



CPD ECOACH

SAMPLE RESPONSE 1 - VACCINATIONS

STEP 1: DEFINE YOUR TOPIC

1.1 Think back to what inspired you to change and improve your practice. Briefly summarize the encounter or situation. Consider the following questions as you reflect:

- What about the situation made you feel challenged or uncomfortable?
- What specifically piqued your interest?

A patient came in to have stitches out, having cut himself on a sharp stick when he was gardening. He had gone into EDR, been assessed and after the wound was cleaned and sutured, was asked about when he had his last tetanus shot. He couldn't remember; he thought that it was at least 10 years, and so was given a Tetanus shot in his left deltoid. This was recorded on the EDR report.

He asked if I had record of when his last tetanus shot was, and I had no record of this. I documented that he received his shot but wondered how many of my patients I knew their tetanus vaccination status.

1.2 What area(s) of your practice would you like to focus on?

Vaccinations

1.3 What specifically would you like to improve in your practice? Define your improvement goal(s). It should be specific, measureable, achievable, realistic, and time-bound (SMART).

By the end of the next month I will have increased documentation of tetanus status of my patients and increase the number of people in my practice whose tetanus vaccination status is up to date in the last 10 years.

Time spent completing Step 1 (in hours): 0.25

STEP 2: SELF-DIRECTED ASSESSMENT: MEASUREMENT

STEP 2A: CREATING A MEASUREMENT STRATEGY

2A.1 List one or more measures you can use to assess your progress towards your improvement goal(s).

Patients with documented tetanus shots in the last 10 years

2A.2 After considering the different types of information sources, you may need to refine the measures you listed previously. Did you refine your list of things to measure?

No

**2A.3** If yes, what are your new measures?

n/a

2A.4 How will you collect the information for your measures?

- If you are using an EMR, what queries will you run?
- If you are using other existing information sources, what are they?
- If you are creating your own information source, describe your collection process

I am going to use my EMR.

- Find list of active patients over the age of 25 (making the assumption that 15-year-olds will have received Tetanus booster at school) with me as primary provider who have had a tetanus shot in the last 10 years documented in my EMR.
- Find list of active patients over age of 25 with me as primary provider.

First measure is the numerator and second number is the denominator.

2A.5 What do you predict your practice baseline will be?

I predict that I will have less than 10% of my patients with a documented tetanus status within the last 10 years.

STEP 2B: GATHERING THE INFORMATION**2B.1** Was your baseline what you expected? If not, does it change your improvement plan?

I ran two reports and found that only 3% of my patients had a documented tetanus status within the last 10 years. This was less than I expected.

Time spent completing Step 2 (in hours): 2

STEP 3: CREATE AN IMPROVEMENT PLAN**3.1** Based on your comparisons with clinical guidelines, what values for your measures will indicate success? How will you know when you have achieved your improvement goal(s)?

I would like to increase the number of people in my practice whose tetanus vaccination status is up to date in the last 10 years.

By the end of the following month, I will have improved tetanus status documentation in my patient panel.



3.2 Generate your improvement plan.

Action Plan

What needs to be done? Break down your goal(s) into a series of smaller action steps so it doesn't seem too overwhelming or difficult to achieve. This allows you to create milestones and generate a logical pathway for achieving your improvement goal(s).

Action Steps	Deadline	Resources/ Supports	Potential Challenges	Results
Set up a reminder to check with patients when they had their last tetanus vaccination. I will do this in my EMR for all patients who are not current with their tetanus vaccination status	1 day (March 7, 2017)	EMR User group support	Can't be done in my EMR	Reminder works as flag with any patient for whom tetanus vaccination status not current in last 10 years
Develop workflow process to have tetanus vaccinations available to administer at a patient visit	1 week (March 13, 2017)	MOA Office Manger Public Health	Fridge must be right temperature for vaccine storage	Efficient workflow process in place to get Td vaccine and administer it opportunistically to patients
Schedule report to track the percent of people for whom I have information on their current tetanus vaccinations – generate monthly report	1 day (March 7, 2017)	EMR User group support EMR vendor help desk	Report can't be scheduled to run on desired frequency. Forget to run report	Report that shows the change in percentage over time of patients with Td vaccination documented in last 10 years

3.3 Which CanMEDS-FM roles do your goals fit under?

	CanMEDS Role	Description
X	Collaborator	Works with patients, families, healthcare teams, other health professionals, and communities to achieve optimal patient care.
X	Communicator	Facilitates the doctor-patient relationship and the dynamic exchanges that occur before, during, and after the medical encounter.
	Family Medicine Expert	Provides comprehensive, continuing care to patients and their families within a relationship of trust.



X	Health Advocate	<i>Responsibly uses expertise and influence to advance the health and well-being of individual patients, communities, and populations.</i>
X	Professional	<i>Committed to the health and well-being of individuals and society through ethical practice, profession-led regulation, and high personal standards of behaviour.</i>
	Scholar	<i>Demonstrates a lifelong commitment to reflective learning, as well as the creation, dissemination, application and translation of knowledge.</i>
	Leader/Manager	<i>Uses resources wisely and organizes practices which are a resource to their patient population to sustain and improve health, coordinating care within the other members of the health care system.</i>

3.4 How confident do you feel about following through on your plan (on a scale from 0 to 10 with 10 being very confident)?

9

3.5 If you answered **less than 7**, what might you change in your plan to increase your confidence?

n/a

Time spent completing Step 3 (in hours): 1

STEP 4: EVALUATE THE IMPLEMENTATION

4.1 Did you observe any changes in your measures?

Yes

4.1(1) Describe the changes.

I increased the percentage of patients who had a documented current tetanus vaccination within the last 10 years from 3% to 15%. I expect to continue seeing this increase over time.

4.1(2) What are some reasons why there was no change? Do you need to reconsider your improvement plan. If so, how?

n/a

4.2 Did you encounter unanticipated challenges or barriers while implementing your improvement plan?

Yes

**4.2(1)** If yes, what were the challenges and how did you manage them?

It takes a little more time to ask the question about immunization, record the answer and/or document the vaccination and to administer the vaccination. Sometimes, I didn't have the time to do all that. Sometimes, I forgot to ask about their Td vaccination status.

I created a Td vaccination button in the default SOAP note to more quickly access the Td vaccination template. My MOA drew up five Td vaccinations in syringes at the beginning of each work day and kept them ready in the fridge.

4.3 Has there been a change in your comfort level/confidence in managing the situation/encounter?

Yes

4.4 Describe any steps you can take to increase your comfort level/confidence.

No, but I will continue doing this and will consider adding Pneumovax to the process for eligible patients.

4.5 How will you use the results of your improvement plan to inform your practice in the future? Describe your next steps.

I will continue doing this and will consider adding Pneumovax to the process for eligible patients. I will also think about what other routine vaccines I can improve my tracking of.

Time spent completing Step 4 (in hours): 1

Total time spent on Steps 1 to 4 (in hours): 4.25

Mainpro+ credits earned: 12.75