

Objective Classes and Workflow Opportunities*

*This worksheet was adapted from a 2011 book published by the Healthcare Information and Management Systems Society (HIMSS) entitled "Improving Outcomes with Clinical Decision Support: An Implementer's Guide, Second Edition."

Goal: Improve VTE Prophylaxisⁱ

Objective (Why)	Content and Intervention Type (What/How)	Logistics: Person, Workflow Step, Channel (Who/When/Where)
VTE risk assessment	Answers to comprehensive prompts enable some fields within VTE risk calculator to auto populate.	Nursing admission assessment (A)
Appropriate VTE prophylaxis	Calculator displays appropriate therapy modalities based on individual patient risk.	Physician initial assessment (B)
Adherence to standards of care by making the right thing the easiest to do	VTE prophylaxis orders, reason not ordered embedded into admission order sets.	Physician admission orders HER
	Appropriate VTE prophylaxis measures embedded into VTE prophylaxis Short Set	Physician orders (D)
	Order or Smart Text: Reason VTE Prophylaxis not ordered	Physician orders , structured documentation (E, H)
Pharmacy and/ or Nursing Intervention(s)	Patient scoring tool displays patients without VTE prophylaxis	Pharmacy medication verification (B, F) Nursing medication administration (B, G)
	Patient List Column displays VTE Prophylaxis measures ordered	Pharmacy medication verification (B, F) Nursing medication administration (B, G)
	Calculator displays appropriate therapy modalities based on individual patient risk.	Pharmacy medication verification (B, F) Nursing medication administration (B, G)
Prevent errors of commission	Medication bar code system: right drug, patient, time / frequency, dose, route	Nursing medication administration (B, G)

Objective (Why)	Content and Intervention Type (What/How)	Logistics: Person, Workflow Step, Channel (Who/When/Where)
If VTE Prophylaxis not ordered or reason not documented within eighteen hours post admission		
Prevent errors of omission	Physician BPA appears – Order VTE prophylaxis / document why not ordered	Physician accesses orders activity, admission, rounding, transfer navigator (I)
	Nurse BPA appears – Contact attending physician regarding ordering VTE prophylaxis / documenting why not ordered Nurse documents notification in “Physician Notification Flowsheet row”	Nurse accesses orders activity, navigator or files flowsheet value (J)
	EHR Medication reconciliation; Home medications ordered to include VTE chemoprophylaxis if appropriate	Physician / Nurse discharge activity (L)
	Patient discharge instructions to include handouts generated from EHR	

ⁱ This worksheet was created based on the VTE Prophylaxis program at Texas Health Resources.