

Adapted IHI Trigger Tool for Measuring Anticoagulant Related Adverse Drug Events

Anticoagulant - Patient Record Review Sheet

Patient Name / Identification #: _____ / _____ Patient's Age: _____

Admission Date: _____ Discharge Date: _____

Anticoagulant Administered:

- | | | | |
|-------------------------------------|--------------------------------------|-------------------------------------|--|
| <input type="checkbox"/> Warfarin | <input type="checkbox"/> Dabigatran | <input type="checkbox"/> Edoxaban | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Heparin | <input type="checkbox"/> Rivaroxaban | <input type="checkbox"/> Betrixaban | Not an exhaustive list. Work with Pharmacists to add all anticoagulants. |
| <input type="checkbox"/> Enoxaparin | <input type="checkbox"/> Apixaban | | |

Anticoagulant Related Adverse Drug Event (ADE) Triggers

Trigger Code	Clue/Symptom/Lab Test	Trigger Code	Clue/Symptom/Lab Test
AC1	Rash/Itching/Diphenhydramine Administered	AC9	INR > 6
AC2	Anaphylactic Reaction	AC10	Platelet Count <50,000
AC3	Nausea/Vomiting/Antiemetic Administered	AC11	Emergent Glucagon Administration
AC4	Hypotension	AC12	Abrupt Cessation of Medication
AC5	Dizziness	AC13	Fall
AC6	Lethargy	AC14	Heparin Induced Thrombocytopenia
AC7	Vitamin K Administered	AC15	Abrupt Cessation of Medication
AC8	PPT > 100 Seconds	AC16	Transfer to Higher Level of Care
Other	Not an exhaustive List. Add others and adjust table as needed.		

Triggers Found (Code)	ADE Found?		Harm Category**	Description of ADE	Anticoagulant 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.ihio.org) and NCC MERP Index for Categorizing Medication Errors (<https://www.nccmerp.org>)

The effectiveness of this tool is dependent upon a quality medication reconciliation being performed at admission.

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