

**TABLE 164: GENOTYPE 1B 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)
SOF12 + LDV12	PR48	3.44 (2.07 to 4.53)	52.91 (23.31 to 70.69)
SOF24 + LDV24		4.14 (2.06 to 5.17)	69.37 (22.63 to 78.68)
SOF12 + LDV12 + RBV12		4.28 (3.54 to 5.19)	71.04 (60.39 to 77.26)
SOF24 + LDV24 + RBV24		4.03 (2.60 to 5.07)	66.36 (34.77 to 77.83)
T12 PR48 q8		3.82 (2.84 to 4.82)	61.21 (41.29 to 72.69)
SIM12 PR24-48 RGT		3.08 (1.94 to 3.99)	44.95 (20.44 to 60.38)
SIM12 PR48		3.70 (2.33 to 4.79)	58.77 (29.22 to 72.66)
PAR/RIT12 + OMB12 + DAS12		4.39 (3.46 to 5.30)	73.90 (56.03 to 79.61)
DCV24 + ASU24		3.62 (2.76 to 4.53)	56.63 (40.25 to 67.23)
DCV24 + ASU24 + PR24		4.60 (3.91 to 5.51)	77.56 (73.25 to 81.27)
SIM12 PR24-48 RGT or SIM12 PR48		3.87 (1.30 to 5.08)	62.79 (6.57 to 78.24)
B32 PR36-48 RGT		2.95 (1.73 to 4.16)	42.17 (16.26 to 62.95)
SOF12 PR12		3.36 (1.65 to 4.66)	51.03 (14.41 to 72.00)
GRZ12 + ELB12 + RBV12		4.56 (3.85 to 5.45)	76.72 (70.43 to 80.71)
DCV12 + ASU12 + BEC12 + RBV12		3.98 (0.84 to 5.18)	66.10 (−3.44 to 79.19)
DCV12 + ASU12 + BEC12		4.31 (3.32 to 5.26)	72.23 (52.36 to 79.01)
SOF24 + LDV24	SOF12 + LDV12	1.19 (0.60 to 1.99)	14.53 (−31.04 to 46.70)
SOF12 + LDV12 + RBV12		1.24 (0.99 to 2.06)	17.82 (−1.05 to 47.07)
SOF24 + LDV24 + RBV24		1.17 (0.74 to 1.93)	12.47 (−20.30 to 43.72)
T12 PR48 q8		1.11 (0.80 to 1.84)	8.12 (−16.81 to 38.93)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
SIM12 PR24-48 RGT		0.89 (0.55 to 1.54)	-7.93 (-37.49 to 25.23)
SIM12 PR48		1.07 (0.68 to 1.80)	5.61 (-25.93 to 37.62)
PAR/RIT12 + OMB12 + DAS12		1.27 (0.97 to 2.12)	19.98 (-2.43 to 50.82)
DCV24 + ASU24		1.05 (0.78 to 1.75)	3.49 (-19.81 to 34.53)
DCV24 + ASU24 + PR24		1.33 (1.07 to 2.22)	24.55 (6.56 to 54.42)
SIM12 PR24-48 RGT or SIM12 PR48		1.11 (0.39 to 1.83)	8.79 (-48.53 to 41.70)
B32 PR36-48 RGT		0.86 (0.49 to 1.50)	-10.35 (-41.71 to 24.83)
SOF12 PR12		0.98 (0.48 to 1.72)	-1.66 (-41.95 to 34.77)
GRZ12 + ELB12 + RBV12		1.31 (1.06 to 2.21)	23.47 (5.58 to 53.66)
DCV12 + ASU12 + BEC12 + RBV12		1.13 (0.25 to 1.92)	10.48 (-56.94 to 44.45)
DCV12 + ASU12 + BEC12		1.25 (0.93 to 2.08)	18.53 (-6.47 to 48.92)
SOF12 + LDV12 + RBV12	SOF24 + LDV24	1.02 (0.90 to 2.02)	1.73 (-9.21 to 44.95)
SOF24 + LDV24 + RBV24		0.98 (0.64 to 1.94)	-1.95 (-32.82 to 43.89)
T12 PR48 q8		0.92 (0.69 to 1.84)	-7.11 (-29.21 to 37.80)
SIM12 PR24-48 RGT		0.75 (0.47 to 1.50)	-22.77 (-49.83 to 23.02)
