

## Patients With Decompensated Cirrhosis

### Recommended for All Patients With HCV Infection Who Have Decompensated Cirrhosis

| RECOMMENDED   | RATING |
|---|--------|
| Patients with HCV infection who have decompensated cirrhosis—moderate or severe hepatic impairment, ie, Child-Turcotte-Pugh (CTP) class B or class C—should be referred to a medical practitioner with expertise in that condition, ideally in a liver transplant center. | I, C   |

### Decompensated Cirrhosis Genotype 1-6

Recommended regimens listed by pangenotypic, evidence level and alphabetically for:

### Patients With Decompensated Cirrhosis<sup>a</sup> Who Have Genotype 1-6 and Are Ribavirin Eligible

| RECOMMENDED  | DURATION | RATING            |
|--|----------|-------------------|
| <b>Genotype 1-6:</b> Daily fixed-dose combination of sofosbuvir (400 mg)/velpatasvir (100 mg) with weight-based ribavirin <sup>b</sup>   | 12 weeks | I, A <sup>c</sup> |
| <b>Genotype 1, 4, 5, or 6 only:</b> Daily fixed-dose combination of ledipasvir (90 mg)/sofosbuvir (400 mg) with low initial dose of ribavirin (600 mg, increase as tolerated to weight-based dose) | 12 weeks | I, A <sup>d</sup> |

<sup>a</sup> Includes CTP class B and class C patients who may or may not be candidates for liver transplantation, including those with hepatocellular carcinoma.

<sup>b</sup> Low initial dose of ribavirin (600 mg) is recommended for patients with CTP class C cirrhosis; increase as tolerated.

<sup>c</sup> Only available data for genotype 6 are in patients with compensated cirrhosis.

<sup>d</sup> Only available data for genotypes 5 and 6 are in a small number of patients with compensated cirrhosis.

Recommended regimens listed by pangenotypic, evidence level and alphabetically for:

### Patients With Decompensated Cirrhosis<sup>a</sup> Who Have Genotype 1-6 and Are Ribavirin Ineligible

| RECOMMENDED  | DURATION | RATING            |
|--|----------|-------------------|
| <b>Genotype 1-6:</b> Daily fixed-dose combination of sofosbuvir (400 mg)/velpatasvir (100 mg)              | 24 weeks | I, A <sup>b</sup> |
| <b>Genotype 1, 4, 5, or 6 only:</b> Daily fixed-dose combination of ledipasvir (90 mg)/sofosbuvir (400 mg) | 24 weeks | I, A <sup>c</sup> |

<sup>a</sup> Includes CTP class B and class C patients who may or may not be candidates for liver transplantation, including those with hepatocellular carcinoma.

<sup>b</sup> Only available data for genotype 6 are in patients with compensated cirrhosis.

<sup>c</sup> Only available data for genotypes 5 and 6 are in a small number of patients with compensated cirrhosis.

Recommended regimens listed by pangenotypic, evidence level and alphabetically for:

### Patients With Decompensated Cirrhosis<sup>a</sup> and Genotype 1-6 Infection in Whom Prior Sofosbuvir- or NS5A Inhibitor-Based Treatment Failed

| RECOMMENDED   | DURATION | RATING             |
|---|----------|--------------------|
| <b>Genotype 1-6:</b> Daily fixed-dose combination of sofosbuvir (400 mg)/velpatasvir (100 mg) with weight-based ribavirin <sup>b</sup>  | 24 weeks | II, C <sup>c</sup> |
| <b>Prior sofosbuvir-based treatment failure, genotype 1, 4, 5, or 6 only:</b> Daily fixed-dose combination of ledipasvir (90 mg)/sofosbuvir (400 mg) with low initial dose of ribavirin (600 mg; increase as tolerated) | 24 weeks | II, C <sup>d</sup> |

<sup>a</sup> Includes CTP class B and class C patients who may or may not be candidates for liver transplantation, including those with hepatocellular carcinoma.

<sup>b</sup> Low initial dose of ribavirin (600 mg) is recommended for patients with CTP class C cirrhosis.

<sup>c</sup> Only available data for genotypes 5 and 6 are in a small number of patients with compensated cirrhosis.

<sup>d</sup> Only available data for genotype 6 are in patients with compensated cirrhosis.

Regimens not recommended for:

### Patients With Decompensated Cirrhosis (Moderate or Severe Hepatic Impairment; Child-Turcotte-Pugh Class B or C)

| NOT RECOMMENDED   | RATING |
|---|--------|
| Any protease inhibitor-containing regimen (eg, glecaprevir, grazoprevir, and voxilaprevir). | III, B |
| Interferon-based regimens   | III, B |

**Last update:** October 24, 2022

---