

Algorithm for treatment of chronic HCV in HIV/HCV co-infection

Managing side effects:

Neutropenia

G-CSF 300 mcg SC TIW to keep ANC > 750
 Consider dose reduction*:
 ANC < 750: PEG IFN 135 mcg/week [↓ PegIntron by ½]
 ANC < 500: hold IFN

Anemia

Erythropoietin alfa 40,000 IU SC weekly if > 2 g/dL drop in Hgb or Hgb < 12 g/dL
 Consider dose reduction*:
 Hgb < 10 g/dL: RBV 600 – 800 mg/day
 Hgb < 8.5 g/dL or symptomatic, discontinue RBV

Thrombocytopenia

Dose reduction* of IFN:
 PLT < 50K: PEG IFN 90 mcg/week [↓ PegIntron by ½]
 PLT < 25K: discontinue IFN

Depression

Moderate depression: PEG IFN 135 mcg/week [↓ PegIntron by ½]
 Severe depression/suicidal: discontinue IFN & consult psychiatry immediately

** increase doses as soon as hematologic parameters allow to preserve optimal virologic effect*