SIM12 PR48		0.90 (0.58 to 1.79)	-9.17 (-38.80 to 36.36)
PAR/RIT12 + OMB12 + DAS12		1.05 (0.85 to 2.09)	4.31 (-14.73 to 49.20)
DCV24 + ASU24		0.87 (0.69 to 1.71)	-11.78 (-29.89 to 32.60)
DCV24 + ASU24 + PR24		1.09 (1.00 to 2.24)	8.11 (-0.20 to 54.47)
SIM12 PR24-48 RGT or SIM12 PR48		0.95 (0.33 to 1.80)	-4.68 (-59.41 to 38.25)
B32 PR36-48 RGT		0.73 (0.43 to 1.44)	-24.42 (-54.49 to 21.05)
SOF12 PR12		0.82 (0.41 to 1.71)	-16.00 (-55.18 to 33.21)
GRZ12 + ELB12 + RBV12		1.08 (0.97 to 2.22)	7.26 (-2.88 to 53.33)
DCV12 + ASU12 + BEC12 + RBV12		0.97 (0.20 to 1.92)	-2.43 (-73.17 to 43.35)
DCV12 + ASU12 + BEC12		1.03 (0.82 to 2.09)	2.76 (-17.14 to 48.39)
SOF24 + LDV24 + RBV24	SOF12 + LDV12 + RBV12	0.95 (0.61 to 1.11)	-4.60 (-35.48 to 9.75)
T12 PR48 q8		0.90 (0.68 to 1.05)	-9.63 (-29.74 to 4.59)
SIM12 PR24-48 RGT		0.72 (0.45 to 0.91)	-25.74 (-50.41 to -7.74)
SIM12 PR48		0.87 (0.55 to 1.05)	-12.06 (-41.03 to 4.09)
PAR/RIT12 + OMB12 + DAS12		1.03 (0.84 to 1.16)	2.62 (-14.94 to 13.66)
DCV24 + ASU24		0.85 (0.69 to 0.96)	-14.08 (-28.31 to -3.88)
DCV24 + ASU24 + PR24		1.07 (1.01 to 1.20)	6.26 (1.39 to 16.69)
SIM12 PR24-48 RGT or SIM12 PR48		0.91 (0.32 to 1.09)	-7.96 (-60.90 to 7.79)
B32 PR36-48 RGT		0.69 (0.41 to 0.93)	-28.50 (-54.96 to -6.01)
SOF12 PR12		0.79 (0.40 to 1.04)	-19.60 (-55.45 to 3.36)
GRZ12 + ELB12 + RBV12		1.06 (0.99 to 1.19)	5.31 (-1.18 to 15.97)
DCV12 + ASU12 + BEC12 + RBV12		0.95 (0.19 to 1.13)	-4.91 (-74.51 to 11.04)
DCV12 + ASU12 + BEC12		1.01 (0.81 to 1.15)	1.16 (-18.26 to 12.27)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
T12 PR48 q8	SOF24 + LDV24 + RBV24	0.95 (0.71 to 1.49)	-4.81 (-26.79 to 28.21)
SIM12 PR24-48 RGT		0.77 (0.48 to 1.21)	-20.15 (-47.41 to 12.52)
SIM12 PR48		0.92 (0.59 to 1.46)	-7.08 (-36.94 to 26.49)
PAR/RIT12 + OMB12 + DAS12		1.08 (0.85 to 1.67)	7.04 (-13.74 to 38.38)
DCV24 + ASU24		0.89 (0.69 to 1.39)	-9.40 (-29.31 to 22.25)
DCV24 + ASU24 + PR24		1.13 (1.00 to 1.77)	11.03 (0.16 to 42.89)
SIM12 PR24-48 RGT or SIM12 PR48		0.97 (0.32 to 1.54)	-2.86 (-61.16 to 32.37)
B32 PR36-48 RGT		0.74 (0.43 to 1.21)	-22.55 (-52.31 to 12.99)
SOF12 PR12		0.83 (0.42 to 1.42)	-14.61 (-52.94 to 24.53)
GRZ12 + ELB12 + RBV12		1.11 (0.98 to 1.75)	10.07 (-1.56 to 42.06)
DCV12 + ASU12 + BEC12 + RBV12		0.99 (0.21 to 1.55)	-0.80 (-67.83 to 33.65)
DCV12 + ASU12 + BEC12		1.06 (0.83 to 1.66)	5.30 (-15.71 to 37.37)
SIM12 PR24-48 RGT	T12 PR48 q8	0.81 (0.52 to 1.11)	-16.10 (-41.58 to 7.33)
