A Needs Assessment of Telemedicine Implementation in Skilled Nursing Facilities

Benjamin Antill
Robert Kruklitis MD
Mindy Brosious BSN, RN

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

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.
A Needs Assessment of Telemedicine Implementation in Skilled Nursing Facilities

Benjamin Antill, Dr. Robert Kruklitis MD PhD , Mindy Brosious BSN RN
Lehigh Valley Health Network, Allentown, Pennsylvania

INTRODUCTION

- COVID-19 Pandemic caused lockdowns in Skilled Nursing Facilities (SNFs) worldwide, resulting in a new dependence on virtual care and telemedicine
- iPads and telemedicine devices placed in nursing homes with limited current use in Skilled Nursing Facilities
- Barriers include nursing staff workload change, trouble adapting patients to technology and billing
- LVHN named Regional Response Health Collaboration Program Leader in SNFs- increase in telemedicine

CURRENT PROBLEM

What steps should be taken to increase telemedicine use in Skilled Nursing Facilities?

SURVEY & METHODS

- A brief needs assessment survey was created and distributed to 13 SNFs utilizing REDCap™
- Designed for Nursing Directors and Administrators and included statements where the participants ranked to what level they agreed regarding telemedicine usage
- The survey included questions about basic attitudes towards telemedicine and its potential to reduce transports, costs and hospitalizations through its utilization

RESULTS & OUTCOMES

Top Care Providers Requested by SNFs
Primary Care- 100% of Participants
Cardiology- 100% of Participants
Orthopedics- 89% of Participants (Fig 1)

All Participants Stated That Nurses will be the Primary Staff to Implement Telemedicine, and 33% Selected Nurses Aides as well (Fig 2)

The Majority of Participants Strongly Agree that Regular Access to Telemedicine Will Reduce Hospitalizations, and 100% Agree to at Least Some Extent (Fig 2)

VALIDATION

Would your facility benefit from regular virtual access to specialists? • Yes • No

To what degree do you agree with the following statement?
"Hospitalizations could be avoided by using virtual evaluations while the patient is still present in your facility"

To a great extent • Somewhat • Very Little • Not at all

NEXT STEPS

Implement Primary Care, Cardiology and Orthopedics now
Create Pre-Visit Checklists for Nurses in SNFs
Increase Telemedicine Support Between 7AM-5PM
Implement Psychiatry, Urology and Neurology in Phase II

- Skilled Nursing Facilities show positive attitudes towards telemedicine and its potential benefits
- Next steps are directly based on survey data to best meet needs and demand for care
- Targeted approach for Connected Care & Innovation to increase implementation in SNFs
- Limitations: Eight out of Thirteen SNFs responded

REFERENCES & ACKNOWLEDGEMENTS

We would like to thank the Lehigh Valley Health Network for allowing the Research Scholar program, Dr. Samantha Shaak for survey help, and Nate Boateng for help in using REDCap

© 2017 Lehigh Valley Health Network

610-402-CARE LVHN.org