

Anemia

TABLE 145: ANEMIA TREATMENT-EXPERIENCED: RELATIVE RISKS AND RISK DIFFERENCE FOR ALL TREATMENT COMPARISONS — RANDOM EFFECTS MODEL

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
SOF12 + LDV12	PR48	0.02 (0.00 to 0.11)	-18.42 (-21.51 to -15.38)
SOF12 + LDV12 + RBV12		0.31 (0.15 to 0.59)	-12.99 (-17.27 to -7.51)
SOF24 + LDV24 + RBV24		0.51 (0.23 to 1.04)	-9.27 (-15.52 to 0.73)
T12 PR48 q8		1.94 (1.31 to 2.79)	17.88 (6.16 to 32.35)
SIM12 PR24-48 RGT		0.83 (0.45 to 1.48)	-3.14 (-10.96 to 8.88)
SIM12 PR48		0.68 (0.40 to 1.17)	-5.97 (-12.17 to 3.02)
B32 PR36-48 RGT		2.40 (1.55 to 3.59)	26.73 (10.90 to 46.41)
SOF12 + RBV12		0.70 (0.30 to 1.61)	-5.77 (-13.91 to 11.06)
SOF24 + RBV24		0.41 (0.08 to 1.35)	-11.16 (-18.49 to 6.46)
PAR/RIT12 + OMB12 + DAS12		0.01 (0.00 to 0.07)	-18.73 (-21.80 to -15.77)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.27 (0.11 to 0.66)	-13.73 (-18.13 to -6.17)
DCV24 + ASU24 + PR24		0.28 (0.10 to 0.79)	-13.67 (-18.43 to -3.92)
SOF12 + PR12		1.02 (0.56 to 1.69)	0.30 (-8.74 to 12.65)
SOF12 + LDV12 + RBV12	SOF12 + LDV12	12.32 (3.06 to 101.00)	5.36 (2.35 to 10.23)
SOF24 + LDV24 + RBV24		20.32 (4.33 to 170.60)	9.00 (3.78 to 18.78)
T12 PR48 q8		79.12 (17.46 to 704.10)	36.28 (24.70 to 50.65)
SIM12 PR24-48 RGT		33.92 (6.74 to 314.90)	15.25 (7.66 to 27.26)
SIM12 PR48		27.93 (6.00 to 253.60)	12.40 (7.01 to 20.83)
B32 PR36-48 RGT		97.06 (21.37 to 887.50)	45.20 (29.55 to 64.31)
SOF12 + RBV12		28.27 (4.88 to 293.00)	12.65 (4.90 to 29.25)
SOF24 + RBV24		16.58 (1.77 to 180.50)	7.14 (0.75 to 24.60)
PAR/RIT12 + OMB12 + DAS12		0.37 (0.03 to 7.00)	-0.25 (-1.76 to 0.88)
PAR/RIT12 + OMB12 + DAS12 + RBV12		11.29 (1.98 to 111.90)	4.59 (1.29 to 11.93)
DCV24 + ASU24 + PR24		11.36 (1.85 to 120.10)	4.63 (0.98 to 14.21)
SOF12 + PR12		40.96 (8.35 to 384.60)	18.70 (10.16 to 30.68)
SOF24 + LDV24 + RBV24	SOF12 + LDV12 + RBV12	1.61 (0.68 to 3.94)	3.58 (-2.55 to 13.03)
T12 PR48 q8		6.11 (3.12 to 13.55)	30.69 (18.80 to 45.37)
SIM12 PR24-48 RGT		2.65 (1.11 to 6.84)	9.70 (0.97 to 22.24)
SIM12 PR48		2.17 (1.01 to 5.07)	6.95 (0.09 to 15.84)
B32 PR36-48 RGT		7.62 (3.59 to 17.69)	39.61 (23.01 to 59.05)
SOF12 + RBV12		2.24 (0.77 to 6.84)	7.24 (-1.96 to 24.12)
SOF24 + RBV24		1.28 (0.24 to 5.12)	1.65 (-6.37 to 19.38)
PAR/RIT12 + OMB12 + DAS12		0.03 (0.00 to 0.21)	-5.69 (-10.51 to -2.63)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.86 (0.32 to 2.58)	-0.78 (-6.41 to 6.78)
DCV24 + ASU24 + PR24		0.88 (0.26 to 3.01)	-0.67 (-6.94 to 9.03)
SOF12 + PR12		3.21 (1.36 to 8.17)	13.23 (3.22 to 25.91)
T12 PR48 q8	SOF24 + LDV24 + RBV24	3.79 (1.74 to 9.13)	26.83 (12.28 to 42.55)
SIM12 PR24-48 RGT		1.64 (0.63 to 4.48)	6.08 (-6.19 to 19.21)
SIM12 PR48		1.35 (0.57 to 3.55)	3.29 (-7.69 to 13.45)
B32 PR36-48 RGT		4.71 (2.07 to 11.51)	35.67 (17.45 to 55.88)
SOF12 + RBV12		1.39 (0.47 to 4.44)	3.58 (-8.62 to 20.74)
SOF24 + RBV24		0.79 (0.14 to 3.35)	-1.93 (-13.62 to 16.00)
PAR/RIT12 + OMB12 + DAS12		0.02 (0.00 to 0.15)	-9.34 (-19.21 to -4.00)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.54 (0.18 to 1.75)	-4.33 (-14.38 to 4.32)
DCV24 + ASU24 + PR24		0.55 (0.15 to 2.02)	-4.18 (-14.77 to 6.25)
SOF12 + PR12		2.02 (0.78 to 5.10)	9.53 (-3.71 to 22.86)
SIM12 PR24-48 RGT	T12 PR48 q8	0.43 (0.21 to 0.86)	-20.75 (-37.40 to -4.01)
SIM12 PR48		0.36 (0.23 to 0.55)	-23.59 (-35.04 to -13.56)
B32 PR36-48 RGT		1.24 (0.73 to 2.09)	8.97 (-12.45 to 31.58)
SOF12 + RBV12		0.36 (0.15 to 0.87)	-23.23 (-38.96 to -4.12)
SOF24 + RBV24		0.21 (0.04 to 0.73)	-28.43 (-44.60 to -8.70)
PAR/RIT12 + OMB12 + DAS12		0.00 (0.00 to 0.04)	-36.60 (-50.90 to -25.05)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.14 (0.07 to 0.29)	-31.35 (-42.69 to -21.30)
DCV24 + ASU24 + PR24		0.14 (0.05 to 0.38)	-31.16 (-44.49 to -18.79)
SOF12 + PR12		0.52 (0.26 to 0.98)	-17.48 (-34.89 to -0.68)
SIM12 PR48	SIM12 PR24-48 RGT	0.82 (0.38 to 1.90)	-2.85 (-15.95 to 8.96)
B32 PR36-48 RGT		2.87 (1.41 to 6.17)	29.56 (9.80 to 51.06)
SOF12 + RBV12		0.83 (0.30 to 2.44)	-2.53 (-16.61 to 15.74)
SOF24 + RBV24		0.48 (0.09 to 1.94)	-7.93 (-21.61 to 11.18)
PAR/RIT12 + OMB12 + DAS12		0.01 (0.00 to 0.10)	-15.57 (-27.49 to -8.06)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.33 (0.12 to 1.00)	-10.47 (-22.75 to -0.03)
DCV24 + ASU24 + PR24		0.33 (0.10 to 1.12)	-10.39 (-23.00 to 1.36)
SOF12 + PR12		1.22 (0.53 to 2.72)	3.36 (-11.55 to 17.57)
B32 PR36-48 RGT	SIM12 PR48	3.52 (1.85 to 6.47)	32.78 (14.85 to 52.18)
SOF12 + RBV12		1.03 (0.39 to 2.52)	0.39 (-10.65 to 16.46)
SOF24 + RBV24		0.59 (0.11 to 2.12)	-5.06 (-15.70 to 12.33)
PAR/RIT12 + OMB12 + DAS12		0.01 (0.00 to 0.11)	-12.73 (-21.09 to -7.33)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.40 (0.17 to 0.93)	-7.59 (-15.14 to -0.79)
DCV24 + ASU24 + PR24		0.40 (0.17 to 0.97)	-7.42 (-14.12 to -0.36)
SOF12 + PR12		1.47 (0.66 to 3.13)	6.14 (-6.35 to 19.74)