SIM12 PR48		0.97 (0.74 to 1.09)	-2.37 (-19.08 to 7.04)
PAR/RIT12 + OMB12 + DAS12		1.14 (0.92 to 1.50)	11.85 (-7.25 to 31.59)
DCV24 + ASU24		0.94 (0.73 to 1.26)	-4.62 (-23.80 to 17.17)
DCV24 + ASU24 + PR24		1.19 (1.06 to 1.57)	16.13 (5.54 to 35.80)
SIM12 PR24-48 RGT or SIM12 PR48		1.02 (0.35 to 1.39)	1.42 (-54.55 to 26.22)
B32 PR36-48 RGT		0.77 (0.46 to 1.14)	-18.59 (-46.44 to 9.17)
SOF12 PR12		0.88 (0.44 to 1.27)	-9.96 (-47.02 to 18.40)
GRZ12 + ELB12 + RBV12		1.18 (1.04 to 1.55)	15.25 (3.47 to 34.77)
DCV12 + ASU12 + BEC12 + RBV12		1.05 (0.21 to 1.42)	4.38 (-66.03 to 28.10)
DCV12 + ASU12 + BEC12		1.12 (0.88 to 1.48)	10.38 (-10.46 to 30.95)
SIM12 PR48	SIM12 PR24-48 RGT	1.20 (0.77 to 1.89)	13.53 (-16.35 to 40.32)
PAR/RIT12 + OMB12 + DAS12		1.42 (1.16 to 2.11)	27.67 (12.51 to 48.72)
DCV24 + ASU24		1.17 (0.87 to 1.85)	11.56 (-9.81 to 36.69)
DCV24 + ASU24 + PR24		1.49 (1.21 to 2.37)	32.52 (16.84 to 57.19)
SIM12 PR24-48 RGT or SIM12 PR48		1.25 (0.43 to 2.00)	16.94 (-38.73 to 46.46)
B32 PR36-48 RGT		0.96 (0.56 to 1.61)	-2.38 (-32.10 to 27.98)
SOF12 PR12		1.09 (0.54 to 1.83)	6.22 (-32.99 to 38.64)
GRZ12 + ELB12 + RBV12		1.48 (1.19 to 2.34)	31.57 (15.17 to 56.10)
DCV12 + ASU12 + BEC12 + RBV12		1.29 (0.28 to 2.05)	19.97 (-48.08 to 48.01)
DCV12 + ASU12 + BEC12		1.40 (1.04 to 2.20)	26.61 (3.14 to 51.27)
PAR/RIT12 + OMB12 + DAS12	SIM12 PR48	1.18 (0.93 to 1.83)	14.31 (-6.18 to 42.31)
DCV24 + ASU24		0.97 (0.74 to 1.53)	-2.17 (-23.05 to 27.71)
DCV24 + ASU24 + PR24		1.23 (1.06 to 1.94)	18.60 (5.46 to 47.78)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
SIM12 PR24-48 RGT or SIM12 PR48		1.05 (0.36 to 1.63)	3.69 (-52.22 to 34.78)
B32 PR36-48 RGT		0.80 (0.47 to 1.31)	-15.88 (-45.37 to 16.69)
SOF12 PR12		0.91 (0.46 to 1.48)	-7.26 (-45.55 to 27.01)
GRZ12 + ELB12 + RBV12		1.22 (1.04 to 1.93)	17.78 (3.62 to 47.10)
DCV12 + ASU12 + BEC12 + RBV12		1.08 (0.22 to 1.68)	6.43 (-63.74 to 37.41)
DCV12 + ASU12 + BEC12		1.16 (0.89 to 1.80)	12.72 (-9.29 to 41.22)
DCV24 + ASU24	PAR/RIT12 + OMB12 + DAS12	0.82 (0.66 to 1.03)	-16.77 (-33.34 to 2.53)
DCV24 + ASU24 + PR24		1.04 (0.99 to 1.27)	3.32 (-1.01 to 21.02)
SIM12 PR24-48 RGT or SIM12 PR48		0.89 (0.30 to 1.13)	-10.34 (-65.06 to 10.90)
B32 PR36-48 RGT		0.68 (0.40 to 0.94)	-30.70 (-57.18 to -5.39)
SOF12 PR12		0.77 (0.39 to 1.04)	-21.73 (-58.21 to 3.51)
GRZ12 + ELB12 + RBV12		1.03 (0.96 to 1.26)	2.54 (-4.08 to 20.46)
DCV12 + ASU12 + BEC12 + RBV12		0.93 (0.19 to 1.17)	-6.84 (-76.77 to 13.66)
