Anticonvulsant Treatment Selector

Charts produced March 2018. *Full information available at www.hep-druginteractions.org*

	DCV	EBR/GZR	GLP/PIB	LED/SOF	OBV/PTV/r	OBV/PTV/r +DSV	SMV	SOF	SOF/VEL	SOF/VEL/VOX
Carbamazepine	⇓	⇓	⇓ [a]	⇓	⇓ [b]	⇓ [b]	⇓	⇓	⇓	⇓
Clonazepam	↔	↔	↔	↔	↑	↑	↑	↔	↔	↔
Eslicarbazepine	⇓	⇓	⇓	⇓	⇓↑	⇓↑	⇓↑	↔	⇓	⇓
Ethosuximide	↔	↔	↔	↔	↑	↑	↑	↔	↔	↔
Gabapentin	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔
Lacosamide	↔	↔	↔	↔	↑	↑	↑	↔	↔	↔
Lamotrigine	↔	↔	↔	↔	↓	↓	↔	↔	↔	↔
Levetiracetam	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔
Lorazepam	↔	↔	↔	↔	↑	↑	↔	↔	↔	↔
Oxcarbazepine	⇓	⇓	⇓	⇓	⇓	⇓	⇓	⇓	⇓	⇓
Phenobarbital	⇓	⇓	⇓	⇓	⇓↓	⇓↓	⇓	⇓	⇓	⇓
Phenytoin	⇓	⇓	⇓	⇓	⇓↓	⇓↓	⇓	⇓	⇓	⇓
Primidone	⇓	⇓	⇓	⇓	⇓↑	⇓↑	⇓	⇓	⇓	⇓
Topiramate	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔
Valproate	↔	↔	↔	↔	?↓ [c]	?↓ [c]	↔	↔	↔	↔
Zonisamide	⇑↑ [d]	↔	↔	⇑↑ [d]	↔	↔	⇑↑ [d]	↔	↔	↔

Colour Legend

- No clinically significant interaction expected.
- These drugs should not be coadministered.
- Potential interaction which may require a dosage adjustment or close monitoring.
- Potential interaction predicted to be of weak intensity.

Text Legend

↑ Potential increased exposure of the anticonvulsant
↓ Potential decreased exposure of the anticonvulsant
↔ No significant effect
⇑ Potential increased exposure of HCV DAA
⇓ Potential decreased exposure of HCV DAA

Numbers refer to increased or decreased AUC as observed in drug-drug interaction studies.

a Glecaprevir AUC decreased by 66%; pibrentasvir AUC decreased by 51%.

b Coadministration with ombitasvir/paritaprevir/ritonavir + dasabuvir decreased the AUCs of ombitasvir, paritaprevir and dasabuvir by 31%, 70% and 70%, respectively.

c The clinical significance of this is unclear. No a priori dose adjustment is required. Perform therapeutic drug monitoring and adjust dose if indicated.

d The clinical significance of this is unclear. No a priori dose adjustment is required but close monitoring for clinical effectiveness and response is recommended.

Abbreviations: DCV Daclatasvir; EBR/GZR Elbasvir/Grazoprevir; GLP/PIB Glecaprevir/Pibrentasvir; LED Ledipasvir; OBV/PTV/r +DSV Ombitasvir/Paritaprevir/Ritonavir +Dasabuvir; SMV Simeprevir; SOF Sofosbuvir; VEL Velpatasvir; VOX Voxilaprevir