INSTRUCTIONS FOR MORPHINE EQUIVALENT DAILY DOSE (MEDD)
Translate the dose and route of each of the opioids the patient has received over the last 24 hours to parenteral morphine equivalent using a standard conversion table (see below).

**MEDD initial**: It is the 24hr opioid dose before the physician meets with the patient. (Using the conversion table found online which has the MEDD factors). i.e midnight-midnight.

**MEDD final**: The final 24 hrs opioid dosage that the patient receives.
- **Discharged**: Take the last complete 24hr period the patient received opioid dosage before discharge.
- **Death**: Take the last complete 24hr period that the patient was alive for and use that as the final MEDD dosage.

**MORPHINE EQUIVALENT DAILY DOSE (MEDD) CONVERSION TABLE**

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<th>MEDD_FACTOR</th>
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Note:
1. MEDD calculation: \[\text{DOSE} \times \text{MEDD\_FACTOR}\]
2. Abbreviation list
PO  Oral
IM  Intramuscular
IV  Intravenous
SC  Subcutaneous
SL  Sublingual
R  Rectal
EP  Epidural
IT  Intrathecal
TD  Transdermal

References:


Lawlor P, Fan D, Hanson J, Bruera E. Equianalgesic conversion dose ratio of morphine (M) to hydromorphone (HM) in patients with cancer pain. Presented at the 11th International Congress on Care of the Terminally Ill. Montreal, PQ, September 7-11, 1996