DCV12 + ASU12 + BEC12		0.99 (0.78 to 1.21)	-1.42 (-20.92 to 16.35)
DCV24 + ASU24 + PR24	DCV24 + ASU24	1.27 (1.12 to 1.60)	20.85 (10.74 to 36.90)
SIM12 PR24-48 RGT or SIM12 PR48		1.07 (0.37 to 1.41)	5.88 (-47.95 to 27.73)
B32 PR36-48 RGT		0.82 (0.49 to 1.18)	-14.23 (-41.54 to 11.96)
SOF12 PR12		0.93 (0.47 to 1.32)	-5.41 (-42.10 to 21.46)
GRZ12 + ELB12 + RBV12		1.25 (1.10 to 1.58)	19.90 (9.09 to 36.10)
DCV12 + ASU12 + BEC12 + RBV12		1.11 (0.23 to 1.45)	8.80 (-60.77 to 29.52)
DCV12 + ASU12 + BEC12		1.19 (0.94 to 1.50)	15.15 (-5.36 to 31.97)
SIM12 PR24-48 RGT or SIM12 PR48	DCV24 + ASU24 + PR24	0.85 (0.29 to 1.00)	-14.68 (-70.68 to -0.09)
B32 PR36-48 RGT		0.64 (0.38 to 0.85)	-35.28 (-60.87 to -15.02)
SOF12 PR12		0.73 (0.37 to 0.94)	-26.36 (-62.81 to -5.49)
GRZ12 + ELB12 + RBV12		0.99 (0.94 to 1.02)	-0.66 (-6.13 to 2.04)
DCV12 + ASU12 + BEC12 + RBV12		0.89 (0.18 to 1.01)	-11.32 (-81.01 to 0.70)
DCV12 + ASU12 + BEC12		0.95 (0.75 to 1.00)	-5.01 (-24.74 to 0.38)
B32 PR36-48 RGT	SIM12 PR24-48 RGT or SIM12 PR48	0.78 (0.44 to 2.31)	-19.01 (-51.52 to 39.07)
SOF12 PR12		0.88 (0.44 to 2.73)	-9.85 (-50.99 to 50.93)
GRZ12 + ELB12 + RBV12		1.16 (0.99 to 3.48)	13.69 (-1.46 to 70.01)
DCV12 + ASU12 + BEC12 + RBV12		1.02 (0.22 to 2.82)	1.99 (-68.17 to 58.73)
DCV12 + ASU12 + BEC12		1.10 (0.85 to 3.17)	8.77 (-13.83 to 62.51)
SOF12 PR12	B32 PR36-48 RGT	1.13 (0.54 to 2.03)	8.53 (-33.29 to 42.88)
GRZ12 + ELB12 + RBV12		1.54 (1.16 to 2.58)	34.29 (13.29 to 60.04)
DCV12 + ASU12 + BEC12 + RBV12		1.31 (0.29 to 2.30)	20.87 (-46.73 to 53.17)
DCV12 + ASU12 + BEC12		1.45 (1.03 to 2.45)	29.05 (2.64 to 55.87)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
GRZ12 + ELB12 + RBV12	SOF12 PR12	1.35 (1.04 to 2.69)	25.42 (3.94 to 61.62)
DCV12 + ASU12 + BEC12 + RBV12		1.15 (0.25 to 2.37)	11.56 (-58.21 to 53.64)
DCV12 + ASU12 + BEC12		1.28 (0.92 to 2.55)	20.13 (-7.01 to 57.30)
DCV12 + ASU12 + BEC12 + RBV12	GRZ12 + ELB12 + RBV12	0.90 (0.18 to 1.03)	-10.15 (-80.06 to 2.64)
DCV12 + ASU12 + BEC12		0.96 (0.76 to 1.03)	-4.17 (-23.74 to 3.16)
DCV12 + ASU12 + BEC12	DCV12 + ASU12 + BEC12 + RBV12	1.06 (0.88 to 4.95)	5.42 (-11.15 to 70.82)
Random effect model	Residual deviance	38.62 vs. 40 data points	
	Deviance information criteria	200.83	
Fixed effect model	Residual deviance	38.33 vs. 40 data points	
	Deviance information criteria	200.074	

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.