#### Lehigh Valley Health Network LVHN Scholarly Works

**Research Scholars Poster Presentation** 

#### Integrated Training for Improved Nursing Outcomes

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## **INTEGRATED TRAINING FOR IMPROVED NURSING OUTCOMES**

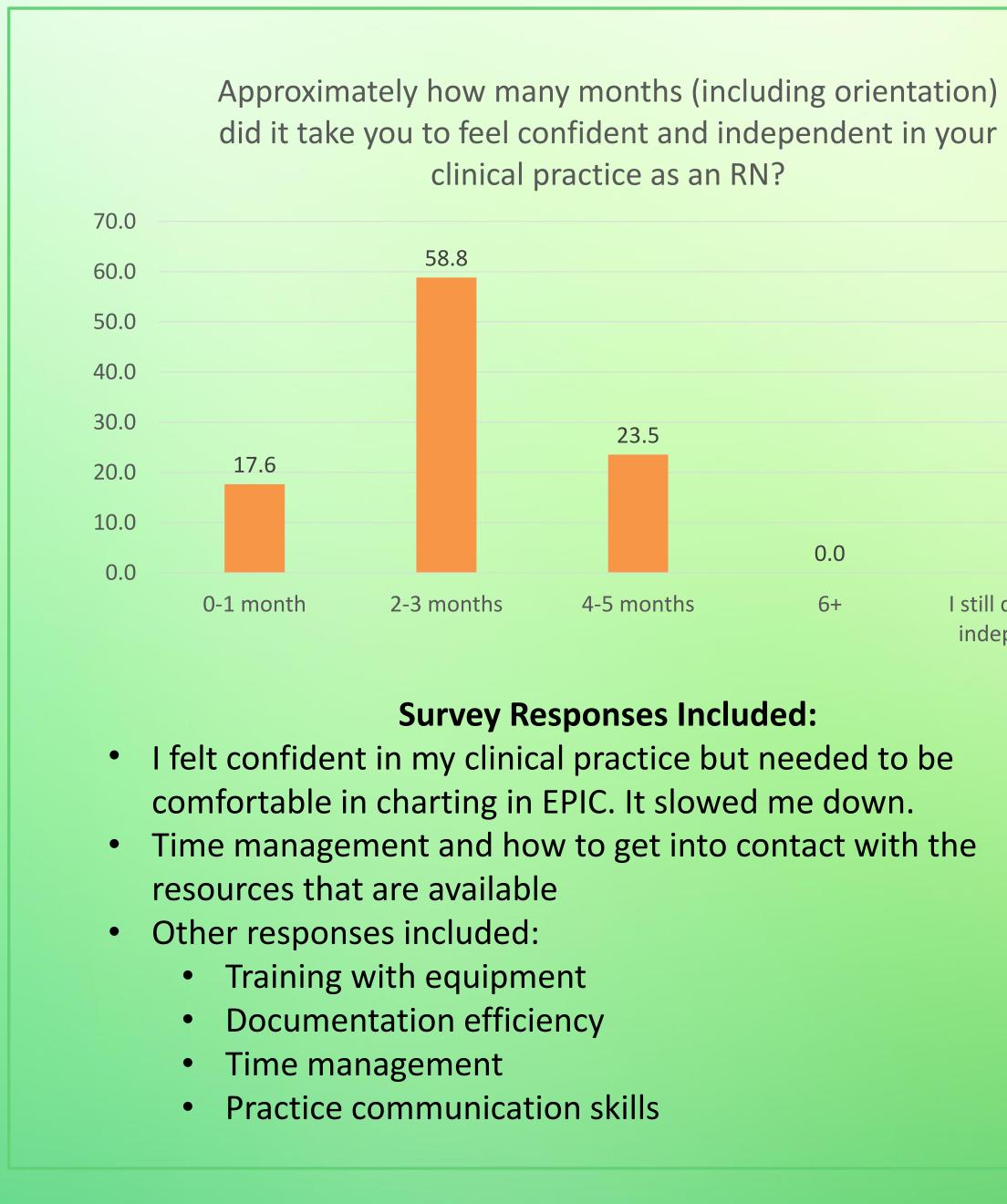
### **INTRODUCTION/PURPOSE**

To identify gaps in the Epic education for clinical users, while evaluating the current classes in order to compare and contrast to current workflow.



