or 4;

**AND**

- 10. Individual has had a prior trial (medication samples/coupons/discount cards are excluded from consideration as a trial) and inadequate response to authorized generic Epclusa (sofosbuvir/velpatasvir); **OR**
  - a. Individual is currently on and completing a course of therapy with the requested regimen; **OR**
  - b. Documented hypersensitivity, as manifested by a severe allergic reaction, to any ingredient in authorized generic Epclusa (sofosbuvir/velpatasvir) which is not also in Sovaldi or Daklinza ; **OR**
  - c. 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**

- H. Individual is 18 years of age or older; **AND**
- I. In combination with Daklinza (daclatasvir) with or without ribavirin for the following:
  - 1. Individual is treatment-naïve, with compensated<sup>1</sup> cirrhosis, and Genotype 3; **AND**
  - 2. Individual has had a prior trial (medication samples/coupons/discount cards are excluded from consideration as a trial) and inadequate response to authorized generic Epclusa (sofosbuvir/velpatasvir) OR Mavyret; **OR**
    - a. Individual is currently on and completing a course of therapy with the requested regimen; **OR**
    - b. Documented hypersensitivity, as manifested by a severe allergic reaction, to any ingredient in authorized generic Epclusa (sofosbuvir/velpatasvir) OR Mavyret which is not also in Sovaldi or Daklinza; **OR**
    - c. 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 post-liver allograft transplant recipient;

**OR**

- J. Individual is 18 years of age or older; **AND**
- K. In combination with Daklinza (daclatasvir) and ribavirin for **one** of the following:
  - 1. Individual is treatment-naïve or treatment-experienced without a sofosbuvir or NS5A<sup>2a</sup>-containing regimen, with decompensated<sup>1</sup> cirrhosis and Genotypes 2, or 3; **AND**
  - 2. Individual has had a prior trial (medication samples/coupons/discount cards are excluded from consideration as a trial) and inadequate response to authorized generic Epclusa (sofosbuvir/velpatasvir); **OR**
    - a. Individual is currently on and completing a course of therapy with the requested regimen; **OR**
    - b. Documented hypersensitivity, as manifested by a severe allergic reaction, to any ingredient in authorized generic Epclusa (sofosbuvir/velpatasvir) which is not also in Sovaldi or Daklinza; **OR**
    - c. 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 post-liver allograft transplant recipient;

**OR**

- 3. Individual is treatment-naïve or treatment-experienced without a sofosbuvir or NS5A<sup>2a</sup>-containing regimen, with decompensated<sup>1</sup> cirrhosis and Genotype 1 or 4; **AND**
- 4. Individual has had a prior trial (medication samples/coupons/discount cards are excluded from consideration as a trial) and inadequate response to authorized generic Epclusa (sofosbuvir/velpatasvir); **OR**
  - a. Individual is currently on and completing a course of therapy with the requested regimen; **OR**
  - b. Documented hypersensitivity, as manifested by a severe allergic reaction, to any ingredient in authorized generic Epclusa (sofosbuvir/velpatasvir) which is not also in Sovaldi or Daklinza; **OR**
  - c. 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**

- 5. Individual is a post-liver allograft transplant recipient, with compensated<sup>1</sup> cirrhosis and Genotypes 1, 4, 5, or 6;

**OR**

- 6. Individual is a post-liver allograft transplant recipient, without cirrhosis and Genotypes 1, 4, 5, or 6; **AND**
- 7. Individual has had a prior trial (medication samples/coupons/discount cards are excluded from consideration as a trial) and inadequate response to Mavyret; **OR**
  - a. Individual is currently on and completing a course of therapy with the requested regimen; **OR**

- b. Documented hypersensitivity, as manifested by a severe allergic reaction, to any ingredient in Mavyret which is not also in Sovaldi or Daklinza; **OR**
- c. 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**

- 8. Individual is a post-liver allograft transplant recipient, without cirrhosis, and Genotypes 2 or 3; **AND**
- 9. Individual has had a prior trial (medication samples/coupons/discount cards are excluded from consideration as a trial) and inadequate response to Mavyret; **OR**
  - a. Individual is currently on and completing a course of therapy with the requested regimen; **OR**
  - b. Documented hypersensitivity, as manifested by a severe allergic reaction, to any ingredient in Mavyret which is not also in Sovaldi or Daklinza; **OR**
  - c. 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**

- 10. Individual is a post-liver allograft transplant recipient, with compensated<sup>1</sup> cirrhosis, and Genotypes 2 or 3;

**OR**

- 11. Individual is a post-liver allograft transplant recipient, with decompensated<sup>1</sup> cirrhosis, and Genotypes 2 or 3; **AND**
- 12. Individual has had a prior trial (medication samples/coupons/discount cards are excluded from consideration as a trial) and inadequate response to authorized generic Epclusa (sofosbuvir/velpatasvir); **OR**
  - a. Individual is currently on and completing a course of therapy with the requested regimen; **OR**
  - b. Documented hypersensitivity, as manifested by a severe allergic reaction, to any ingredient in authorized generic Epclusa (sofosbuvir/velpatasvir) which is not also in Sovaldi or Daklinza; **OR**
  - c. 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**

