

Provider Support of Parental Nutrition Management by Registered Dietitians

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INTRODUCTION & OBJECTIVES

- The lack of nutritional background among practitioners creates a disparity between a patient and their nutritional care leading to multiple comorbidities.²
 - Typically, a practitioner receives with the equivalent of 1 nutrition class during their medical training.¹
- Parental nutrition (PN) is an intravenous therapy that is made up of different nutritional products for those whose gastrointestinal tract cannot be used.³
- If Registered Dietitians, (RD) were given the ability to order PN for patients, individuals would receive optimal nutrition support and quality care by meeting estimated nutritional needs.

METHODS

Data Collection

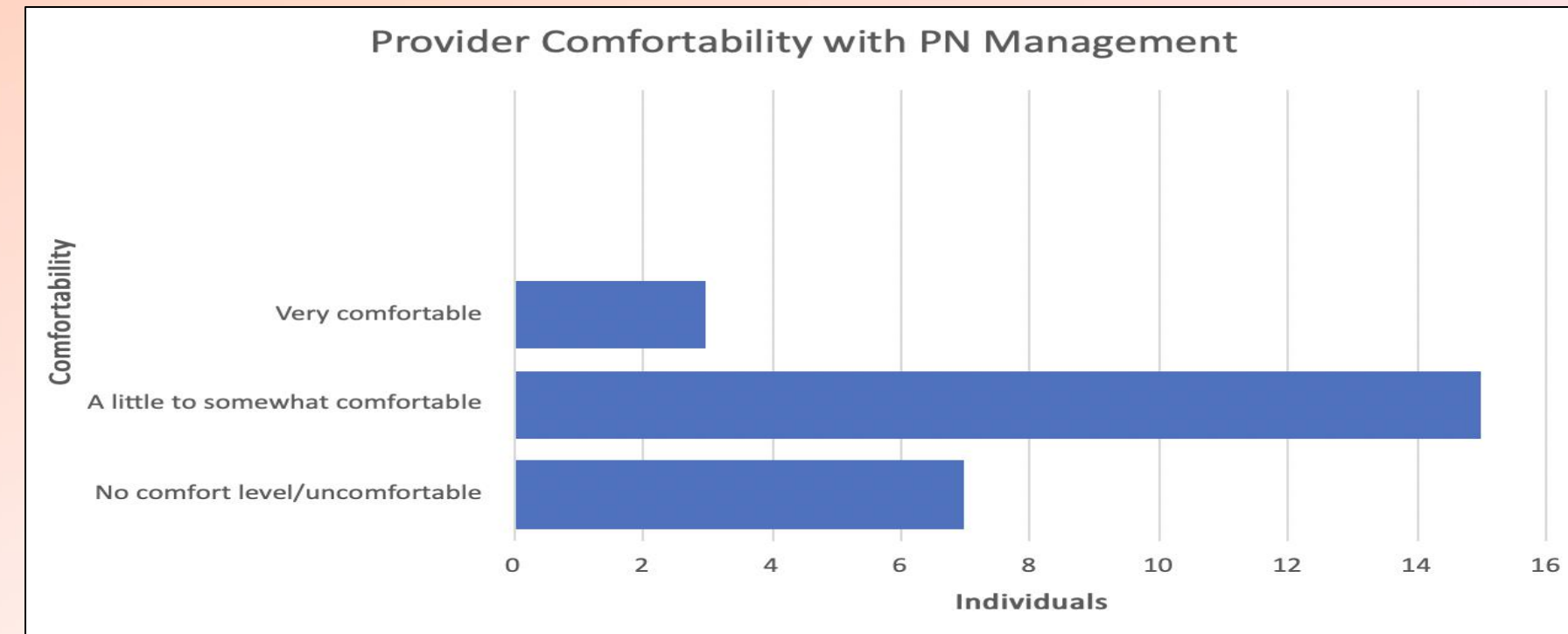
- A survey was sent out through RedCap to approximately 50 nurse practitioners, MDs, and PA-C within Lehigh Valley Health Network (LVHN), excluding Pocono, Schuylkill and Hazelton.

Survey Question

- On average, how much time do you spend per day responding to calls, reviewing, and ordering parenteral nutrition (PN) orders?
- What is your current comfort level with PN management?
- Do you believe it would be beneficial if registered dietitians (RD) could independently order parenteral nutrition?

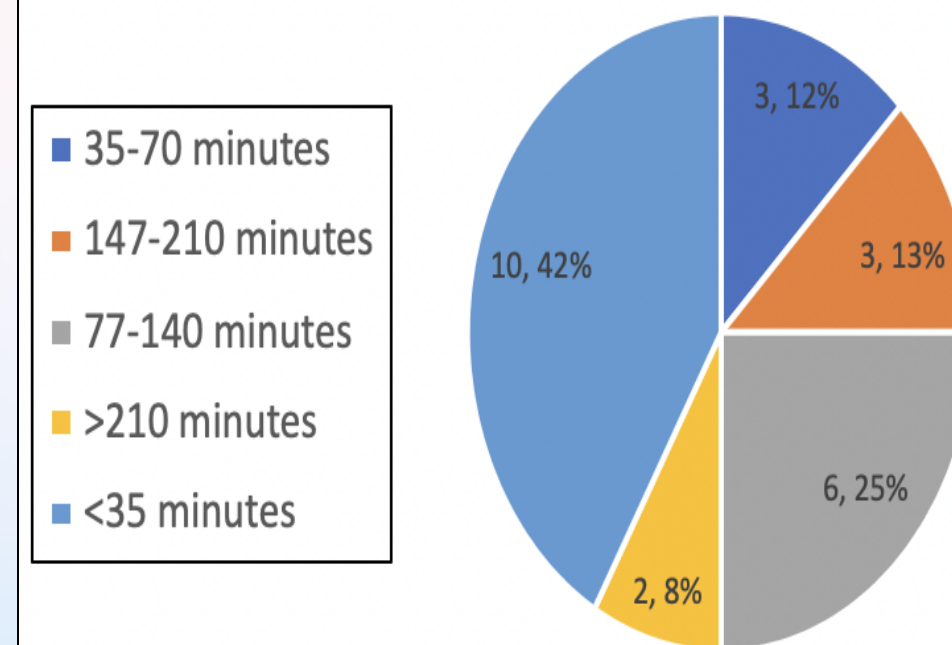
RESULTS

Lehigh Valley Health Network, Allentown, Pennsylvania



Provider comfortability with PN management: 26% reported no comfort level, 63% were little to somewhat comfortable, and 11% were very comfortable.

Percentage of Minutes Spent a Week on PN Orders



Among the 25 that responded: 42% took less than 35 minutes for PN management, 25% took 1.28 to 2.33 hours, 13% took 2.33 to 3.5 hours, 12% took 1.75 to 3.5 hours, and 8% took over 3.5 hours.

100% of the practitioners reported it would be beneficial for RDs to independently order parenteral nutrition.

CONCLUSION

- Practitioners could recoup greater than 35 minutes of patient care time if RDs could independently order PN
- Due to the limited comfortability of practitioners and agreement of the benefit of RDs independently ordering PN, PN order writing by RDs should be considered as a valuable initiative for implementation at LVHN

FUTURE DIRECTIONS

- Re-evaluate data in 3 months by surveying practitioners post PN order writing by RDs
 - Compare recouped patient care time by providers
 - Obtain practitioner feedback on PNs ordering by RDs
- Seek to expand PN order writing by RDs to all sites within LVHN

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