Lehigh Valley Health Network

LVHN Scholarly Works

Research Scholars

How To Achieve Value-Based Care Through Decision Support

Jacob Cierech

Maulik P Purohit MD, MPH

Follow this and additional works at: https://scholarlyworks.lvhn.org/research-scholars



Part of the Medicine and Health Sciences Commons

This Poster is brought to you for free and open access by LVHN Scholarly Works. It has been accepted for inclusion in LVHN Scholarly Works by an authorized administrator. For more information, please contact LibraryServices@lvhn.org.



How To Achieve Value-Based Care Through Decision Support

Jacob Cierech, Maulik P. Purohit, MD, MPH

Introduction & Objectives

- How to implement digital tools to support value- based care
- Illumicare is a non-intrusive Smart Ribbon embedded in Epic
- Nudge Theory Real-time advice for Physician
- Customizable Smart Ribbon can display
 - Care Gaps
 - Stewardship info, etc...



Methods

Governance
Discussions prior
to Summer. Cost
Discussions,
Launch Planning.

 Value Based care benefits the hospital and the patient. Prior to the Launch meeting on June 28th 2023, discussions between LVHN representatives and the Illumicare team based in Alabama consisted of cost planning and how to install Illumicare into LVHN

EMR system Research and the Pros and Research into how Value Based Care is achieved.

Weekly Meetings Discussing Illumicare Implementation Into LVHN

of use and patient transparency, but also can offer some time efficiency issues. Illumicare is used to speed up visits and allow the Physician. To see more patients.

· Electronic Medical Records allow ease

 The Illumicare Team Featuring Co-founder Mukul Mehra, MD were held Discussing the best way to implement the Smart Ribbon Into LVHN. Lehigh Valley Health Network, Allentown, Pennsylvania

Results

- Illumicare is an overlay in Epic designed to share care gaps with the physician.
 - A care gap is a discrepancy between what is prescribed versus what is deemed to be the most efficient practice.
- 20+ apps in the Smart Ribbon allow for more effective and cost- efficient care.
 - Stewardship App highlights the value-based care aspect by providing the less expensive options to the place of care when treating the patient.
 - The observation App will give you nudges on things that may have slipped your mind as a provider or a general warning.
- The Ribbon also will display Illuminations. The Illuminations will display a small title showing you that for example, medicine B is cheaper than medicine A and does the same thing.
- Will Compare physicians on cost data, as each physician and each department of practice will handle care differently.



Figure 1: Illumicare Smart Ribbon

Conclusions

- Illumicare allows for quality of care and cost efficiency to positively correlate in the workplace.
- Software will be launched for testing and should be in use by the end of this year.
- The future data will see how effective the software is at maximizing quality and minimizing time of care.

Future Directions

- Illumicare will be launched at different LVHN healthcare facilities, where cost data, and user feedback will be tracked
- Illumicare has the ability to save LVHN millions through advising cost-based decisions by the physicians.

References

Teisberg, E., Wallace, S., & O'Hara, S. (2020, May). *Defining and implementing value-based health care: A strategic framework*. Academic medicine: journal of the Association of American Medical Colleges.



