

Rash

TABLE 144: RASH TREATMENT-EXPERIENCED: RELATIVE RISKS AND RISK DIFFERENCE FOR ALL TREATMENT COMPARISONS — RANDOM EFFECTS MODEL

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
SIM12 + SOF12	PR48	0.58 (0.04 to 3.80)	-5.40 (-13.58 to 35.98)
SOF12 + LDV12		0.17 (0.04 to 0.56)	-10.87 (-14.21 to -5.41)
SOF12 + LDV12 + RBV12		0.64 (0.33 to 1.32)	-4.66 (-9.53 to 3.92)
SOF24 + LDV24 + RBV24		0.78 (0.34 to 1.88)	-2.92 (-9.11 to 11.25)
T12 PR48 q8		2.22 (1.40 to 3.80)	16.07 (5.40 to 34.87)
SIM12 PR24-48 RGT		1.02 (0.44 to 2.12)	0.26 (-7.30 to 14.31)
SIM12 PR48		1.44 (0.82 to 2.58)	5.85 (-2.46 to 19.61)
SOF12 + SIM12 + RBV12		1.79 (0.36 to 4.80)	10.52 (-8.53 to 48.61)
B32 PR36-48 RGT		2.19 (1.07 to 3.94)	15.88 (0.90 to 35.95)
SOF12 + RBV12		1.11 (0.38 to 2.73)	1.48 (-8.54 to 21.68)
SOF24 + RBV24		1.26 (0.27 to 3.66)	3.43 (-9.84 to 33.55)
PAR/RIT12 + OMB12 + DAS12		0.06 (0.00 to 0.36)	-12.27 (-15.22 to -7.95)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.61 (0.24 to 1.81)	-5.16 (-10.50 to 10.35)
DCV24 + ASU24		0.27 (0.07 to 0.88)	-9.58 (-13.58 to -1.46)
DCV24 + ASU24 + PR24		2.62 (0.99 to 4.94)	21.54 (-0.09 to 48.90)
SOF12 + PR12		1.39 (0.64 to 2.81)	5.19 (-5.00 to 21.81)
SOF12 + LDV12	SIM12 + SOF12	0.28 (0.03 to 5.20)	-5.26 (-46.40 to 3.50)
SOF12 + LDV12 + RBV12		1.12 (0.15 to 18.14)	0.91 (-40.08 to 12.14)
SOF24 + LDV24 + RBV24		1.36 (0.17 to 22.22)	2.54 (-37.70 to 17.96)
T12 PR48 q8		3.86 (0.57 to 57.92)	20.66 (-19.85 to 41.07)
SIM12 PR24-48 RGT		1.76 (0.23 to 27.34)	5.34 (-35.69 to 21.49)
SIM12 PR48		2.52 (0.36 to 38.41)	10.86 (-29.50 to 26.81)
SOF12 + SIM12 + RBV12		2.82 (0.61 to 29.09)	12.69 (-11.98 to 44.02)
B32 PR36-48 RGT		3.71 (0.57 to 49.50)	19.36 (-19.59 to 40.27)
SOF12 + RBV12		1.90 (0.24 to 27.12)	6.00 (-33.84 to 27.01)
SOF24 + RBV24		2.08 (0.21 to 35.67)	7.28 (-32.48 to 36.78)
PAR/RIT12 + OMB12 + DAS12		0.09 (0.00 to 2.75)	-6.63 (-48.00 to 1.41)
PAR/RIT12 + OMB12 + DAS12 + RBV12		1.08 (0.13 to 18.41)	0.61 (-39.91 to 16.48)
DCV24 + ASU24		0.46 (0.05 to 7.36)	-3.88 (-44.58 to 6.58)
DCV24 + ASU24 + PR24		4.36 (0.70 to 56.71)	24.14 (-12.64 to 50.17)
SOF12 + PR12		2.39 (0.32 to 37.63)	9.81 (-31.06 to 28.54)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
SOF12 + LDV12 + RBV12	SOF12 + LDV12	3.84 (1.17 to 15.70)	6.10 (0.91 to 13.88)
SOF24 + LDV24 + RBV24		4.61 (1.35 to 19.85)	7.89 (1.55 to 20.64)
T12 PR48 q8		13.42 (3.87 to 55.87)	26.99 (15.20 to 44.71)
