

**TABLE 8****Composition of Commonly Used Crystalloids<sup>1,2,3,4</sup>**

	Osmolarity (mOsm/L)	pH	Na (mEq/L)	Cl (mEq/L)	K (mEq/L)	Mg (mEq/L)	Ca (mEq/L)	Dextrose (g/L)	Buffers
<b>REPLACEMENT CRYSTALLOID FLUIDS</b>									
<b>Hypertonic Crystalloids</b>									
<b>3% NaCl</b>	1027	5.0	513	513	0	0	0	0	None
<b>5% NaCl</b>	1711	5.0	856	856	0	0	0	0	None
<b>7.5% NaCl</b>	2566	5.0	1293	1293	0	0	0	0	None
<b>23.4% NaCl</b>	8008	5.0	4004	4004	0	0	0	0	None
<b>Isotonic Crystalloids</b>									
<b>0.9% NaCl</b>	308	5.0	154	154	0	0	0	0	None
<b>Plasma-Lyte A</b>	294	7.4	140	98	5	3	0	0	Acetate, Gluconate
<b>Plasma-Lyte 148</b>	294	5.5	140	98	5	3	0	0	Acetate, Gluconate
<b>Normosol R</b>	294	5.5	140	98	5	3	0	0	Acetate, Gluconate
<b>Lactated Ringer's</b>	275	6.5	130	109	4	0	3	0	Lactate
<b>MAINTENANCE CRYSTALLOID FLUIDS</b>									
<b>Hypotonic Crystalloids</b>									
<b>Plasma-Lyte 56 in 5% dextrose</b>	363	3.5-6	40	40	13	3	0	50	Acetate
<b>0.45% NaCl</b>	154	5.6	77	77	0	0	0	0	None
<b>0.45 NaCl in 2.5% dextrose</b>	280	4.5	77	77	0	0	0	25	None
<b>5% dextrose in water</b>	252	4.0	0	0	0	0	0	50	None
<b>Normosol M in 5% dextrose</b>	363	5.0	40	40	13	3	0	50	None

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