TREATMENT	REFERENCE	RR (95% CRI)	RD % (95% CRL)
SOF12 + RBV12	B32 PR36-48 RGT	0.30 (0.14 to 0.56)	-31.61 (-46.46 to -17.59)
SOF24 + RBV24		0.17 (0.04 to 0.49)	-36.87 (-53.66 to -21.14)
PAR/RIT12 + OMB12 + DAS12		0.00 (0.00 to 0.03)	-45.55 (-64.53 to -29.84)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.11 (0.04 to 0.30)	-40.32 (-59.74 to -23.18)
DCV24 + ASU24 + PR24		0.12 (0.04 to 0.34)	-40.09 (-59.39 to -22.41)
SOF12 + PR12		0.42 (0.21 to 0.82)	-26.35 (-48.08 to -6.11)
SOF24 + RBV24	SOF12 + RBV12	0.57 (0.12 to 2.02)	-5.47 (-20.19 to 10.23)
PAR/RIT12 + OMB12 + DAS12		0.01 (0.00 to 0.12)	-12.96 (-29.49 to -5.29)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.39 (0.12 to 1.29)	-7.84 (-24.29 to 2.03)
DCV24 + ASU24 + PR24		0.39 (0.10 to 1.48)	-7.76 (-24.42 to 3.58)
SOF12 + PR12		1.43 (0.52 to 3.95)	5.67 (-12.99 to 20.39)
PAR/RIT12 + OMB12 + DAS12	SOF24 + RBV24	0.02 (0.00 to 0.30)	-7.45 (-24.88 to -1.19)
PAR/RIT12 + OMB12 + DAS12 + RBV12		0.68 (0.16 to 4.16)	-2.39 (-19.81 to 6.79)
DCV24 + ASU24 + PR24		0.69 (0.14 to 4.83)	-2.31 (-19.49 to 8.93)
SOF12 + PR12		2.48 (0.64 to 14.00)	11.16 (-8.13 to 25.42)
PAR/RIT12 + OMB12 + DAS12 + RBV12	PAR/RIT12 + OMB12 + DAS12	29.04 (3.23 to 418.50)	4.91 (1.79 to 12.11)
DCV24 + ASU24 + PR24		29.55 (2.94 to 458.60)	4.94 (1.41 to 14.47)
SOF12 + PR12		107.60 (13.04 to 1289.00)	19.02 (10.52 to 30.92)
DCV24 + ASU24 + PR24	PAR/RIT12 + OMB12 + DAS12 + RBV12	1.00 (0.30 to 3.45)	-0.01 (-6.88 to 9.06)
SOF12 + PR12		3.68 (1.27 to 10.29)	13.85 (2.75 to 26.31)
SOF12 + PR12	DCV24 + ASU24 + PR24	3.63 (1.10 to 11.84)	13.67 (1.15 to 26.59)
Random effect model	Residual deviance	37.06 vs. 38 data points	
	Deviance information criteria	223.003	
Fixed effect model	Residual deviance	37.64 vs. 38 data points	
	Deviance information criteria	222.563	

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.