

Standard Pediatric 10% IVIG Infusion Rate Table

This table represents recommended maximum infusion rates. Slower infusions reduce rate related side effects such as headache, shivering, HR and BP changes. Assess patient with each rate change. Increase rates beyond table recommendations in consultation with the Authorized Prescriber. For specific product information, refer to product insert.

Pt Weight (kg)		Start rate for 30 min	Increase rate in 15 minute intervals as tolerated			MAX rate for initial IVIG treatment OR more than 8 weeks since last IVIG treatment; and high risk patients	MAX rate if less than 8 weeks since last IVIG treatment and 4.8 mL/kg/h tolerated for at least 15 min
See IVIG order for dosing body weight		0.5 mL/kg/h	1 mL/kg/h	1.5 mL/kg/h	3 mL/kg/h	4.8 mL/kg/h*	8 mL/kg/h**
1 kg	mL/h	0.5	1	1.5	3	4.8	8
	(mL)	(0.25)	(0.25)	(0.38)	(0.75)	(1.2)	(2)
2.5 kg	mL/h	1.25	2.5	3.75	7.5	12	20
	(mL)	(0.63)	(0.63)	(0.94)	(1.88)	(3)	(5)
5 kg	mL/h	2.5	5	7.5	15	24	40
	(mL)	(1.25)	(1.25)	(1.88)	(3.75)	(6)	(10)
7.5 kg	mL/h	3.75	7.5	11.25	22.5	36	60
	(mL)	(1.88)	(1.88)	(2.81)	(5.63)	(9)	(15)
10 kg	mL/h	5	10	15	30	48	80
	(mL)	(2.5)	(2.5)	(3.75)	(7.5)	(12)	(20)
15 kg	mL/h	7.5	15	22.5	45	72	120
	(mL)	(3.75)	(3.75)	(5.63)	(11.25)	(18)	(30)
20 kg	mL/h	10	20	30	60	96	160
	(mL)	(5)	(5)	(7.5)	(15)	(24)	(40)
25 kg	mL/h	12.5	25	37.5	75	120	200
	(mL)	(6.25)	(6.25)	(9.38)	(18.75)	(30)	(50)
30 kg	mL/h	15	30	45	90	144	240
	(mL)	(7.5)	(7.5)	(11.25)	(22.5)	(36)	(60)
35 kg	mL/h	17.5	35	52.5	105	168	280
	(mL)	(8.75)	(8.75)	(13.13)	(26.25)	(42)	(70)
40 kg	mL/h	20	40	60	120	192	320
	(mL)	(10)	(10)	(15)	(30)	(48)	(80)
45 kg	mL/h	22.5	45	67.5	135	216	360
	(mL)	(11.25)	(11.25)	(16.88)	(33.75)	(54)	(90)
50 kg	mL/h	25	50	75	150	240	400
	(mL)	(12.5)	(12.5)	(18.75)	(37.5)	(60)	(100)
60 kg	mL/h	30	60	90	180	288	480
	(mL)	(15)	(15)	(22.5)	(45)	(72)	(120)

Rate calculation: Pt Weight (kg) x Desired Rate (mL/kg/h) = mL/h (if patient weight not on this infusion table) [e.g. 180 kg x 0.5 mL/kg/h = 90mL/h]

VTBI calculation: For 30 min (mL) = Infusion rate (mL/h) x 0.5 h For 15 min (mL) = Infusion rate (mL/h) x 0.25 h

***Caution:** High infusion rates should not be used for patients with renal impairment, cardiac impairment or those with impaired homeostasis, previous thrombotic events or dehydration as they are at increased risk of thrombus formation.

****Caution:** The maximum rate should only be used if the patient has had previous exposures to IVIG infusion and demonstrated tolerability on more than one occasion. In these chronic infusion situations, some intervening rate increases may be eliminated if close monitoring for adverse events is available.