

**TABLE 163: GENOTYPE 1A TREATMENT-EXPERIENCED WITH EMERGING TREATMENTS: RELATIVE RISKS AND RISK DIFFERENCE FOR ALL TREATMENT COMPARISONS — RANDOM EFFECTS MODEL**

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
T12 PR48 q8	PR48	2.09 (0.94 to 3.04)	28.28 (−1.61 to 49.03)
SIM12 PR24-48 RGT		2.54 (1.42 to 3.44)	39.85 (10.83 to 57.78)
SIM12 PR48		2.11 (0.67 to 3.23)	28.82 (−8.55 to 53.79)
PAR/RIT12 + OMB12 + DAS12 + RBV12		3.76 (3.07 to 4.55)	71.51 (58.86 to 76.61)
DCV24 + ASU24 + PR24		3.22 (1.86 to 4.06)	57.71 (22.17 to 69.83)
SIM12 PR24-48 RGT or SIM12 PR48		2.91 (1.07 to 3.92)	49.96 (1.70 to 67.78)
B32 PR36-48 RGT		2.04 (0.97 to 3.22)	26.78 (−0.92 to 52.96)
SOF12 + PR12		3.02 (1.85 to 3.92)	52.37 (22.37 to 66.75)
SIM12 + SOF12		3.55 (2.21 to 4.40)	66.87 (31.85 to 75.15)
SOF12 + LDV12		3.62 (2.85 to 4.42)	67.96 (51.18 to 74.93)
SOF24 + LDV24		3.21 (0.50 to 4.26)	58.43 (−12.72 to 74.43)
SOF12 + LDV12 + RBV12		3.65 (2.99 to 4.42)	68.50 (57.26 to 74.51)
SOF24 + LDV24 + RBV24		3.79 (3.14 to 4.59)	72.05 (62.61 to 77.17)
GRZ12 + ELB12 + RBV12		3.57 (2.72 to 4.41)	67.08 (46.77 to 75.10)
DCV12 + ASU12 + BEC12 + RBV12		3.36 (1.68 to 4.30)	61.95 (17.64 to 73.90)
DCV12 + ASU12 + BEC12		3.25 (2.24 to 4.12)	58.70 (32.78 to 70.12)
SIM12 PR24-48 RGT	T12 PR48 q8	1.20 (0.68 to 2.59)	10.93 (−20.04 to 44.29)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
SIM12 PR48		1.01 (0.51 to 1.48)	0.50 (-20.90 to 19.21)
PAR/RIT12 + OMB12 + DAS12 + RBV12		1.79 (1.32 to 3.63)	42.93 (23.59 to 65.55)
DCV24 + ASU24 + PR24		1.52 (0.91 to 3.21)	28.24 (-5.49 to 58.74)
SIM12 PR24-48 RGT or SIM12 PR48		1.36 (0.72 to 2.26)	20.28 (-11.79 to 42.60)
B32 PR36-48 RGT		0.97 (0.46 to 2.38)	-1.38 (-34.82 to 38.71)
SOF12 + PR12		1.43 (0.88 to 3.07)	23.35 (-7.64 to 54.39)
SIM12 + SOF12		1.68 (1.04 to 3.53)	37.26 (2.75 to 65.32)
SOF12 + LDV12		1.72 (1.21 to 3.72)	39.20 (14.76 to 66.96)
SOF24 + LDV24		1.49 (0.24 to 3.27)	27.88 (-41.82 to 62.97)
SOF12 + LDV12 + RBV12		1.74 (1.24 to 3.83)	39.94 (17.80 to 68.10)
SOF24 + LDV24 + RBV24		1.80 (1.30 to 4.04)	43.52 (21.90 to 72.17)
GRZ12 + ELB12 + RBV12		1.70 (1.16 to 3.73)	38.04 (11.01 to 67.52)
DCV12 + ASU12 + BEC12 + RBV12		1.59 (0.81 to 3.31)	32.33 (-10.44 to 62.19)
DCV12 + ASU12 + BEC12		1.55 (1.01 to 3.25)	29.70 (0.62 to 58.79)
SIM12 PR48	SIM12 PR24-48 RGT	0.84 (0.28 to 1.51)	-10.31 (-49.88 to 22.89)
PAR/RIT12 + OMB12 + DAS12 + RBV12		1.48 (1.13 to 2.56)	31.45 (10.57 to 57.90)
DCV24 + ASU24 + PR24		1.26 (0.95 to 1.76)	16.84 (-3.02 to 33.65)
SIM12 PR24-48 RGT or SIM12 PR48		1.15 (0.45 to 1.94)	9.81 (-36.96 to 39.99)
