

Jackson County Medical Control Authority
MICU Protocols
MILRINONE (COROTROPE, PRIMACOR)

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Page 1 of 1

Milrinone (Corotrope, Primacor)

Indications: Short-term management of congestive heart failure.

Contra-indications: Hypersensitivity.

Adverse Effects: Headache, ventricular arrhythmias

Administration: Initial IV loading dose of 50 mcg/kg over 10 minutes followed by an infusion of 0.375 - 0.75 mcg/kg/min. (mix 20mg Milrinone in 80 ml/D5W). Maximum dose 1.13 mg/kg/day.

Patient Weight						
<u>mcg/kg/min</u>	<u>50 kg</u>	<u>60 kg</u>	<u>70 kg</u>	<u>80 kg</u>	<u>90 kg</u>	<u>100 kg</u>
<u>0.375 mcg</u>	<u>5.6</u>	<u>6.8</u>	<u>7.9</u>	<u>9</u>	<u>10.1</u>	<u>11.3</u>
<u>0.5 mcg</u>	<u>7.5</u>	<u>9</u>	<u>10.5</u>	<u>12</u>	<u>13.5</u>	<u>15</u>
<u>0.625 mcg</u>	<u>9.4</u>	<u>11.3</u>	<u>13.1</u>	<u>15</u>	<u>16.9</u>	<u>18.8</u>
<u>0.75 mcg</u>	<u>11.3</u>	<u>13.5</u>	<u>15.8</u>	<u>18</u>	<u>20.3</u>	<u>22.5</u>

ml/hr

MICU Directives:

1. Follow generalized protocol for MICU transports.
2. Maintain appropriate delivery rate by IV infusion pump.
3. Monitor vital signs every 5-10 minutes.
4. Discontinue and notify appropriate medical direction facility if patient develops severe hypotension or hypersensitivity occurs.
5. If an invasive arterial line monitoring device is present and compatible with MICU equipment, continue monitoring during transport.