SIM12 PR24-48 RGT		6.20 (1.39 to 28.60)	11.14 (1.93 to 24.81)
SIM12 PR48		8.75 (2.50 to 37.00)	16.66 (7.41 to 30.01)
SOF12 + SIM12 + RBV12		10.91 (1.41 to 56.78)	21.36 (1.58 to 59.24)
B32 PR36-48 RGT		13.18 (3.54 to 53.07)	26.57 (11.43 to 46.09)
SOF12 + RBV12		6.65 (1.44 to 30.74)	12.29 (1.86 to 31.66)
SOF24 + RBV24		7.46 (1.18 to 39.57)	14.18 (0.63 to 43.63)
PAR/RIT12 + OMB12 + DAS12		0.34 (0.02 to 3.14)	-1.33 (-6.18 to 2.48)
PAR/RIT12 + OMB12 + DAS12 + RBV12		3.72 (0.82 to 20.06)	5.75 (-0.82 to 20.49)
DCV24 + ASU24		1.58 (0.28 to 9.21)	1.22 (-3.87 to 8.90)
DCV24 + ASU24 + PR24		15.60 (3.44 to 64.06)	32.36 (9.94 to 59.19)
SOF12 + PR12		8.50 (1.94 to 37.97)	16.09 (4.97 to 31.95)
SOF24 + LDV24 + RBV24	SOF12 + LDV12 + RBV12	1.21 (0.49 to 2.96)	1.72 (-6.37 to 14.10)
T12 PR48 q8		3.44 (1.61 to 7.67)	20.75 (7.89 to 37.99)
SIM12 PR24-48 RGT		1.58 (0.52 to 4.21)	4.88 (-6.52 to 19.19)
SIM12 PR48		2.24 (0.97 to 5.06)	10.49 (-0.34 to 23.45)
SOF12 + SIM12 + RBV12		2.76 (0.48 to 9.58)	14.93 (-6.16 to 53.62)
B32 PR36-48 RGT		3.38 (1.25 to 8.41)	20.29 (3.15 to 41.03)
SOF12 + RBV12		1.72 (0.48 to 5.26)	5.99 (-6.52 to 26.12)
SOF24 + RBV24		1.93 (0.36 to 6.91)	7.92 (-7.64 to 37.97)
PAR/RIT12 + OMB12 + DAS12		0.09 (0.00 to 0.58)	-7.54 (-15.71 to -2.39)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.96 (0.30 to 2.99)	-0.33 (-9.35 to 13.65)
DCV24 + ASU24		0.41 (0.09 to 1.55)	-4.78 (-13.49 to 3.44)
DCV24 + ASU24 + PR24		4.05 (1.18 to 10.14)	25.98 (2.12 to 53.45)
SOF12 + PR12		2.17 (0.74 to 5.64)	9.83 (-3.50 to 26.34)
T12 PR48 q8	SOF24 + LDV24 + RBV24	2.83 (1.12 to 7.70)	18.76 (2.41 to 36.97)
SIM12 PR24-48 RGT		1.31 (0.38 to 3.92)	3.12 (-12.51 to 17.75)
SIM12 PR48		1.84 (0.68 to 4.97)	8.59 (-6.63 to 22.64)
SOF12 + SIM12 + RBV12		2.26 (0.37 to 8.72)	12.95 (-10.44 to 51.80)
B32 PR36-48 RGT		2.79 (0.90 to 7.88)	18.35 (-1.93 to 39.98)
SOF12 + RBV12		1.41 (0.37 to 4.90)	4.12 (-12.12 to 24.63)
SOF24 + RBV24		1.61 (0.27 to 6.14)	6.04 (-13.25 to 35.77)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
PAR/RIT12 + OMB12 + DAS12		0.07 (0.00 to 0.53)	-9.34 (-22.89 to -2.58)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.79 (0.22 to 2.88)	-2.12 (-16.29 to 12.59)
DCV24 + ASU24		0.34 (0.07 to 1.43)	-6.47 (-20.58 to 2.81)
DCV24 + ASU24 + PR24		3.33 (0.88 to 9.67)	23.88 (-2.00 to 52.15)
SOF12 + PR12		1.81 (0.55 to 5.17)	8.03 (-9.22 to 24.79)
SIM12 PR24-48 RGT	T12 PR48 q8	0.46 (0.16 to 1.04)	-15.41 (-35.95 to 0.88)
