

Health IT-enabled Quality Improvement [eCQI] Worksheet (Inpatient, Essential Version)

This tool can help users document and analyze current approaches to specific quality improvement targets and plan enhancements.

- It is one of the [ONC eCQI Resources](#) that provide guidance on [planning and implementing improved care processes](#).
- A [tutorial on using this worksheet can be found here](#).
- You should select quality improvement targets based on evidence, including quality measures results that show current performance gaps, and on practice guidelines recognized by relevant professional societies or expert advisory panels such as the [USPSTF](#). Your [REC](#), [QIN-QIO](#), or other QI partners can help you prioritize improvement targets relevant to your practice. Your REC or health IT vendor can help with implementing tools to support process changes identified by this worksheet.

Instructions for using this worksheet

Step 1: Document the improvement target and current performance (page 2).

Step 2: Think about pertinent information flows and workflows driving performance (page 2).

Step 3: After discussion with pertinent stakeholders, document current state information flows and workflows for the target (pages 4-6). Brainstorm potential enhancements to the current state with the QI team, and document these in the pertinent boxes beneath the current state.

Step 4: Review all entries (pages 4-6), and summarize them in the overview table (page 3).

Step 5: Use this completed worksheet with the QI team to help prioritize and implement high-yield enhancements to current workflows and information flows; consider beginning with those that will yield the greatest benefits with the least effort and resources (see ONC [eCQI Process Improvement page](#) for further details).

Worksheet Provided By:

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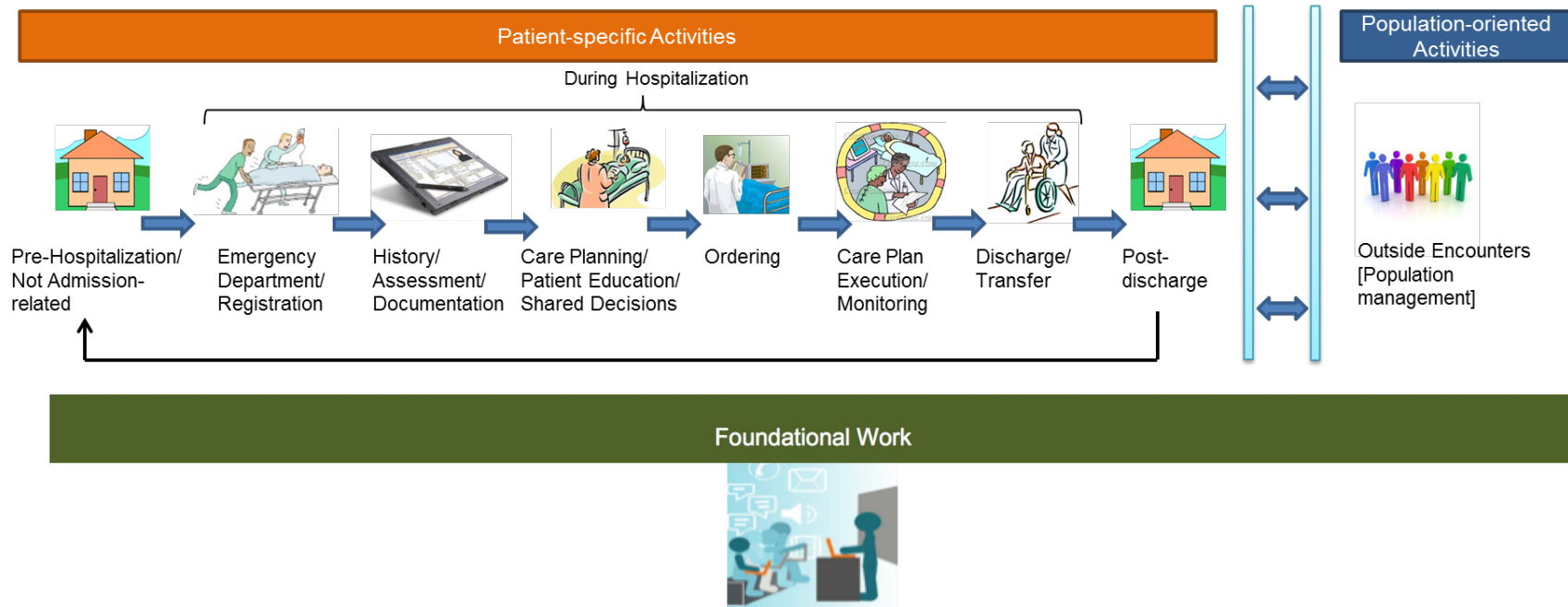
This tool has been refined based on experience using the eCQI worksheets in quality improvement (QI) projects. It builds on QI tools sponsored by the Office of the National Coordinator for Health IT (ONC). Those ONC tools were based on work of the [CDS/PI Collaborative](#) (supported by the [California Healthcare Foundation](#)), which builds, in turn, on the [HIMSS CDS Guidebook Series](#). The information in this document is not intended to serve as legal advice nor should it substitute for legal counsel. Users are encouraged to seek additional detailed technical guidance to supplement the information contained within.

