Genotype 1:

If HCV Ab+,
   Then HCV rNA+,
      Then Genotype 1.

   If Mild Liver Disease,
      Then Wait.

   If Mild liver disease with extra hepatic manifestations,
      If Tx naïve,
         If not IFN eligible,
            If 24 weeks Sof + RBV or 12 weeks Sof + Sim +RBV,
               NOT FDA approved
               Then Must undergo DHCS investigational criteria.
            If IFN eligible
               Then 12 weeks Sof + PEG/RBV.
      If Tx experienced,
         If Not IFN eligible,
            If 12 weeks Sof + Sim +/- RBV, NOT FDA approved
               Then Must undergo DHCS investigational criteria.
            If IFN eligible
               Then 12 weeks Sof + PEG/RBV.

   If Advanced fibrosis/compensated cirrhosis,
      If Tx naïve,
         If Not IFN eligible,
            Then 12 weeks Sof + Sim +/- RBV NOT FDA approved,
               Then Must undergo DHCS investigational criteria.
            If IFN eligible
               Then 12 weeks Sof + PEG/RBV.
      If Tx experienced,
         If Not IFN eligible,
            Then 12 weeks Sof + Sim +/- RBV NOT FDA approved,
               Then Must undergo DHCS investigational criteria.
            If IFN eligible,
               Then 12 weeks Sof + PEG/RBV.

   If Hepatocellular Carcinoma (HCC),
      Then 24 to 48 weeks Sof +RBV.

Notes and Abbreviations: See Summary Table for alternative regimens. HCV = Hepatitis C Virus; IFN = Interferon; PEG-IFN = Peginterferon; Sim = Simeprevir; Sof = Sofosbuvir; RBV = Ribavirin; HCC = Hepatocellular Carcinoma; Tx = Treatment; Mild Liver Disease = F0-F2; Advanced Fibrosis/Compensated Cirrhosis = F3-F4
Summary Figure: Preferred Treatment Approach for HCV-Monoinfected and HIV/HCV-Coinfected Patients

Genotype 2:

If HCV Ab+,
   Then HCV rNA+,
      Then HCV Genotype 2.

   If Mild Liver Disease,
      Then Wait.

   If Mild liver disease with extra hepatic manifestations,
      If Tx naïve,
         If not IFN eligible and IFN eligible,
            Then 12 weeks Sof + RBV.
      If Tx experienced,
         If Not IFN eligible,
            Then 12-16 weeks Sof + RBV.
         If IFN eligible,
            Then 12-16 weeks Sof + RBV or
               If 12 weeks Sof + PEG/RBV,
                  Then Must undergo DHCS investigational criteria.

   If Advanced fibrosis/compensated cirrhosis,
      If Tx naïve,
         If Not IFN eligible and IFN eligible,
            Then 12 weeks Sof + RBV.

      If Tx experienced,
         If Not IFN eligible,
            Then 12-16 weeks Sof + RBV.
         If IFN eligible,
            Then 12-16 weeks Sof + RBV or
               If 12 weeks Sof + PEG/RBV,
                  Then Must undergo DHCS investigational criteria.

   If Hepatocellular Carcinoma (HCC),
      Then 24 to 48 weeks Sof + RBV.

Notes and Abbreviations: See Summary Table for alternative regimens. HCV = Hepatitis C Virus; IFN = Interferon; PEG-IFN = Peginterferon; Sim = Simeprevir; Sof = Sofosbuvir; RBV = Ribavirin; HCC = Hepatocellular Carcinoma; Tx = Treatment; Mild Liver Disease = F0-F2; Advanced Fibrosis/Compensated Cirrhosis = F3-F4
Genotype 3:

If HCV Ab+, Then HCV rNA+, Then HCV Genotype 3.

If Mild Liver Disease, Then Wait.

If Mild liver disease with extra hepatic manifestations, If Tx naïve, If not IFN eligible, Then 24 weeks Sof + RBV.
If IFN eligible, If 12 weeks Sof + PEG/RBV, NOT FDA approved Then Must undergo DHCS investigational criteria.
If Tx experienced, If Not IFN eligible and If IFN eligible, Then 12 weeks Sof + RBV.

If Advanced fibrosis/compensated cirrhosis, If Tx naïve, If Not IFN eligible, Then 24 weeks Sof + RBV.
If IFN eligible, If 12 weeks Sof + PEG/RBV, NOT FDA approved Then Must undergo DHCS investigational criteria.
If Tx experienced, If Not IFN eligible, Then 24 weeks Sof + RBV.

If IFN eligible, Then 24 weeks Sof + RBV or If 12 weeks Sof + PEG/RBV, NOT FDA approved Then Must undergo DHCS investigational criteria.

If Hepatocellular Carcinoma (HCC), Then 24 to 48 weeks Sof +RBV.

Notes and Abbreviations: See Summary Table for alternative regimens. HCV = Hepatitis C Virus; IFN = Interferon; PEG-IFN = Peginterferon; Sim = Simeprevir; Sof = Sofosbuvir; RBV = Ribavirin; HCC = Hepatocellular Carcinoma; Tx = Treatment; Mild Liver Disease = F0-F2; Advanced Fibrosis/Compensated Cirrhosis = F3-F4