## BACKGROUND

- Epic is an electronic medical record that has been mandated for all employees since 2015.
- Newly hired nurse knowledge retention rates after orientation were very low.
- After seeing that the process was not successful, Epic educators and Professional Development (PD) made the decision to change the curriculum from Power Point lectures to more hands-on learning.



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## **METHODOLOGY**

- Two surveys created using Qualtrics
- Surveys measure the confidence and comfort levels of the new in-
- coming hire.
- New hires ranged in age, experience and in previous Epic training.
- Small multiples were used to break down the data collected.
- The survey contained 10 questions related to confidence and 10 questions about comfort.
- Small multiples are used again to separate the questions into  $\bullet$ years of nursing experience and previous Epic training.
- This method was used on the July 18 hire, which included the largest number of nurses at 56.



## RESULTS

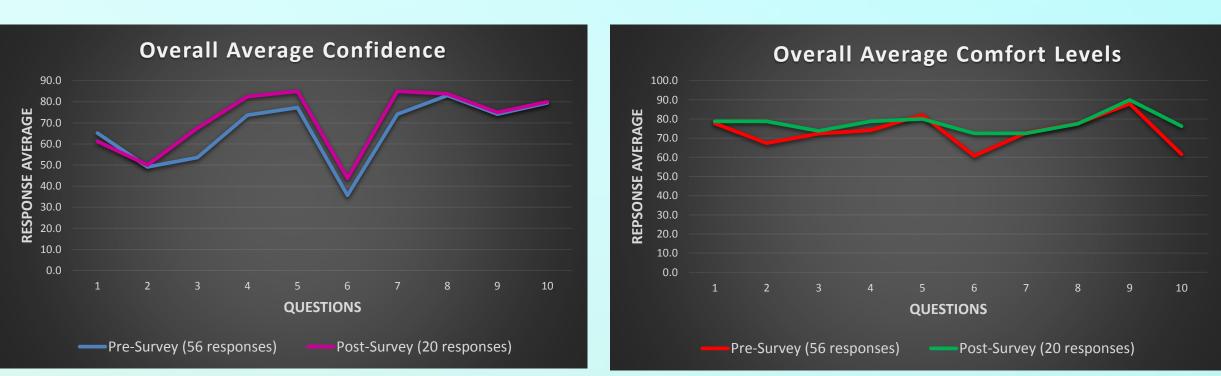
- Students with previous epic training tended to have no change in their levels of confidence and comfort.
- Those without Epic training had almost all positive changes with a few outliers, citing no change.
- Nursing experience showed that new nurses grew in their confidence and comfort levels more than experienced nurses.
- Almost all experienced nurses had shown no change in their confidence, but a small change in their comfort levels.



0.0 I still don't feel independent

Author: Kori Hadinger

After collecting all data, I was able to measure the overall effectiveness of the new training by graphing the averages. Although there is a limitation in my conclusion, as the post-survey had a smaller sample size of 20 people, I was still able to prove that the nurses showed a positive change from the beginning of their training to the end.



To go further in proving that this training is more effective, I used the same graphing method with the nurses experience. These graphs also show that both experienced and new nurses had a positive change in confidence and comfort.



E. Podlasinski, personal communication, June 12, 2018 to July 28, 2018.

E.Bruovsky, personal communication, June 12, 2018 to July 28, 2018.

R. Kittredge, personal communication, June 18, 2018 to July 25 2018.

Wanamaker, J. (2014, July, 25). Utilizing the Master Training Schedule Tool-Benefits and Limitations. Poster present at LVHN Research Scholar Program Poster Session, Lehigh Valley Health Network, Allentown, PA. https://intranet.lvh.com/researchscholarsposters/354/,DanaInfo=scholarlyworks.lvhn.org,SSL+

Qualtrics (2005). Qualtrics Surveys. Provo, Utah, USA. https://www.qualtrics.com



#### CONCLUSION

#### RESOURCES

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