SIM12 PR48		0.66 (0.37 to 1.04)	-9.92 (-25.61 to 0.88)
SOF12 + SIM12 + RBV12		0.80 (0.15 to 2.31)	-5.75 (-32.42 to 32.79)
B32 PR36-48 RGT		0.99 (0.42 to 1.96)	-0.42 (-23.96 to 21.92)
SOF12 + RBV12		0.50 (0.16 to 1.22)	-14.35 (-34.03 to 5.33)
SOF24 + RBV24		0.57 (0.11 to 1.70)	-12.37 (-35.50 to 17.21)
PAR/RIT12 + OMB12 + DAS12		0.03 (0.00 to 0.14)	-28.35 (-45.29 to -17.62)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.28 (0.12 to 0.63)	-20.69 (-34.28 to -10.02)
DCV24 + ASU24		0.12 (0.03 to 0.39)	-25.46 (-43.21 to -13.32)
DCV24 + ASU24 + PR24		1.18 (0.39 to 2.41)	5.28 (-23.49 to 33.35)
SOF12 + PR12		0.63 (0.25 to 1.43)	-10.70 (-32.46 to 9.20)
SIM12 PR48	SIM12 PR24-48 RGT	1.41 (0.57 to 3.97)	5.43 (-10.44 to 21.29)
SOF12 + SIM12 + RBV12		1.74 (0.31 to 6.45)	9.82 (-13.82 to 49.06)
B32 PR36-48 RGT		2.13 (0.77 to 5.90)	15.22 (-5.38 to 37.36)
SOF12 + RBV12		1.08 (0.30 to 3.66)	1.06 (-15.66 to 22.26)
SOF24 + RBV24		1.23 (0.23 to 4.71)	2.94 (-16.29 to 33.78)
PAR/RIT12 + OMB12 + DAS12		0.05 (0.00 to 0.43)	-12.56 (-26.15 to -3.73)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.60 (0.18 to 2.42)	-5.25 (-19.30 to 11.27)
DCV24 + ASU24		0.26 (0.05 to 1.11)	-9.68 (-24.07 to 0.88)
DCV24 + ASU24 + PR24		2.54 (0.76 to 7.29)	20.70 (-4.95 to 49.38)
SOF12 + PR12		1.36 (0.48 to 3.96)	4.83 (-12.14 to 22.77)
SOF12 + SIM12 + RBV12	SIM12 PR48	1.23 (0.24 to 3.73)	4.26 (-18.35 to 42.71)
B32 PR36-48 RGT		1.52 (0.67 to 3.08)	9.86 (-8.72 to 30.28)
SOF12 + RBV12		0.77 (0.25 to 1.84)	-4.33 (-19.09 to 13.87)
SOF24 + RBV24		0.87 (0.18 to 2.67)	-2.41 (-21.07 to 26.73)
PAR/RIT12 + OMB12 + DAS12		0.04 (0.00 to 0.24)	-18.11 (-31.00 to -9.43)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.43 (0.16 to 1.20)	-10.70 (-22.52 to 3.18)
DCV24 + ASU24		0.19 (0.05 to 0.59)	-15.15 (-28.14 to -5.87)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
DCV24 + ASU24 + PR24		1.81 (0.62 to 3.84)	15.51 (-9.00 to 42.62)
SOF12 + PR12		0.97 (0.37 to 2.31)	-0.54 (-17.99 to 17.95)
B32 PR36-48 RGT	SOF12 + SIM12 + RBV12	1.23 (0.46 to 4.94)	5.33 (-29.92 to 26.49)
SOF12 + RBV12		0.63 (0.17 to 3.12)	-8.51 (-45.64 to 14.87)
SOF24 + RBV24		0.71 (0.14 to 3.84)	-6.40 (-45.48 to 23.97)
PAR/RIT12 + OMB12 + DAS12		0.03 (0.00 to 0.36)	-22.72 (-61.00 to -3.37)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.35 (0.09 to 2.34)	-14.96 (-53.30 to 8.45)
DCV24 + ASU24		0.15 (0.03 to 0.85)	-19.59 (-57.37 to -0.90)
DCV24 + ASU24 + PR24		1.45 (0.59 to 4.85)	10.07 (-19.08 to 32.71)
