

Selecting Interventions 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."

Copy into the first column of this worksheet each objective for which you now will be developing CDS interventions. If you are addressing more than one high-level clinical goal, you can use one or more versions of this worksheet.

Use the second column to assign an objective class (see example below) to each clinical objective in the first column.

Document the refined list of targeted workflow steps in the fourth column and the CDS interventions (with the corresponding application following in parentheses) in the fifth column. The final list should reflect a balance between using multiple interventions to increase the likelihood of achieving an objective and not overloading the care delivery system or participants with excessive interventions.

In the sixth column, assign a name to each intervention that can be used as shorthand notation to identify it, for example in subsequent worksheets.

Clinical Objective	Objective Class	Desired Action	Workflow Step	Specific CDS Intervention (Application)	Intervention Name	Comments
1. Improve post-op heparin prophylaxis	Prevent errors of omission	Entry of physician order for SC heparin	Ordering	Order set (CPOE)	Heparin in post-op orders	
		Nursing check that the heparin has actually been given	Administration	Nursing documentation form (EMR)	Post-op heparin item on nursing documentation form	
2. Improve appropriate monitoring of PTT in patients on heparin	Prevent errors of omission	Entry of physician order for PTT	Ordering	Consequent order (CPOE)	PTT consequent order for heparin	

Clinical Objective	Objective Class	Desired Action	Workflow Step	Specific CDS Intervention (Application)	Intervention Name	Comments
3. Improve compliance with care guideline for enoxaparin	Improve compliance with simple care guidelines	Entry of enoxapar in order in DVT patients without PE	Ordering	Order set (CPOE)	DVT order set	
			Ordering	Reactive alert	enoxaparin alert	