



CLINICAL GUIDELINES PROGRAM

NEW YORK STATE DEPARTMENT OF HEALTH AIDS INSTITUTE | HIV · HCV · SUBSTANCE USE · LGBT HEALTH

Treatment of Chronic Hepatitis C Virus Infection in Adults

April 2023

Direct-Acting Antiviral (DAA) Regimens for HCV Treatment-Naive Patients (see full guideline for citations)			
Genotype	Regimen	Treatment Duration (Weeks)	
		No Cirrhosis	Compensated Cirrhosis
Preferred DAA Regimens			
1a, 1b, 2, 4, 5, 6	Glecaprevir 300 mg/pibrentasvir 120 mg once daily	8	8
	Sofosbuvir 400 mg/velpatasvir 100 mg once daily	12	12
3	Glecaprevir 300 mg/pibrentasvir 120 mg once daily	12	12
	Sofosbuvir 400 mg/velpatasvir 100 mg once daily	12	12
Alternative DAA Regimens			
1a or 1b, non-Black, HIV-negative, HCV RNA <6 mil copies/mL (A2)	Ledipasvir 90 mg/sofosbuvir 400 mg once daily	8	12
1a or 1b, Black, HIV-positive or HCV RNA ≥6 mil copies/mL (A2)	Ledipasvir 90 mg/sofosbuvir 400 mg once daily	12	12
4, 5, 6	Ledipasvir 90 mg/sofosbuvir 400 mg once daily	12	12

Direct-Acting Antiviral (DAA) Regimens for HCV Treatment-Experienced Patients (see full guideline for citations)			
Genotype	Regimen	Treatment Duration (Weeks)	
		No Cirrhosis	Compensated Cirrhosis
Preferred Regimens After Pegylated Interferon (PEG-IFN) Plus Ribavirin (RBV) Treatment Failure			
1a, 1b, 2, 4, 5, 6	Glecaprevir 300 mg/pibrentasvir 120 mg once daily	8	12
	Sofosbuvir 400 mg/velpatasvir 100 mg once daily	12	12
3	Glecaprevir 300 mg/pibrentasvir 120 mg once daily	16	16
	Sofosbuvir 400 mg/velpatasvir 100 mg once daily	12	12
Alternative Regimens After PEG-IFN Plus RBV Treatment Failure			
1a, 1b	Ledipasvir 90 mg/sofosbuvir 400 mg once daily	12	12
	Ledipasvir 90 mg/sofosbuvir 400 mg once daily plus weight-based RBV twice daily	Not indicated	12
4, 5, 6	Ledipasvir 90 mg/sofosbuvir 400 mg once daily	12	12
Recommended Regimens After Sofosbuvir or Elbasvir/Grazoprevir Treatment Failure			
1a, 1b, 2, 4, 5, 6	Glecaprevir 300 mg/pibrentasvir 120 mg once daily	16	16
	Sofosbuvir 400 mg/velpatasvir 100 mg/voxilaprevir 100 mg once daily	12	12
3	Sofosbuvir 400 mg/velpatasvir 100 mg/voxilaprevir 100 mg once daily plus weight-based RBV twice daily	12	12
Recommended Regimens After Glecaprevir/Pibrentasvir Treatment Failure			
1a, 1b, 2, 3, 4, 5, 6	Glecaprevir 300 mg/pibrentasvir 120 mg plus sofosbuvir 400 mg plus weight-based RBV twice daily	16	16
	Sofosbuvir 400 mg/velpatasvir 100 mg/voxilaprevir 100 mg once daily	12	12