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myPI Summary Report

Step One: Finding an actionable opportunity

This report contains the answers you submitted during Step One of your activity (Provincial Bronchiolitis QI Project) on the my Practice Improvement environment.

Date

10/17/2022

1. How do you approach this assessment activity?

I participated in, or am participating in, a QI project

Please specify the QI project

Provincial Bronchiolitis QI Project

3. Compared with peers and colleagues across Alberta (or within your practice group or compared to national standards), what is the specific aspect of your/your group clinical practice you would like to assess?

I reviewed my or my site ordering of low-value tests or procedures in patients diagnosed with bronchiolitis and reviewed appropriateness criteria of management in literature and compared to other sites in Alberta.

4. What performance measures will you use or are you using in this project?

% of bronchiolitis patients ordered a chest x-ray
% of bronchiolitis patients ordered a respiratory viral panel test
% of bronchiolitis patients that are prescribed a steroid
% of bronchiolitis patients that are prescribed a bronchodilator
% of bronchiolitis patients that had an ED revisit within 72 hour or less



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5. According to the data available to you through the QI project you are participating in, how is your/ your groups performance summarized and compared?

I found my site had a lower/average/higher proportion of my patients with a chest x-ray ordered compared to a similar site in Alberta.

I found that the majority of my patients at my site did not receive a respiratory viral panel test.

I also found my site had a average proportion steroid prescriptions compared to a similar site in Alberta.

I also found my site had a higher proportion prescribed a bronchodilator compared to a similar site in Alberta.

I found that my site had a higher proportion of ED revisits within 72 hours of discharge compared to a similar site in Alberta

6. How did you review and reflect on your/your group data?

- I discussed with my team/a colleague/a peer coach/the improvement facilitator
- I reflected on the data by myself

7. The more certain we are in the evidence for a clinical decision, the more likely we will incorporate a change into our practice. During the review and reflection on the data, what additional sources did you access to appraise the best available evidence? [Check all that apply]

- Current/Recent released practice guidelines

8. After reviewing and reflecting on the data, you might think of or brainstorm with others some ideas, such as: "now I understand ...", "it seems I need to ...", 'there are some possible ideas for improvement ...' . With all these ideas, it's a matter of prioritizing them.

I now understand the provincial guidelines for bronchiolitis management – oxygen and hydration.
I will not use bronchodilators in babies of less than 6 months of age with bronchiolitis



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Step Two: An action plan

This report contains the answers you submitted during Step Two of your activity (Provincial Bronchiolitis QI Project) on the my Practice Improvement environment.

1. According to the prioritized change to make, what is your achievable goal?

I will not use bronchodilators in babies of less of 6 months of age with bronchiolitis
 Use the bronchiolitis order set every time for my patients, and encourage my trainees to do the same

2. Think about the people that will need to be involved in this action...

Respiratory therapists, nurses, allied health teams

 Patients/families – provide information on bronchiolitis care

3. Think about the resources to be involved in this action...

What resources will you need?

Control charts for data prior to ConnectCare implementation to observe changes over time

After ConnectCare implementation, access to dashboard on bronchodilators use

Is there any learning you may need to undertake?

Review of provincial guidelines, order set.

4. It is also important to identify potential obstacles to prepare some backup plans.

What could get in the way of achieving the goal?	How would you overcome the challenge?
ConnectCare implementation and learning new system of order entry	Make sure I understand how to use the order set effectively in ConnectCare, so I don't lapse in my progress.



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5. What are your timelines?

When will you begin?

I hope to begin next bronchiolitis season

When do you hope to see results?

See results halfway through the season (~3 months after the start of the season)

6. Ensure your plan is on track by measuring progress and success.

How to measure Progress?	How will you determine success? Or, what would tell you that you have achieved your goal?
Review care at the end of each shift	Use the order set more frequently
Dashboards will provide monthly updates on my unit's bronchodilator use.	I will track if there is a continual decrease over time



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Step Three: Accomplishment

This report contains the answers you submitted during Step Three of your activity (Provincial Bronchiolitis QI Project) on the my Practice Improvement environment.

1. How did you review and reflect on the measurement of progress and success?

- I discussed with my team / a colleague / a peer coach / the improvement facilitator
- I reflected on the measurement by myself

2. Recall the previous review and reflection on your data report, did you notice the change in your practice?

I have more frequently used the order set, and have found it useful to remind me of appropriate care. I have also been more mindful of not ordering bronchodilators in babies, and have seen a reduction in my order rate.

3. Let's revisit the strategies you identified in Step Two about getting people and resources involved, and overcoming barriers... What worked? What did not work?

Order sets in ConnectCare were very helpful – added prompts to be mindful of ordering tests were beneficial. Time is always a limiting factor to fully review bronchiolitis cases individually and with peers.

4. To be sustainable is crucial once a practice improvement goal is achieved. If you have made some change since this MyPI activity, do you think the newly established pattern in your practice is sustainable? Is there any area would you struggle to be consistent? What strategies could you implement to address it?

I think the change in my practice is sustainable. I am hoping the involvement and efforts of our unit in QI could be continuously supported by the senior leadership.