- 13. Individual is a post-kidney transplant recipient, with compensated<sup>1</sup> cirrhosis or without cirrhosis, and Genotypes 2, 3, 5, or 6; **AND**
- 14. Individual has had a prior trial (medication samples/coupons/discount cards are excluded from consideration as a trial) and inadequate response to Mavyret; **OR**
  - a. Individual is currently on and completing a course of therapy with the requested regimen; **OR**

- b. Documented hypersensitivity, as manifested by a severe allergic reaction, to any ingredient in Mavyret which is not also in Sovaldi or Daklinza; **OR**
- c. 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**

H. Individual is 18 years of age or older; **AND**

I. In combination with Zepatier for the following:

- 1. Individual is dual P/R<sup>2b</sup> treatment-experienced, with compensated<sup>1</sup> cirrhosis and Genotype 3.

Sovaldi (sofosbuvir) may **not** be approved for the following:

- I. Individual has severe or end-stage CKD3 or requires dialysis; **OR**
- II. Individual is using in combination with daclatasvir and a known NS5A polymorphism is present; **OR**
- III. Individual is requesting in concurrent therapy with contraindicated or not recommended agents, such as but not limited to the following: amiodarone, carbamazepine, phenytoin, phenobarbital, oxcarbazepine, rifabutin, rifampin, rifapentine, St John's Wort, tipranavir/ritonavir; **OR**
- IV. Individual is using in combination with a regimen containing a non-nucleoside NS5B polymerase inhibitor (such as dasabuvir); **OR**
- V. Individual is using in combination with a regimen containing a NS3/4A<sup>2c</sup> protease inhibitor other than simeprevir or elbasvir/grazoprevir; **OR**
- VI. Individual is using in combination with a regimen containing a NS5A<sup>2a</sup> inhibitor other than daclatasvir or elbasvir/grazoprevir; **OR**
- VII. Individual is requesting for re-treatment in combination with simeprevir 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 NS3/4A<sup>2c</sup> protease inhibitor NS5B polymerase inhibitor (such as sofosbuvir or dasabuvir), or NS5A<sup>2a</sup> inhibitor; **OR**
- VIII. Individual is requesting for re-treatment in combination with simeprevir 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 triple<sup>2d</sup> therapy treatment regimen, unless requested following a liver allograft transplant; **OR**
- IX. Individual is requesting for re-treatment in combination with daclatasvir 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 NS5A<sup>2a</sup> inhibitor;

**Notes:**

<sup>a</sup>Per label and AASLD/IDSA treatment guidance, Sovaldi (sofosbuvir) may be used in individuals co-infected with 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)**

Parameters	1 point	2 points	3 points
Points Assigned	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)

**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

- 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.

State Specific Mandates		
State/Market	Date	Description
Georgia Medicaid	10/2016	Georgia has state mandated criteria; please see Georgia State Specific Criteria.
Louisiana Medicaid	2/1/2018	Louisiana has state criteria; please see Louisiana State Specific Criteria
Maryland Medicaid		Maryland has state mandated criteria; please see Maryland State Specific Criteria
Virginia Medicaid	7/1/2016	Virginia has state mandated criteria; please see Virginia State Specific Criteria.
Washington D.C.	2/1/2018	Washington D. C. has state criteria; please see Washington D. C. State Specific Criteria

**Key References:**

- Clinical Pharmacology [database online]. Tampa, FL: Gold Standard, Inc.: 2019. URL: <http://www.clinicalpharmacology.com>. Updated periodically.
- DailyMed. Package inserts. U.S. National Library of Medicine, National Institutes of Health website. <http://dailymed.nlm.nih.gov/dailymed/about.cfm>. Accessed: January 4, 2019.

This policy does not apply to health plans or member categories that do not have pharmacy benefits, nor does it apply to Medicare. Note that market specific restrictions or transition-of-care benefit limitations may apply.  
 GACRX-0039-19

3. DrugPoints® System [electronic version]. Truven Health Analytics, Greenwood Village, CO. Updated periodically.
4. Lexi-Comp ONLINE™ with AHFS™, Hudson, Ohio: Lexi-Comp, Inc.; 2019; 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: May 24, 2018. Accessed on: December 28, 2018.
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 4, 2019.
7. European Association for the Study of the Liver. EASL Recommendations on Treatment of Hepatitis C 2018. *J Hepatol*. 2018; <https://doi.org/10.1016/j.jhep.2018.03.026>. Available from: <http://www.easl.eu/research/our-contributions/clinical-practice-guidelines/detail/easl-recommendations-on-treatment-of-hepatitis-c-2018>. Accessed on: January 4, 2019.
8. U.S. Department of Health and Human Services AIDSinfo treatment guidelines. Concomitant use of selected antiretroviral drugs and hepatitis C virus direct-acting antiviral drugs for treatment of HCV in adults with HIV. Available at <https://aidsinfo.nih.gov/guidelines/html/1/adult-and-adolescent-arv/26/hcv-hiv>. Accessed on: January 3, 2019.