B32 PR36-48 RGT		0.81 (0.38 to 1.59)	-12.54 (-45.18 to 24.97)
SOF12 + PR12		1.19 (0.72 to 2.06)	12.49 (-21.11 to 42.50)
SIM12 + SOF12		1.39 (0.88 to 2.39)	26.01 (-8.49 to 53.79)
SOF12 + LDV12		1.42 (1.06 to 2.46)	27.88 (4.77 to 55.36)
SOF24 + LDV24		1.26 (0.20 to 2.24)	17.43 (-53.47 to 49.99)
SOF12 + LDV12 + RBV12		1.44 (1.10 to 2.53)	28.56 (7.82 to 56.54)
SOF24 + LDV24 + RBV24		1.49 (1.15 to 2.62)	32.05 (12.63 to 59.87)
GRZ12 + ELB12 + RBV12		1.40 (1.03 to 2.47)	26.46 (1.90 to 55.29)
DCV12 + ASU12 + BEC12 + RBV12		1.31 (0.69 to 2.29)	20.77 (-21.68 to 50.58)
DCV12 + ASU12 + BEC12		1.27 (0.86 to 2.21)	18.15 (-10.64 to 47.11)
PAR/RIT12 + OMB12 + DAS12 + RBV12	SIM12 PR48	1.77 (1.24 to 5.12)	42.26 (18.38 to 73.82)
DCV24 + ASU24 + PR24		1.50 (0.88 to 4.35)	27.50 (-7.40 to 64.26)
SIM12 PR24-48 RGT or SIM12 PR48		1.35 (0.93 to 2.38)	19.11 (-3.17 to 38.83)
B32 PR36-48 RGT		0.97 (0.45 to 3.11)	-1.78 (-37.70 to 43.97)
SOF12 + PR12		1.42 (0.84 to 4.18)	22.79 (-10.76 to 59.81)
SIM12 + SOF12		1.66 (1.00 to 4.88)	36.62 (0.08 to 71.30)
SOF12 + LDV12		1.70 (1.14 to 5.11)	38.56 (10.88 to 73.17)
SOF24 + LDV24		1.46 (0.24 to 4.49)	26.74 (-44.63 to 68.71)
SOF12 + LDV12 + RBV12		1.72 (1.17 to 5.32)	39.43 (13.60 to 74.64)
SOF24 + LDV24 + RBV24		1.78 (1.22 to 5.50)	42.89 (17.49 to 78.40)
GRZ12 + ELB12 + RBV12		1.68 (1.10 to 5.23)	37.29 (7.74 to 73.78)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
DCV12 + ASU12 + BEC12 + RBV12		1.57 (0.80 to 4.52)	31.60 (-13.08 to 67.97)
DCV12 + ASU12 + BEC12		1.53 (0.97 to 4.48)	29.20 (-2.21 to 64.41)
DCV24 + ASU24 + PR24	PAR/RIT12 + OMB12 + DAS12 + RBV12	0.86 (0.51 to 1.01)	-13.58 (-45.63 to 1.07)
SIM12 PR24-48 RGT or SIM12 PR48		0.78 (0.30 to 0.96)	-21.20 (-63.63 to -4.24)
B32 PR36-48 RGT		0.54 (0.27 to 0.83)	-44.45 (-70.31 to -15.55)
SOF12 + PR12		0.81 (0.52 to 0.97)	-18.72 (-45.82 to -2.71)
SIM12 + SOF12		0.96 (0.62 to 1.07)	-4.21 (-36.62 to 6.31)
SOF12 + LDV12		0.97 (0.81 to 1.08)	-3.25 (-17.95 to 7.23)
SOF24 + LDV24		0.87 (0.13 to 1.05)	-12.53 (-83.88 to 4.36)
SOF12 + LDV12 + RBV12		0.97 (0.87 to 1.09)	-2.90 (-12.49 to 7.99)
SOF24 + LDV24 + RBV24		1.01 (0.93 to 1.14)	0.54 (-7.18 to 11.80)
GRZ12 + ELB12 + RBV12		0.96 (0.76 to 1.09)	-4.12 (-23.48 to 7.73)
DCV12 + ASU12 + BEC12 + RBV12		0.91 (0.46 to 1.04)	-9.03 (-51.18 to 3.90)
DCV12 + ASU12 + BEC12		0.87 (0.62 to 1.01)	-12.49 (-36.02 to 0.59)
SIM12 PR24-48 RGT or SIM12 PR48	DCV24 + ASU24 + PR24	0.92 (0.36 to 1.45)	-7.11 (-52.24 to 25.48)
B32 PR36-48 RGT		0.64 (0.31 to 1.22)	-29.67 (-59.70 to 11.47)
SOF12 + PR12		0.94 (0.60 to 1.56)	-4.83 (-34.65 to 28.55)
SIM12 + SOF12		1.10 (0.73 to 1.81)	8.63 (-22.93 to 40.36)
