

Hepatitis C Treatment Medications & Dosing

Please refer to each drug's FULL prescribing information (PI) and see Decision Trees for choosing specific treatment regimen. These can be found at <http://anthctoday.org/community/hep/providers/treatment/index.html>

Daklinza™ (Daclatasvir) with Sofosbuvir with or without Ribavirin

Daklinza™ is a 60mg green pentagonal-shaped tablet, taken once daily with or without food. Dosage change should be discussed with Liver Disease Specialist.

Epclusa® (Sofosbuvir/Velpatasvir) with or without Ribavirin

Epclusa® is a fixed-dose combination, pink diamond-shaped tablet of sofosbuvir 400mg and velpatasvir 100mg, taken once daily with or without food. The dose should not be changed. Velpatasvir requires an acidic environment; refer to PI for recommendations when using in conjunction with H2 antagonists or antacids. Use with PPIs is not recommended.

Harvoni® (Ledipasvir/Sofosbuvir) with or without Ribavirin

Harvoni® is a fixed-dose combination, orange diamond-shaped tablet of ledipasvir 90mg and sofosbuvir 400mg, taken once daily with or without food. The dose should not be changed. Ledipasvir absorption requires an acidic gastric environment; refer to PI for recommendations when using in conjunction with PPI, H2 antagonists, and antacids.

Olysio® (Simeprevir) with Sofosbuvir

Olysio® is a white 150mg capsule, taken once daily with food. The dose should not be changed.

Sovaldi® (Sofosbuvir)

Sovaldi® is a yellow capsule-shaped 400mg tablet, taken once daily with or without food. The dose should not be changed. It is prescribed with Daclatasvir with or without ribavirin or Simeprevir.

Technivie™ (Ombitasvir/Paritaprevir/Ritonavir) with Ribavirin

Technivie™ is two pink oblong tablets containing ombitasvir 12.5mg, paritaprevir 75mg, and ritonavir 50mg, taken once daily with a meal. The dose should not be changed.

Viekira Pak™ (Ombitasvir/Paritaprevir/Ritonavir & Dasabuvir) or

Viekira XR™ (Dasabuvir/Ombitasvir/Paritaprevir/Ritonavir) with or without Ribavirin

Viekira Pak® is two pink oblong tablets containing ombitasvir 12.5mg, paritaprevir 75mg, ritonavir 50mg and two beige tablets contain dasabuvir 250mg. Take both pink tablets and one beige tablet in the morning with a meal and one beige tablet in the evening with a meal. The dose should not be changed.

Viekira XR™ is three pale yellow-colored tablets containing dasabuvir 200mg, ombitasvir 8.33mg, paritaprevir 50mg, and ritonavir 33.33mg, taken once daily with a meal.

Zepatier™ (Elbasvir/Grazoprevir) with or without Ribavirin

Zepatier™ is a fixed-dose combination, beige oval-shaped tablet of elbasvir 50mg and grazoprevir 100mg taken once daily with or without food. The dose should not be changed.

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Ribavirin

Ribavirin comes in a 200 mg capsule or tablet and should be taken with food.

IMPORTANT: Pregnancy Category X.

Please note: If creatinine clearance is below 50mL/min, ribavirin dose reduction is required. Refer to Copegus® prescribing information for full information about ribavirin dose reduction for renal impairment (Section 2.4). Consult Liver Disease Specialist if any additional concerns. Ribavirin dose is weight-based (see tables below) and divided between two doses (morning and evening) with food. Please note, some patients with cirrhosis and baseline anemia, may need to start at a lower dose of ribavirin (600mg/day divided into 2 doses 400 mg in the am and 200 mg in the pm) and increase dose based on tolerance. Please consult Liver Disease Specialist when treating a patient with cirrhosis or if baseline Hgb is less than 12.

Ribavirin weight-based dosing for **Daklinza, Epclusa, Harvoni, Sovaldi, Technivie, or Viekira Pak/XR:**

Weight	Ribavirin Dose
< 75 kg	600 mg qAM, 400 mg qPM (1000 mg daily)
≥ 75 kg	600 mg qAM, 600 mg qPM (1200 mg daily)

Ribavirin weight-based dosing for **Zepatier:**

Weight	Ribavirin Dose
< 66 kg	400 mg qAM, 400 mg qPM (800 mg daily)
66–80 kg	600mg qAM, 400 mg qPM (1000 mg daily)
81-105kg	600 mg qAM, 600 mg qPM (1200 mg daily)
>105 kg	800 mg qAM, 600 mg qPM (1400 mg daily)

Ribavirin Dose Reduction for Anemia

When hemoglobin drops below 10g/dl on treatment, ribavirin dose reduction is recommended.

See guidelines:

Hgb (g/dl)	Action
≥ 10	Continue at weight-based dose
< 10	Reduce ribavirin to 600 mg/day divided into 2 doses (400 mg a.m. and 200 mg p.m.)
< 8.5	Discontinue ribavirin temporarily and consult liver disease specialist. Once ribavirin has been held, an attempt may be made to restart at 600 mg/day and further increase to 800 mg/day. However, it is not recommended that ribavirin be increased to the original assigned dose (1000 or 1200mg/day).
Patients with history of stable cardiac disease and a decrease in Hgb of ≥ 2 g/dL during any 4-week treatment period, reduce ribavirin to 400 mg every morning and 200 mg every evening; discontinue if Hgb less than 12 g/dL after 4 weeks of reduced dose; if Hgb values improve, may restart at 600 mg daily with further increase to 800 mg daily; do not resume original assigned dose.	