

Mannitol Dosing Table



Sugar or Salt trial:
Hyperosmolar therapy in
traumatic brain injury

ML/KG DOSING

Kg	<35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94
Weight for calculation	35	40	45	50	55	60	65	70	75	80	85	90
Mannitol 20%	70	80	90	100	110	120	130	140	150	160	170	180
Mannitol 15%	105	120	135	150	165	180	195	210	225	240	255	270
Mannitol 10%	140	160	180	200	220	240	260	280	300	320	340	360

Kg	95-99	100-104	105-109	110-114	115-119	120-124	125-129	130-134	135-139	140-144	145-149	150-154
Weight for calculation	95	100	105	110	115	120	125	130	135	140	145	150
Mannitol 20%	190	200	210	220	230	240	250	260	270	280	290	300
Mannitol 15%	285	300	315	330	345	360	375	390	405	420	435	450
Mannitol 10%	380	400	420	440	460	480	500	520	540	560	580	600

Hypertonic Saline Dosing Table



Sugar or Salt trial:
Hyperosmolar therapy in
traumatic brain injury

ML/KG DOSING

Kg	<35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94
Weight for calculation	35	40	45	50	55	60	65	70	75	80	85	90
HTS 30%	7	8	9	10	11	12	13	14	15	16	17	18
HTS 23%	11	12	13	15	17	18	20	21	23	24	26	27
HTS 7.50%	31	36	40	45	50	54	59	63	68	72	77	81
HTS 5%	46	52	59	65	72	78	85	91	98	104	111	117
HTS 2.70%	84	96	108	120	132	144	156	168	180	192	204	216

Kg	95-99	100-104	105-109	110-114	115-119	120-124	125-129	130-134	135-139	140-144	145-149	150-154
Weight for calculation	95	100	105	110	115	120	125	130	135	140	145	150
HTS 30%	19	20	21	22	23	24	25	26	27	28	29	30
HTS 23%	29	30	32	33	35	36	38	39	41	42	44	45
HTS 7.50%	86	90	95	100	104	108	113	117	122	126	131	135
HTS 5%	124	130	137	143	150	156	163	169	176	182	189	195
HTS 2.70%	228	240	252	264	276	288	300	312	324	336	348	360