

# Opioid Conversion Chart

| ‘Strong’ opioids |                 |                  |                   |                  |                |                 |                  |                                |                  |                   |                  |                                |                  | Patches   |   | ‘Weak opioids’   |                   |
|------------------|-----------------|------------------|-------------------|------------------|----------------|-----------------|------------------|--------------------------------|------------------|-------------------|------------------|--------------------------------|------------------|---|---|------------------|-------------------|
| Morphine         |                 |                  |                   |                  | Oxycodone      |                 |                  |                                |                  | Diamorphine       |                  | Alfentanil                     |                  | Fentanyl  | Buprenorphine   | Tramadol         | Codeine Phosphate |
| Oral (mg)        |                 |                  | Subcutaneous (mg) |                  | Oral (mg)      |                 |                  | Subcutaneous <sup>1</sup> (mg) |                  | Subcutaneous (mg) |                  | Subcutaneous <sup>2</sup> (mg) |                  | Transdermal Patch (mcg/hr)<br><i>Stable pain only</i> | Transdermal patch (mcg/hr)<br><i>Stable pain only</i> | Oral (mg)        | Oral (mg)         |
| 4 hr dose (IR)   | 12 hr dose (MR) | 24 hr total dose | 4 hr dose         | 24 hr total dose | 4 hr Dose (IR) | 12 hr Dose (MR) | 24 hr total dose | 4 hr dose                      | 24 hr total dose | 4 hr dose         | 24 hr total dose | 4 hr dose                      | 24 hr total dose | Change every 72 hours                                 | Change at intervals indicated                         | 24 hr total dose | 24 hr total dose  |
| 1.25             |                 | <b>10</b>        |                   |                  |                |                 |                  |                                |                  |                   |                  |                                |                  |   | 5 7 days  | 100              | 120               |
| 2.5              | 10              | <b>20</b>        | 1.25              | <b>10</b>        | 1.25           | 5               | <b>10</b>        | 1.25                           | <b>5</b>         | 1.25              | <b>5</b>         | 0.125                          | <b>0.5</b>       |   | 10 7 days   | 200              | 240               |
| 5                | 15              | <b>30</b>        | 2.5               | <b>15</b>        | 2.5            | 10              | <b>20</b>        | 1.25                           | <b>10</b>        | 1.25              | <b>10</b>        | 0.125                          | <b>1</b>         | 6-12  | 15 7 days   | 300              |                   |
| 7.5              | 20              | <b>40</b>        | 5                 | <b>20</b>        | 5              | 10              | <b>20</b>        | 2.5                            | <b>10</b>        | 2.5               | <b>15</b>        | 0.25                           | <b>1.5</b>       | 12  | 20 7 days   | 400              |                   |
| 10               | 30              | <b>60</b>        | 5                 | <b>30</b>        | 5              | 15              | <b>30</b>        | 2.5                            | <b>15</b>        | 2.5               | <b>20</b>        | 0.25                           | <b>2</b>         | 12-25   | 35 72 hrs   |                  |                   |
| 15               | 45              | <b>90</b>        | 7.5               | <b>45</b>        | 7.5            | 25              | <b>45</b>        | 3.75                           | <b>25</b>        | 5                 | <b>30</b>        | 0.5                            | <b>3</b>         | 25-37   | 52.5 72 hrs   |                  |                   |
| 20               | 60              | <b>120</b>       | 10                | <b>60</b>        | 10             | 30              | <b>60</b>        | 5                              | <b>30</b>        | 7.5               | <b>40</b>        | 0.75                           | <b>4</b>         | 37-50   | 52.5 72 hrs   |                  |                   |
| 30               | 90              | <b>180</b>       | 15                | <b>90</b>        | 15             | 45              | <b>90</b>        | 7.5                            | <b>45</b>        | 10                | <b>60</b>        | 1                              | <b>6</b>         | 50-75   |   |                  |                   |

<sup>1</sup>Some units recommend a 1:1 conversion from CSCI morphine to CSCI oxycodone\* rather than the 2:1 conversion in the table above.

<sup>2</sup>Some units recommend an 18:1 conversion from PO morphine to CSCI alfentanil\* rather than the 30:1 conversion in the table above.

\*Seek specialist advice when doses are greater than the equivalent of 180mg PO morphine in 24 hours

Consider reducing the equianalgesic dose by 25-33% if converting from a less sedating opioid, e.g. fentanyl to morphine, oxycodone or diamorphine, as sedative actions may be greater for an equianalgesic dose.