SOF12 + LDV12		1.12 (0.91 to 1.87)	10.22 (-8.20 to 42.46)
SOF24 + LDV24		1.01 (0.16 to 1.67)	1.05 (-69.93 to 35.41)
SOF12 + LDV12 + RBV12		1.13 (0.95 to 1.93)	10.56 (-4.28 to 44.74)
SOF24 + LDV24 + RBV24		1.17 (1.01 to 2.01)	14.18 (0.86 to 47.96)
GRZ12 + ELB12 + RBV12		1.11 (0.86 to 1.87)	9.05 (-12.30 to 42.11)
DCV12 + ASU12 + BEC12 + RBV12		1.05 (0.56 to 1.70)	4.09 (-37.26 to 36.24)
DCV12 + ASU12 + BEC12		1.01 (0.73 to 1.68)	0.92 (-24.15 to 33.96)
B32 PR36-48 RGT	SIM12 PR24-48 RGT or SIM12 PR48	0.71 (0.35 to 2.03)	-21.83 (-54.80 to 30.12)
SOF12 + PR12		1.03 (0.66 to 2.68)	2.49 (-27.89 to 47.86)
SIM12 + SOF12		1.21 (0.80 to 3.12)	15.98 (-16.98 to 59.64)
SOF12 + LDV12		1.23 (0.96 to 3.30)	17.67 (-3.75 to 62.31)
SOF24 + LDV24		1.09 (0.18 to 2.87)	7.10 (-62.49 to 56.03)
SOF12 + LDV12 + RBV12		1.24 (0.99 to 3.42)	18.25 (-0.90 to 64.97)
SOF24 + LDV24 + RBV24		1.29 (1.04 to 3.56)	21.78 (3.55 to 68.45)
GRZ12 + ELB12 + RBV12		1.22 (0.91 to 3.29)	16.50 (-7.73 to 63.38)
DCV12 + ASU12 + BEC12 + RBV12		1.15 (0.61 to 2.88)	11.28 (-31.55 to 55.61)
DCV12 + ASU12 + BEC12		1.11 (0.78 to 2.90)	8.38 (-19.30 to 52.85)
SOF12 + PR12	B32 PR36-48 RGT	1.47 (0.81 to 2.98)	24.86 (-13.09 to 54.99)
SIM12 + SOF12		1.72 (0.98 to 3.49)	38.38 (-1.15 to 66.21)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
SOF12 + LDV12		1.77 (1.13 to 3.57)	40.59 (9.89 to 67.12)
SOF24 + LDV24		1.52 (0.24 to 3.27)	28.74 (-43.51 to 63.96)
SOF12 + LDV12 + RBV12		1.79 (1.18 to 3.67)	41.28 (13.74 to 68.28)
SOF24 + LDV24 + RBV24		1.85 (1.23 to 3.78)	44.88 (17.90 to 71.53)
GRZ12 + ELB12 + RBV12		1.74 (1.12 to 3.58)	39.26 (8.80 to 66.92)
DCV12 + ASU12 + BEC12 + RBV12		1.62 (0.79 to 3.30)	33.20 (-13.15 to 63.45)
DCV12 + ASU12 + BEC12		1.59 (0.94 to 3.22)	30.99 (-4.14 to 59.59)
SIM12 + SOF12	SOF12 + PR12	1.16 (0.87 to 1.64)	12.94 (-9.27 to 34.39)
SOF12 + LDV12		1.19 (0.95 to 1.87)	15.13 (-4.69 to 42.85)
SOF24 + LDV24		1.07 (0.16 to 1.69)	5.48 (-65.06 to 37.35)
SOF12 + LDV12 + RBV12		1.20 (0.99 to 1.92)	15.66 (-0.60 to 44.47)
SOF24 + LDV24 + RBV24		1.25 (1.05 to 1.99)	19.25 (4.32 to 48.23)
GRZ12 + ELB12 + RBV12		1.18 (0.90 to 1.87)	13.96 (-8.57 to 42.76)
DCV12 + ASU12 + BEC12 + RBV12		1.11 (0.59 to 1.73)	8.67 (-32.93 to 38.01)
DCV12 + ASU12 + BEC12		1.07 (0.76 to 1.69)	5.86 (-20.14 to 35.24)
SOF12 + LDV12	SIM12 + SOF12	1.01 (0.85 to 1.56)	0.89 (-14.28 to 32.87)
SOF24 + LDV24		0.92 (0.14 to 1.41)	-7.56 (-79.23 to 26.03)
SOF12 + LDV12 + RBV12		1.02 (0.90 to 1.60)	1.49 (-9.57 to 34.99)
SOF24 + LDV24 + RBV24		1.05 (0.96 to 1.65)	4.85 (-4.33 to 37.82)
