

# **Common Drug-Drug** Interactions with HCV DAAs

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#### INDIAN + COUNTRY ECHO LEADING THE WAY

Growing the Ability to Deliver Quality Healthcare to American Indian and Alaska Native People. Brad Moran, PharmD | ECHO Clinical Faculty | Fort Peck Service Unit | Indian Health Service

### Disclosures



#### No Disclosures



 Identify common drug-drug interactions with HCV therapies



## Major Drug-Drug Interactions for all Direct Acting Antivirals

- Carbamazepine
- Oxcarbazepine
- Phenytoin
- Phenobarbital
- Rifampin
- Expected to  $\checkmark$  concentrations
- DO NOT USE WITH ANY HCV THERAPY!

## Other Main Drug Interaction Concerns for DAAs



- Amiodarone with sofosbuvir and other DAA: Serious symptomatic bradycardia
- Avoid using amiodarone with any HCV therapy

## **DAAs and Acid Suppressive Therapy**

- Sofosbuvir/velpatasvir requires acidic environment for absorption
- Glecaprevir/pibrentasvir is less affected
- Recommend minimizing acid suppressive therapy in all patients undergoing HCV therapy
- If a patient cannot stop PPI, use glecaprevir/pibrentasvir

## **Statins and HCV Therapy**

Interactions vary by DAA and statin

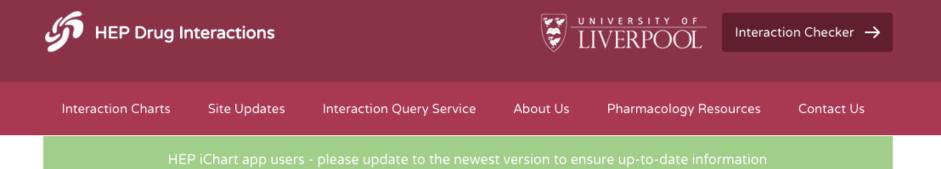
#### General guidance: Hold statin while on HCV therapy

#### **Other Considerations**

- In patients undergoing HCV therapy
  - Avoid herbals
  - Avoid supplements
  - Avoid >20 mcg ethinyl estradiol with glecaprevir/pibrentasvir

- In patients with cirrhosis
  - Avoid NSAIDs
  - Acetaminophen preferred for shortterm pain management at <2 grams per day</li>

#### **Other Considerations**



#### **HEP Drug Interaction Checker**

Access our comprehensive, user-friendly, free drug interaction charts. Providing clinically useful, reliable, up-to date, evidence-based information



🔴 Do Not Coadminister	Potential Interaction 🛛 🔶 No Interaction Expected			💠 No Clear Data			
O Do Not Coadminister	Potential Interaction		💠 No Clear Data				
				Ledipasvir/Sofosbuvir	OBV/PTV/r + DSV		
Amiodarone		•		•	•		•
Antacids		٠	٠		٠	٠	
Aspirin		٠	٠	٠	٠	٠	٠
		٠	•	٠			٠
		•	•	•	•	•	•

#### www.hep-druginteractions.org

Also available as an app: hepichart