

Dosage of intramuscular EPINEPHrine 1:1000 (1 mg/mL) solution, by age or weight

Weight is the preferred basis for dosage but if unknown, use age as a guide.

Age Use weight if available	Weight (kg)	EPINEPHrine dose (1 mg/mL) ampoule/vial		EPINEPHrine autoinjector dose Use only if measured dose by weight is unavailable
		mg or mg/kg/dose	Volume 1 mg/mL (mL)	
Birth to less 5 kg	Less than 5 kg	0.01 mg/kg/ dose or 0.1 mg	0.01 mL/kg/ dose or 0.1 mL	N/A
Greater than 5 kg and less than 2 years	5–10	0.1 mg	0.1 mL	0.15 mg
2 to less than 4 years	11–15	0.15 mg	0.15 mL	
4 to less than 7 years	16–20	0.2 mg	0.2 mL	
	21–25	0.25 mg	0.25 mL	0.3 mg
7 to less than 10 years	26–30	0.3 mg	0.3 mL	
	31–35	0.35 mg	0.35 mL	
10 to 12 years	36–40	0.4 mg	0.4 mL	
	41–45	0.45 mg	0.45 mL	
Older than 12 years	46 and above	0.5 mg	0.5 mL	0.5 mg

Source: Public Health Agency of Canada. Anaphylaxis and other acute reactions following immunization: Canadian Immunization Guide: Part 2 – Vaccine Safety. Ottawa (ON): PHAC; 2020. Table 4 Dosage of intramuscular EPINEPHrine 1:1000 (1 mg/mL) solution, by age or weight.