

INSTRUCTIONS FOR MEAN 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.

MEAN EQUIVALENT DAILY DOSE (MEDD) CONVERSION TABLE

MEDICATION	ROUTE	MEDD_FACTOR	MEDICATION	ROUTE	MEDD_FACTOR
CODEINE	IM	0.1	METHADONE	IV	8
CODEINE	PO	0.05	METHADONE	PO	4
CODEINE	R	0.05	METHADONE	R	4
CODEINE	SC	0.1	METHADONE	SC	8
DIAMORPHINE	PO	0.65	MORPHINE	EP	3
DIAMORPHINE	SC	1.3	MORPHINE	IT	30
DIAMORPHONE	EP	3.9	MORPHINE	IM	1
DIAMORPHONE	IT	39	MORPHINE	IV	1
FENTANYL	EP	0.3	MORPHINE	PO	0.4
FENTANYL	IT	3	MORPHINE	R	0.4
FENTANYL	PO	0.05	MORPHINE	SC	1
FENTANYL	SL	0.05	OXYCODONE	PO	0.63
FENTANYL	IV	0.1	OXYCODONE	SC	1.5
FENTANYL	SC	0.1	PROPOXYPHENE	IM	0.167
FENTANYL	TD	0.1	PROPOXYPHENE	IV	0.167
HYDROCODONE	PO	0.4	PROPOXYPHENE	PO	0.08
HYDROMORPHONE	IM	5	PROPOXYPHENE	R	0.08
HYDROMORPHONE	IV	5	PROPOXYPHENE	SC	0.167
HYDROMORPHONE	PO	2	PROPOXYPHENE	TD	0.167
HYDROMORPHONE	SC	5	SUFENTANIL	SC	1
HYDROMORPHONE	EP	15	SUFENTANIL	IV	1
HYDROMORPHONE	IT	150	SUFENTANIL	PO	0.5
LEVO-DROMORAN	SC	5	SUFENTANIL	SL	0.5
MEPERIDINE	EP	0.3	TRAMADOL	PO	0.05
MEPERIDINE	IT	3	TRAMADOL	SC	0.1
MEPERIDINE	IM	0.1			
MEPERIDINE	IV	0.1			
MEPERIDINE	PO	0.05			
MEPERIDINE	SC	0.1			
METHADONE	EP	24			
METHADONE	IT	240			

Note:

1. MEDD calculation: [DOSE] × [MEDD_FACTOR]
2. Abbreviation list

PO	Oral
IM	Intramuscular
IV	Intravenous
SC	Subcutaneous
SL	Sublingual
R	Rectal
EP	Epidural
IT	Intrathecal
TD	Transdermal

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