



Hand Hygiene Quality Improvement Project Worksheet

Complete the worksheet below by following each day’s instructions and entering information where requested (in red). This project is intended to be completed as instructed.

Total Project Time	Approximate preparation and implementation time	Approximate reflection time	Materials Provided	Materials/Supplies Needed:
4 weeks	Track the time it takes to prepare and implement the change (tasks from days 1-8) and enter the time here. [Enter X Hours]	Track the time it takes to reflect on this project (last task) and enter the time here. [Enter X Hours]	- Survey - Hand hygiene visual aid	- Printer - Paper - Collection Box for Patient Surveys - Antibacterial hand soap - Disposable towels - 75% alcohol-based hand sanitizer

Week 1

Day 1: Identify and Assemble Personnel to be Involved (Includes but not limited to: Athletic Trainers, Athletic Training Students, Physicians, Administration, Independent Reviewers/Surveyors, Patients)

[Enter personnel here]

Day 2: Review the Project Rationale/Overview and Resources with Involved Personnel

Hand hygiene is an important practice to reduce the spread of infection. Evidenced initiatives by Centers for Disease Control and Prevention (CDC) and World Health Organization (WHO) aim to improve hand hygiene compliance; this seemingly elementary task does not occur properly in many healthcare or community associated settings. Proper hand hygiene by healthcare providers will lead to decreased infections in patients.

Resources:

- Gould, DJ; Moralejo D, Drey N Chudleigh JH, Taljaard M Cochrane Database of Systematic Reviews 2017. [Interventions to improve hand hygiene compliance in patient care](#) (Review) 2017.
- [World Health Organization Guidelines on Hand Hygiene in Health Care, 2009](#)
- CDC. [Antimicrobial spectrum and characteristics of hand-hygiene antiseptic agents](#). MMWR Morb Mortal Wkly Rep. 2002;51(RR16):45.
- CDC. [Guideline for Hand Hygiene in Health-Care Settings](#). MMWR Morb Mortal Wkly Rep. 2002;51(RR16):1-44.

Day 2: Print Survey and Assess Pre-Intervention Performance

A one question standardized patient survey is to be used to measure healthcare provider hand hygiene practices during a patient visit.

Survey Question:

Did the healthcare provider wash their hands or use hand sanitizer prior to your evaluation? Yes / No

Day 2-7: Collect Pre-Intervention Data

Use the one question survey to collect pre-intervention data on hand hygiene to establish a baseline. Providers should encourage patients to complete the one question survey. At the end of day 7, enter the data collected below.

Yes	[enter # here] %	No	[enter # here] %
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Week 2

Day 8: Set Your Goal

[enter number here] % of health care providers who washed their hands

Compliance with the best practice hand hygiene guidelines outlined on posted visual aids among healthcare team members by the end of this 4 week project.

Day 8: Implement Intervention/Improvement Strategy

A visual aid showing best practice guidelines in hand hygiene will be posted at all hand hygiene stations (visual aid is attached).

- Provide antibacterial hand soap, disposable towels and hand sanitizer at all hand hygiene stations.
- Post hand hygiene visual aids at all hand hygiene stations.
- Explain expectations to the healthcare provider being assessed.

Day 8: Print Mechanism to Assess Pre-Intervention Performance

A one question standardized patient survey is to be used to measure healthcare provider hand hygiene practices during a patient visit.

Survey Question:

Did the healthcare provider wash their hands or use hand sanitizer prior to your evaluation?

Weeks 2-4

Day 8-28 Collect Post-Intervention Data

Use the one question survey to collect post-intervention data on hand hygiene. Providers should encourage patients to complete the one question survey. At the end of day 7, enter the data collected below. At the end of week 4, enter the data collected below.

Yes	[enter # here] %	No	[enter # here] %
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End of Week 4

Day 28: Reflect and Summarize the Intervention Impact

The summary is to include answers to the following questions, as well as an outline of resources used (e.g., handouts, presentation slide deck, survey.)

1. Did you achieve the desired change of practice, was your improvement goal met?
2. How did this impact/change practice?
3. What were the primary successes of the QI project?
4. What were the unexpected obstacles or barriers you identified?
5. Identify how you and/or others will use the results of the QI project in the future?
6. What were the unintended consequences (positive and negative) of the QI project?
7. If the desired outcome wasn't achieved, what are your next steps?

[Enter summary here - include answers to all 7 questions above in your summary]

PREVIEW ONLY