

HCV Decision Support v1.4 04/03/2016, 15:52:07

Guidelines: EASL
Genotype: 2
Fibrosis: F0-F1
Past Treatment: Failed Interferon + Riba
Past Failure: true
Harvoni CI: false
Ribavirin: true
Platelets: 180
Weight: 81-105 kg
eGFR: 81

Medications: Sofosbuvir (Solvadi) 400mg PO, daily + PegInterferon-α2a (Pegasys) 180µg SC, weekly + Ribavirin (Ibavyr) 1200mg PO, daily divided into 2 doses

Duration: 12 weeks (84 days + no repeats)

Expected SVR: 95% (Odds of SVR are 19:1)

Trials: LONESTAR 96% (22/23) BOSON 94% (15/16) Aggregate 94.8% (37/39)

Rating: [B1 - Moderate Quality Evidence, Strong Recommendation](#)

Notes:

1. Check for interactions using <http://www.hep-druginteractions.org/Interactions.aspx>
2. Treatment of chronic hepatitis C with PegIFN-a and ribavirin containing regimens is absolutely contra-indicated in the following patient groups: uncontrolled depression, psychosis or epilepsy; pregnant women or couples unwilling to comply with adequate contraception; severe concurrent medical diseases and comorbidities including retinal disease, autoimmune thyroid disease; decompensated liver disease.
3. The use of PegIFN-a is not recommended in patients with absolute neutrophil counts <1500/mm³ and/or platelet counts <90,000/mm³.
4. **Ribavirin is mandatory**
5. Ribavirin use requires frequent monitoring for pancytopenia
6. Ribavirin (200mg Capsules): 3 in the morning 3 at night
7. Ribavirin (Ibavyr 400mg & 600mg Tablets): 600 mg morning and night
8. **Sofosbuvir brand names:** Hepcee (Julphar), Hepcinat (Natco), Hepcvir (Cipla), Hopetavir (Incepta), MyHep (Mylan), Soforal (Beacon), Sofovir (Hetero), Sofovir-C (Beximco), Solvadi
9. **PegInterferon-α2a brand names:** Pegasys
10. **Ribavirin brand names:** Celbarin (Incepta), Ibavyr, Ribacee (Julphar)

Medications: Sofosbuvir (Solvadi) 400mg PO, daily + Daclatasvir (Daklinza) 60mg PO, daily

Duration: 12 weeks (84 days + no repeats)

Expected SVR: 92% (Odds of SVR are 12:1)

Trials: UN-NAMED <http://www.ncbi.nlm.nih.gov/pubmed/24428467> 92% (24/26)

Rating: [B1 - Moderate Quality Evidence, Strong Recommendation](#)

Notes:

1. Check for interactions using <http://www.hep-druginteractions.org/Interactions.aspx>
2. The dose of daclatasvir may need to be increased or decreased when used concomitantly with cytochrome P450 3A/4 inducers and inhibitors, respectively.
3. Grapefruit, Paw Paw, Star Fruit and Pomegranate are potent inhibitors of CYP3A4 and should be avoided.
4. **Sofosbuvir brand names:** Hepcee (Julphar), Hepcinat (Natco), Hepcvir (Cipla), Hopetavir (Incepta), MyHep (Mylan), Soforal (Beacon), Sofovir (Hetero), Sofovir-C (Beximco), Solvadi
5. **Daclatasvir brand names:** Daclacee (Julphar), Daclahep (Hetero), Daclavir (Beacon), Daklinza, Virodacla (Incepta)

Medications: Sofosbuvir (Solvadi) 400mg PO, daily + Ribavirin (Ibavyr) 1200mg PO, daily divided into 2 doses

Duration: 16 weeks (84 days + no repeats)

Expected SVR: 92% (Odds of SVR are 12:1)

Trials: FUSION 92% (24/26) VALENCE 91% (30/33) Aggregate 91.5% (54/59)

Rating: [B1 - Moderate Quality Evidence, Strong Recommendation](#)

Notes:

1. Check for interactions using <http://www.hep-druginteractions.org/Interactions.aspx>
2. **Ribavirin is mandatory**
3. Ribavirin use requires frequent monitoring for pancytopenia
4. Ribavirin (200mg Capsules): 3 in the morning 3 at night
5. Ribavirin (Ibavyr 400mg & 600mg Tablets): 600 mg morning and night
6. **Therapy should be prolonged to 16 or 20 weeks in patients with cirrhosis, especially if they are treatment experienced.**
7. **Sofosbuvir brand names:** Hepcee (Julphar), Hepcinat (Natco), Hepcvir (Cipla), Hopetavir (Incepta), MyHep (Mylan), Soforal (Beacon), Sofovir (Hetero), Sofovir-C (Beximco), Solvadi
8. **Ribavirin brand names:** Celbarin (Incepta), Ibavyr, Ribacee (Julphar)

