

APLS aide-memoire: boys

Age	Guide Weight (kg)	A ET tube		C Joules	C Fluids	C Adrenaline	D Lorazepam	D Glucose	RR At rest	HR Beats per minute	BP Systolic		
		Int diameter mm	Length cm	4 J/kg	20 ml/kg (ml)	0.1 ml/kg of 1:10 000 (ml)	0.1 mg/kg Max 4 mg (mg)	2 ml/kg of 10% Glucose (ml)	Breaths per minute 5 th -95 th centile	Beats per minute 5 th -95 th centile	5 th centile	50 th centile	95 th centile
Birth	3.5	3.0/3.5	9	20	70	0.4	0.4	7	25-50	120-170	65-75	80-90	105
1 month	4.5	3.5	9	20	90	0.5	0.5	9	25-50	120-170	65-75	80-90	105
3 months	6.5	3.5	10	30	130	0.7	0.7	13	25-45	115-160	65-75	80-90	105
6 months	8	4	12	30	160	0.8	0.8	16	20-40	110-160	65-75	80-90	105
12 months	9.5	4.5	13	40	200	1.0	1.0	19	20-40	110-160	70-75	85-95	105
18 months	11	4.5	13	40	220	1.1	1.1	22	20-35	100-155	70-75	85-95	105
2 years	12	4.5	13	50	240	1.2	1.2	24	20-30	100-150	70-80	85-100	110
3 years	14	5	14	60	280	1.4	1.4	28	20-30	90-140	70-80	85-100	110
4 years	16	5	14	60	320	1.6	1.6	32	20-30	80-135	70-80	85-100	110
5 years	18	5.5	14	80	360	1.8	1.8	36	20-30	80-135	80-90	90-110	110-120
6 years	21	5.5	15	80	420	2.1	2.1	42	20-30	80-130	80-90	90-110	110-120
7 years	23	6	15	100	460	2.3	2.3	46	20-30	80-130	80-90	90-110	110-120
8 years	25	6	16	100	500	2.5	2.5	50	15-25	70-120	80-90	90-110	110-120
9 years	28	6.5	16	120	500	2.8	2.8	56	15-25	70-120	80-90	90-110	110-120
10 years	31	6.5	17	130	500	3.1	3.1	62	15-25	70-120	80-90	90-110	110-120
11 years	35	6.5	17	140	500	3.5	3.5	70	15-25	70-120	80-90	90-110	110-120
12 years	43	7.5	18	150	500	4.3	4.0	86	12-24	65-115	90-105	100-120	125-140
14 years	50	8	21	150	500	5.0	4.0	100	12-24	60-110	90-105	100-120	125-140
Adult	70	8	24	120-150 Joules biphasic	500	10 ml (i.e. 1 mg)	4 mg	100 ml	12-24	60-110	90-105	100-120	125-140

TIP: If a child is particularly big go up one or two years; particularly small go down one or two years

The final responsibility for delivery of the correct dose remains that of the physician prescribing and administering the drug

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Birth	3.5	3.0/3.5	9	20	70	0.4	0.4	7	25-50	120-170	65-75	80-90	105
1 month	4.5	3.5	9	20	90	0.5	0.5	9	25-50	120-170	65-75	80-90	105
3 months	6	3.5	10	30	120	0.6	0.6	12	25-45	115-160	65-75	80-90	105
6 months	7	4	12	30	140	0.7	0.7	14	20-40	110-160	65-75	80-90	105
12 months	9	4.5	13	40	180	0.9	0.9	18	20-40	110-160	70-75	85-95	105
18 months	10	4.5	13	40	200	1.0	1.0	20	20-35	100-155	70-75	85-95	105
2 years	12	4.5	13	50	240	1.2	1.2	24	20-30	100-150	70-80	85-100	110
3 years	14	5	14	60	280	1.4	1.4	28	20-30	90-140	70-80	85-100	110
4 years	16	5	14	60	320	1.6	1.6	32	20-30	80-135	70-80	85-100	110
5 years	18	5.5	14	80	360	1.8	1.8	36	20-30	80-135	80-90	90-110	110-120
6 years	20	5.5	15	80	400	2.0	2.0	40	20-30	80-130	80-90	90-110	110-120
7 years	22	6	15	90	440	2.2	2.2	44	20-30	80-130	80-90	90-110	110-120
8 years	25	6	16	100	500	2.5	2.5	50	15-25	70-120	80-90	90-110	110-120
9 years	28	6.5	16	120	500	2.8	2.8	56	15-25	70-120	80-90	90-110	110-120
10 years	32	6.5	17	130	500	3.2	3.2	64	15-25	70-120	80-90	90-110	110-120
11 years	35	6.5	17	140	500	3.5	3.5	70	15-25	70-120	80-90	90-110	110-120
12 years	43	7.5	18	150	500	4.3	4.0	86	12-24	65-115	90-105	100-120	125-140
14 years	50	8	21	150	500	5.0	4.0	100	12-24	60-110	90-105	100-120	125-140
Adult	70	8	24	120-150 Joules biphasic	500	10 ml (i.e. 1 mg)	4 mg	100 ml	12-24	60-110	90-105	100-120	125-140

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