

Weight Based Dosing Chart for Parenteral Morphine Sulfate (MS) and Hydromorphone

Patient weight range (kg)	MS dose (mg) ^a	MS dose increased by 25%	MS dose increased by 50%
40 – 60	5	6	7.5
61 – 80	7.5	10	12
81 – 150	10	12	15
Patient weight range (kg)	Hydromorphone dose (mg) ^{b,c}	Hydromorphone dose Increased by 25%	Hydromorphone dose Increased by 50%
40 – 60	1	1.2	1.5
61 – 80	1.5	2	2.5
81 – 150	2	2.5	3

- a. Weight based dosing for MS = 0.1 mg/kg
- b. Weight based dosing for hydromorphone = 0.02 mg/kg
- c. 10 mg morphine sulfate = 2 mg hydromorphone [National Cancer Institute Pain (PDQ). Pharmacologic management. <http://www.cancer.gov/cancertopics/pdq/supportivecare/pain/HealthProfessional/page3>. (Accessed May 27, 2014).]

Equianalgesic doses contained in this chart are approximate, and should be used only as a guideline. Dosing must be titrated to individual response.