


170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
mm

 6:51 3/02

Identification Ref. No. CSY/HF/9

Court Exhibit No.

P - v -

Description
Copy of Presenting for the Elderly

Time/Date Seized/Produced
0717 hrs 21st March 2006

Where Seized/Produced
Fareham Police Station

Seized/Produced by
DC JAMES GATES

Signed **Code A**

Incident/Crime No. D. Rochester

Major Incident Item No. X729

Laboratory Ref.

Equivalent doses of morphine sulphate by mouth (as oral solution *or* standard tablets *or* as modified-release tablets) *or* of diamorphine hydrochloride by intramuscular injection *or* by subcutaneous infusion

These equivalences are approximate only and may need to be adjusted according to response

| ORAL MORPHINE | | PARENTERAL DIAMORPHINE | |
|---|--|--|--|
| Morphine sulphate oral solution or standard tablets | Morphine sulphate modified-release tablets | Diamorphine hydrochloride by intramuscular injection | Diamorphine hydrochloride by subcutaneous infusion |
| every 4 hours | every 12 hours | every 4 hours | every 24 hours |
| 5 mg | 20 mg | 2.5 mg | 15 mg |
| 10 mg | 30 mg | 5 mg | 20 mg |
| 15 mg | 50 mg | 5 mg | 30 mg |
| 20 mg | 60 mg | 7.5 mg | 45 mg |
| 30 mg | 90 mg | 10 mg | 60 mg |
| 40 mg | 120 mg | 15 mg | 90 mg |
| 60 mg | 180 mg | 20 mg | 120 mg |
| 80 mg | 240 mg | 30 mg | 180 mg |
| 100 mg | 300 mg | 40 mg | 240 mg |
| 130 mg | 400 mg | 50 mg | 300 mg |
| 160 mg | 500 mg | 60 mg | 360 mg |
| 200 mg | 600 mg | 70 mg | 400 mg |

If breakthrough pain occurs give a subcutaneous (preferable) or intramuscular injection of diamorphine equivalent to one-sixth of the total 24-hour subcutaneous infusion dose. It is kinder to give an intermittent bolus injection *subcutaneously*—absorption is smoother so that the risk of adverse effects at peak absorption is avoided (an even better method is to use a subcutaneous butterfly needle).

To minimise the risk of infection no ● al subcutaneous infusion solution should be u ● longer than 24 hours.