


Section: ALS Quick Reference Guides  
Subject: RAPID SEQUENCE INDUCTION (RSI) MEDICATIONS  
Section #: 347.01  
Issue Date: March 21, 2011  
Revision Date: December 1, 2017  
Approved By: 

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## RSI Quick Reference Chart

### Etomidate:

Concentration as Packaged = 2.0 mg/ml

Dosage = 0.3 mg/kg IV

Weight/kg	50	55	60	65	70	75	80	85	90	95	100	110	115	120
Weight/lbs	110	121	132	143	154	165	176	187	198	209	225	242	253	264
mg	15	16.5	18	19.5	21	22.5	24	25.5	27	28.5	30	33	34.5	36
ml	7.5	8.25	9	9.75	10.5	11.25	12	12.75	13.5	14.25	15	16.5	17.25	18

### Succinylcholine:

Concentration as Packaged = 20 mg/ml

Dosage = 1.5 mg/kg IV over 30 seconds

Weight/kg	50	55	60	65	70	75	80	85	90	95	100	110	115	120
Weight/lbs	110	121	132	143	154	165	176	187	198	209	225	242	253	264
mg	75	82.5	90	97.5	105	112.5	120	127.5	135	142.5	150	165	172.5	180
ml	3.75	4.125	4.5	4.875	5.25	5.625	6	6.375	6.75	7.125	7.5	8.25	8.625	9

### Vecuronium:

Concentration as Packaged = 1.0 mg/ml

Dosage = 0.1 mg/kg IV over 1 – 2 minutes


Weight/kg	50	55	60	65	70	75	80	85	90	95	100	110	115	120
Weight/lbs	110	121	132	143	154	165	176	187	198	209	225	242	253	264
mg	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	11	11.5	12
ml	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	11	11.5	12

### Rocuronium:

Concentration as Packaged = 10 mg/ml

Dosage = 0.6 mg/kg IV

Weight/kg	50	55	60	65	70	75	80	85	90	95	100	110	115	120
Weight/lbs	110	121	132	143	154	165	176	187	198	209	225	242	253	264
mg	30	33	36	39	42	45	48	51	54	57	60	66	69	72
ml	3	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6	6.6	6.9	7.2

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**Ketamine (for Induction):**

Concentration as Packaged = 50 mg/ml

Dosage = 2.0 mg/kg IV

Weight/kg	50	55	60	65	70	75	80	85	90	95	100	110	115	120
Weight/lbs	110	121	132	143	154	165	176	187	198	209	225	242	253	264
mg	100	110	120	130	140	150	160	170	180	190	200	220	230	240
ml	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.4	4.6	4.8

**Ketamine (for post-procedural sedation):**

Concentration as Packaged = 50 mg/ml

Dosage = 1.0 mg/kg IV

Weight/kg	50	55	60	65	70	75	80	85	90	95	100	110	115	120
Weight/lbs	110	121	132	143	154	165	176	187	198	209	225	242	253	264
mg	50	55	60	65	70	75	80	85	90	95	100	110	115	120
ml	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4