

## FENTANYL (SUBLIMAZE)

### Indications:

- Extremity injury (including hip and shoulder injury)
- Back or flank pain.
- Abdominal pain: give initial dose only.
- Burns
- Chest Pain

### Contraindications:

- Altered Level of Consciousness, any etiology
- Hypotension, auscultated B/P less than 100 mmHG
- Respiratory compromise, hypoxemia
- Pregnancy
- Age less than two years old

### Side effects:

- Muscle rigidity - particularly involving the muscles of respiration
- Respiratory depression
- Apnea
- Rigidity
- Bradycardia
- Hypotension
- Dizziness
- Blurred vision
- Nausea/Vomiting
- Diaphoresis

**Class:** Synthetic opioid, Schedule II controlled substance

**Mechanism of Action:** Competitive agonist that binds to opioid receptors which are found principally in the central and peripheral nervous system.

**Concentration:** 100.0 mcg/2.0 ml

### Dosage:

#### Adult:

- **Pain Management**  
1.0 mcg/kg IV/IO/IM/IN slowly every 5 minutes  
(not to exceed 100 mcg per unit dose) a maximum total dose of 200 mcg

#### Pediatric:

- **Pain Management (2 yrs of age or greater)**  
1.0 mcg/kg IV/IO/IM/IN slowly every 5 minutes  
(not to exceed 100 mcg per unit dose) a maximum total dose of 200 mcg

## FENTANYL (SUBLIMAZE) cont.

<b>3KG</b>	<b>4KG</b>	<b>5KG</b>	<b>6KG</b>	<b>7KG</b>	<b>8KG</b>	<b>9KG</b>	<b>10KG</b>	<b>11KG</b>	<b>12KG</b>	<b>13KG</b>
0.06ml	0.08ml	0.1ml	0.12ml	0.14ml	0.16ml	0.18ml	0.2ml	0.22ml	0.24ml	0.26ml

<b>14KG</b>	<b>15KG</b>	<b>16KG</b>	<b>17KG</b>	<b>18KG</b>	<b>19KG</b>	<b>20KG</b>	<b>21KG</b>	<b>22KG</b>	<b>23KG</b>	<b>24KG</b>
0.28ml	0.3ml	0.32ml	0.34ml	0.36ml	0.38ml	0.4ml	0.42ml	0.44ml	0.46ml	0.48ml

<b>25KG</b>	<b>26KG</b>	<b>27KG</b>	<b>28KG</b>	<b>29KG</b>	<b>30KG</b>	<b>31KG</b>	<b>32KG</b>	<b>33KG</b>	<b>34KG</b>	<b>35KG</b>
0.5ml	0.52ml	0.54ml	0.56ml	0.58ml	0.6ml	0.62ml	0.64ml	0.66ml	0.68ml	0.7ml

<b>36KG</b>
0.72ml