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|  | M03.1 - MORPHINE | |
| | MEDICATION STANDING ORDER | |
| Version date: 2023-07-24 | Effective date: 2023-09-05 (0700 hrs) | |

| INDICATIONS |
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| <ul style="list-style-type: none"> Moderate to severe pain from an acute illness, injury, or an exacerbation of a chronic condition that is significant enough to require analgesic to facilitate safe and comfortable patient transport (<u>all protocols except E30 - IERHA Palliative Care</u>) |

| CONTRAINDICATIONS |
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| <ul style="list-style-type: none"> True allergy to morphine Decreased level of consciousness or known / suspected significant head injury Significant drug or alcohol intoxication Hypoventilation or respiratory failure Uncorrected / uncorrectable hypotension or hypo-perfusion |

| ROUTE (WORK SCOPE) | INITIAL DOSE | REPEAT DOSE |
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| INTRAMUSCULAR (ICP & ABOVE) | 10 years & older - 0.1 mg/kg (max = 10 mg/dose) | 30 minutes (max = 20 mg/hr) |
| | 12 months up to 10 years - 0.1 mg/kg (max = 5 mg/dose) | 30 minutes (max = 10 mg/hr) |
| INTRAVENOUS / INTRAOSSEOUS (ICP & ABOVE) | 10 years & older - 0.1 mg/kg (max = 10 mg/dose) | 15 minutes (max = 20 mg/hr) |
| | 12 months up to 10 years - 0.1 mg/kg (max = 5 mg/dose) | 15 minutes (max = 10 mg/hr) |

| NOTES |
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| <ol style="list-style-type: none"> 1. Administer IV / IO by slow push over 60 second. 2. Morphine may have more pronounced effects on the central nervous, respiratory and cardiovascular systems in the elderly, especially if frail or compromised. Consider smaller doses and slower administration in patients greater than 75 years of age. 3. Morphine may have pronounced depressive effects on the respiratory drive of opioid-naïve patients. Consider smaller doses and slower administration. 4. Patients who are compensating for hemodynamic compromise may develop hypotension after morphine administration. If hypotension develops, give IV fluid by rapid bolus and reassess before repeating opioid administration. |

| APPROVED BY | |
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| Medical Director - Provincial EMS/PT | Associate Medical Director - Provincial EMS/PT |

| VERSION CHANGES (refer to X08 for change tracking) |
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| <ul style="list-style-type: none"> • Revised dosing table presents information more clearly |