

Adapted IHI Trigger Tool for Measuring Opioid Related Adverse Drug Events

Opioid ADE Patient Record Review Sheet

Patient Name / Identification # who was administered opioid: _____ Patient's Age: _____

Admission Date: _____ Discharge Date: _____

- | | | | |
|--|--|---|---------------------------------------|
| <input type="checkbox"/> Morphine | <input type="checkbox"/> Oxycodone | <input type="checkbox"/> Methadone | <input type="checkbox"/> Pentazocine |
| <input type="checkbox"/> Codeine | <input type="checkbox"/> Oxymorphone | <input type="checkbox"/> Tramadol | <input type="checkbox"/> Tapentadol |
| <input type="checkbox"/> Hydromorphone | <input type="checkbox"/> Buprenorphine | <input type="checkbox"/> Meperidine (pethidine) | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Hydrocodone | <input type="checkbox"/> Fentanyl | <input type="checkbox"/> Butorphanol | _____ |

Opioid Related Adverse Drug Event Triggers					
Trigger Code	Clue/Symptom/Lab Test	Trigger Code	Clue/Symptom/Lab Test	Trigger Code	Clue/Symptom/Lab Test
OPD1	Itching/Diphenhydramine administered	OPD6	Hyperalgesia – Increased sensitivity to pain/ Extreme response to pain	OPD11	Depressed Respiratory Activity- Rate/ Minute Volume / Tidal Exchange / Rhythm
OPD2	Nausea/Vomiting/Anti-emetics administered	OPD7	Confusion / Depression		
OPD3	Constipation/Ileus	OPD8	Over-sedation/lethargy/hypotension	OPD12	Abrupt Cessation of Medication
OPD4	Sleepiness/Dizziness	OPD9	Fall	OPD13	Transfer to Higher Level of Care
OPD5	Rash	OPD10	Narcan administered	other	

Triggers Found (Code)	ADE Found?		Harm Category**	Description of ADE	Opioid Administered
	Yes	No			
Total ADEs for this patient:					
Total number of doses of medications for this patient (if available):					

**Harm Category (adapted from NCC MERP Index):

Category A-D: Did not cause harm

Category E: Temporary harm to the patient and required intervention

Category F: Temporary harm to the patient and required initial or prolonged hospitalization

Category G: Permanent patient harm

Category H: Intervention required to sustain life

Category I: Patient's death

References:

IHI Trigger Tool for Measuring ADEs (www.ihf.org)

NCC MERP Index for Categorizing Medication Errors (<https://www.nccmerp.org>)