SOF12 + PR12		0.78 (0.22 to 4.49)	-5.14 (-45.19 to 21.13)
SOF12 + RBV12	B32 PR36-48 RGT	0.51 (0.21 to 1.11)	-13.65 (-30.53 to 2.61)
SOF24 + RBV24		0.59 (0.16 to 1.42)	-11.18 (-29.98 to 11.00)
PAR/RIT12 + OMB12 + DAS12		0.03 (0.00 to 0.18)	-28.10 (-47.61 to -12.58)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.28 (0.10 to 1.00)	-20.50 (-40.85 to -0.01)
DCV24 + ASU24		0.12 (0.04 to 0.35)	-25.07 (-43.00 to -11.46)
DCV24 + ASU24 + PR24		1.18 (0.61 to 2.00)	5.31 (-10.88 to 24.96)
SOF12 + PR12		0.64 (0.24 to 1.75)	-10.32 (-34.11 to 12.73)
SOF24 + RBV24	SOF12 + RBV12	1.13 (0.25 to 3.95)	1.82 (-19.00 to 29.10)
PAR/RIT12 + OMB12 + DAS12		0.05 (0.00 to 0.40)	-13.73 (-33.07 to -3.54)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.56 (0.16 to 2.35)	-6.29 (-25.24 to 9.99)
DCV24 + ASU24		0.24 (0.06 to 0.92)	-10.75 (-29.51 to -0.58)
DCV24 + ASU24 + PR24		2.32 (0.83 to 6.21)	19.18 (-3.73 to 44.53)
SOF12 + PR12		1.26 (0.39 to 4.60)	3.78 (-18.46 to 23.33)
PAR/RIT12 + OMB12 + DAS12	SOF24 + RBV24	0.04 (0.00 to 0.49)	-15.63 (-45.25 to -2.14)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.49 (0.12 to 3.11)	-8.09 (-37.78 to 10.97)
DCV24 + ASU24		0.22 (0.05 to 1.13)	-12.70 (-40.91 to 0.51)
DCV24 + ASU24 + PR24		2.01 (0.68 to 8.32)	16.54 (-10.41 to 43.44)
SOF12 + PR12		1.12 (0.30 to 6.00)	1.89 (-29.70 to 23.61)
PAR/RIT12 + OMB12 + DAS12 + RBV12	PAR/RIT12 + OMB12 + DAS12	11.19 (1.72 to 174.90)	7.10 (1.62 to 21.47)
DCV24 + ASU24		4.77 (0.49 to 91.28)	2.59 (-1.72 to 10.24)
DCV24 + ASU24 + PR24		45.32 (5.66 to 810.90)	33.83 (11.37 to 60.52)
SOF12 + PR12		24.92 (3.35 to	17.50 (6.92 to 33.32)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
		469.80)	
DCV24 + ASU24	PAR/RIT12 + OMB12 + DAS12 + RBV12	0.43 (0.08 to 1.85)	-4.33 (-19.05 to 4.05)
DCV24 + ASU24 + PR24		4.21 (1.00 to 12.84)	26.15 (0.05 to 53.47)
SOF12 + PR12		2.29 (0.61 to 7.39)	10.12 (-7.53 to 26.91)
DCV24 + ASU24 + PR24	DCV24 + ASU24	9.49 (2.81 to 35.25)	30.70 (9.63 to 56.42)
SOF12 + PR12		5.22 (1.26 to 24.91)	14.62 (2.24 to 31.14)
SOF12 + PR12	DCV24 + ASU24 + PR24	0.54 (0.20 to 1.76)	-16.01 (-45.56 to 11.79)
Random effect model	Residual deviance	49.87 vs. data points	
	Deviance information criteria	278.127	
Fixed effect model	Residual deviance	52.35 vs. data points	
	Deviance information criteria	278.13	

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; 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.