GRZ12 + ELB12 + RBV12		1.00 (0.79 to 1.55)	0.28 (-19.76 to 32.65)
DCV12 + ASU12 + BEC12 + RBV12		0.95 (0.50 to 1.45)	-4.26 (-45.27 to 27.70)
DCV12 + ASU12 + BEC12		0.92 (0.66 to 1.41)	-7.68 (-31.36 to 25.06)
SOF24 + LDV24	SOF12 + LDV12	0.91 (0.14 to 1.14)	-8.91 (-79.24 to 11.18)
SOF12 + LDV12 + RBV12		1.00 (0.92 to 1.19)	0.36 (-8.10 to 14.53)
SOF24 + LDV24 + RBV24		1.04 (0.96 to 1.23)	3.74 (-3.64 to 18.20)
GRZ12 + ELB12 + RBV12		0.99 (0.78 to 1.19)	-0.69 (-21.22 to 15.42)
DCV12 + ASU12 + BEC12 + RBV12		0.94 (0.48 to 1.15)	-5.60 (-47.73 to 12.21)
DCV12 + ASU12 + BEC12		0.90 (0.65 to 1.10)	-8.99 (-32.58 to 7.98)
SOF12 + LDV12 + RBV12	SOF24 + LDV24	1.11 (0.94 to 7.27)	9.53 (-5.58 to 79.18)
SOF24 + LDV24 + RBV24		1.16 (0.97 to 7.68)	13.19 (-3.11 to 84.51)
GRZ12 + ELB12 + RBV12		1.10 (0.82 to 7.25)	8.07 (-17.19 to 79.71)
DCV12 + ASU12 + BEC12 + RBV12		1.04 (0.54 to 6.88)	3.31 (-41.25 to 76.97)
DCV12 + ASU12 + BEC12		1.00 (0.69 to 6.66)	0.16 (-28.50 to 73.24)
SOF24 + LDV24 + RBV24	SOF12 + LDV12 + RBV12	1.04 (0.96 to 1.15)	3.35 (-3.61 to 12.46)
GRZ12 + ELB12 + RBV12		0.99 (0.78 to 1.11)	-1.34 (-21.26 to 9.87)
DCV12 + ASU12 + BEC12 + RBV12		0.93 (0.47 to 1.09)	-6.21 (-49.67 to 7.67)
DCV12 + ASU12 + BEC12		0.90 (0.63 to 1.04)	-9.51 (-34.35 to 3.65)
GRZ12 + ELB12 + RBV12	SOF24 + LDV24 + RBV24	0.95 (0.75 to 1.06)	-4.71 (-24.77 to 5.02)
DCV12 + ASU12 + BEC12 + RBV12		0.90 (0.45 to 1.03)	-9.71 (-52.53 to 2.66)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
DCV12 + ASU12 + BEC12		0.87 (0.61 to 0.99)	-13.03 (-38.02 to -1.28)
DCV12 + ASU12 + BEC12 + RBV12	GRZ12 + ELB12 + RBV12	0.95 (0.48 to 1.22)	-4.70 (-47.92 to 16.71)
DCV12 + ASU12 + BEC12		0.91 (0.64 to 1.19)	-8.02 (-33.25 to 14.08)
DCV12 + ASU12 + BEC12	DCV12 + ASU12 + BEC12 + RBV12	0.97 (0.77 to 1.63)	-2.85 (-19.85 to 29.42)
Random effect model	Residual deviance	31.73 vs. 32 data points	
	Deviance information criteria	186.006	
Fixed effect model	Residual deviance	31.46 vs. 32 data points	
	Deviance information criteria	185.429	

ASU = asunaprevir; B = boceprevir; BEC = beclabuvir; Crl = credible interval; DAS = dasabuvir; DCV = daclatasvir; ELB = elbasvir; GRZ = grazoprevir; LDV = ledipasvir; OMB = ombitasvir; PAR = paritaprevir; PR = pegylated interferon plus ribavirin; q8 = every 8 hours; q12 = every 12 hours; q.d. = once daily; RBV = ribavirin; RD = risk difference; RGT = response-guided therapy; RIT = ritonavir; RR = relative risk; SIM = simeprevir; SOF = sofosbuvir; SVR = sustained virologic response; T = telaprevir; vs. = versus.

Note: Please refer to Treatment Regimen Nomenclature table for description of dosages.