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What Are We Trying To Improve? How Are We Doing Today?

Target	
Current Performance on Target	

Performance Drivers for this Target:



"Activities that are foundational to current patient-specific and population management activities and/or planned enhancements - e.g., staff training, policies and procedures, EHR tool development, etc."

eCQI Approach Summary¹


	Pre-Admission/ Not Admission-related	Emergency Department/ Registration	History/ Assessment/ Document-ation	Care Planning/ Patient Education/ Shared Decisions	Ordering	Care Plan Execution/ Monitoring	Discharge/ Transfer	Post-Discharge	Outside Encounters [Population management]	Foundational Work
Current Information flow										
Potential Enhancements										

¹This table contains an overview of details documented on subsequent pages in this worksheet


eCQI Approach Details²


Section 1: Activities that occur with specific patients (note: population management activities, e.g. Registry use, belong in Section 2)

These activities occur when the patient is not in the hospital (see below for post-discharge)





	Pre-Hospitalization/ Not Admission-related	Description: When patient is at home - either with or without a new hospitalization planned.
	Current Information flow	○
	Potential Enhancements	○

These activities occur in the hospital:


	Emergency Department/ Registration	Description: When patient is physically in Emergency Department and/or being registered for inpatient admission.
	Current Information flow	○
	Potential Enhancements	○

	History/ Assessment/ Documentation	Description: Clinician data gathering from and about patient, and formulating assessments and diagnoses based on this information.
	Current Information flow	○
	Potential Enhancements	○


² **Tip:** Imagine that you are a patient not meeting the target when you are populating the worksheet; i.e., consider what is and isn't happening that's causing the suboptimal result.

	Care Planning/ Patient Education/ Shared Decisions	Description: Reviewing assessment with patient/family and jointly forming care plans, including educating patient/family about diagnosis and treatment.
	Current Information flow	<input type="radio"/>
	Potential Enhancements	<input type="radio"/>
	Ordering	Description: Provider orders for tests, medications, procedures, etc.
	Current Information flow	<input type="radio"/>
	Potential Enhancements	<input type="radio"/>
	Care Plan Execution/ Monitoring	Description: Carrying out and monitoring the treatment plan including: pharmacy medication verification and dispensing and nursing administration; respiratory and other therapy administration and procedures; inpatient consultations; and monitoring patient status and test results.
	Current Information flow	<input type="radio"/>
	Potential Enhancements	<input type="radio"/>
	Discharge/ Transfer	Description: Discharging patient to home or transfer to another inpatient unit or facility.
	Current Information flow	<input type="radio"/>
	Potential Enhancements	<input type="radio"/>

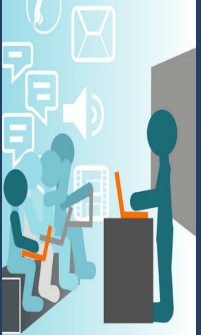
These activities occur after a patient leaves the hospital:

	Post-Discharge	Description: Patient and hospital activities that occur after hospital discharge.
	Current Information flow	○
	Potential Enhancements	○

Section 2: Activities that relate to population management

	Outside Encounters	Description: Hospital activities directed broadly across patient populations outside of individual hospitalizations.
	Current Information flow	○
	Potential Enhancements	○

Section 3: Foundational Activities for Hospital to Address Target

	Foundational Work	Description: Practice activities that are foundational for planned enhancements e.g. staff training, policy and protocol development, refining EHR and other practice tools, etc.
	Current Activities	○
	Potential Enhancements	○