

Exploring Person- and Family-Centered Stroke Care amid the COVID-19

Pandemic

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Background

- Stroke is a leading cause of disability in Canada (1)
- People with stroke (PWS) who have COVID-19 experience worse outcomes, further complicating their recovery and caregiving needs (2)
- The Canadian Stroke Best Practice Recommendations emphasize supporting PWS and caregivers through transitions (See Figure 1) (3,4)
- Healthcare models emphasize person-centered care. Person- and family-centered care (PFCC) is a model that aims to meet the needs of PWS and their caregiver (5)
- To date, there are no models of PFCC that cross the care continuum for the stroke population and no models have considered the needs of PWS who have had COVID-19

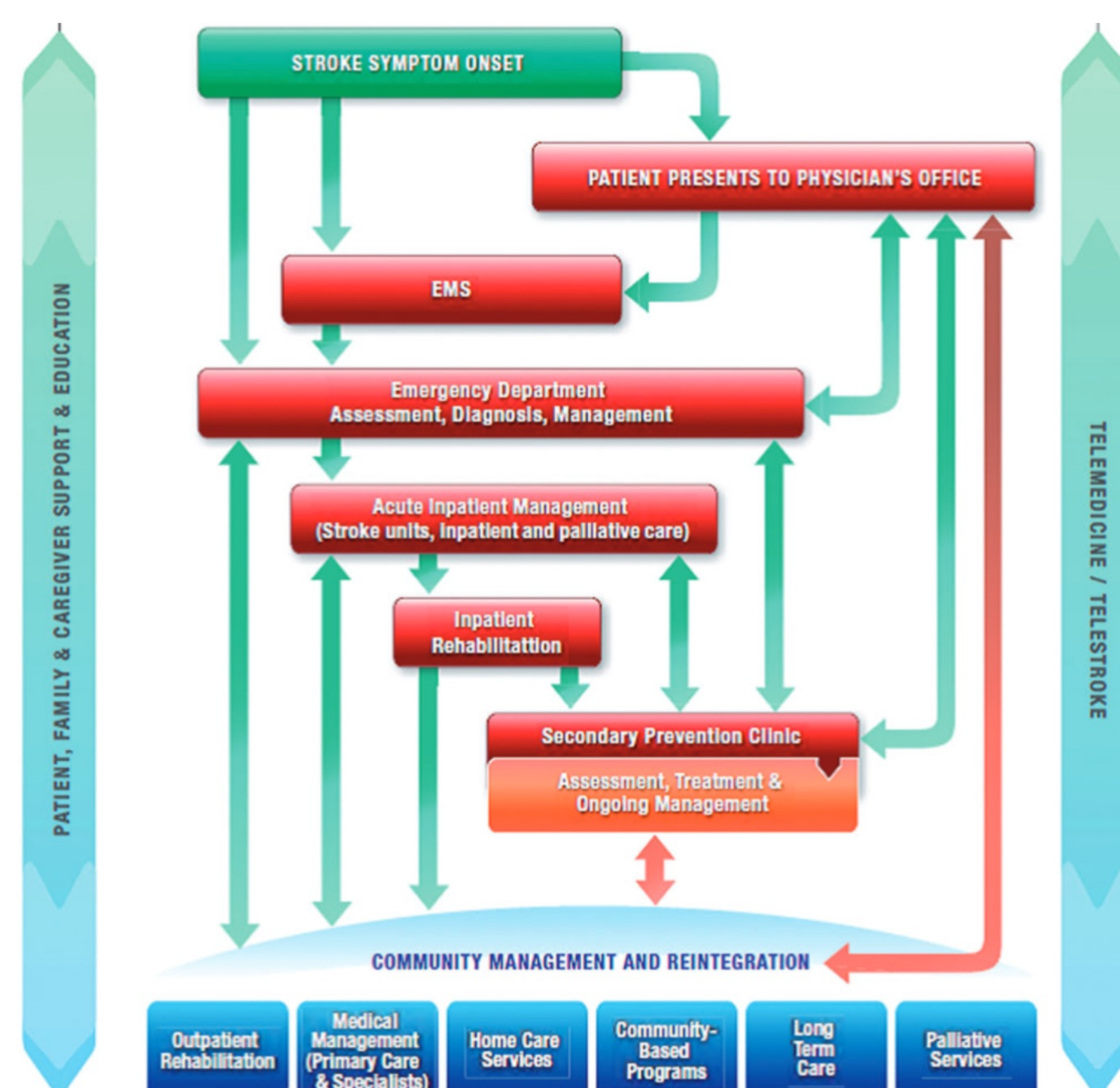


Figure 1. Outlines the common points of transitions for stroke patients (3).

Objectives

The aim is to understand the perspectives and preferences of PWS and caregivers for PFCC across the care continuum within the context of COVID-19.

Methods



Design Qualitative descriptive methods will be used to elicit the perspectives and preferences of PWS and caregivers for PFCC across the care continuum (6).



Participants 20 caregivers and 20 PWS (10 who had COVID-19 and 10 who have not) will be recruited.



Data Collection In-depth interviews will explore context- and COVID-specific considerations of PWS and caregivers for PFCC. Interviews will focus on areas such as consideration of family contexts, illness-specific education, and dedicated policies and procedures.



Data Analysis Data will be analyzed using reflexive thematic analysis (7).

Anticipated Results



Participant recruitment and data collection is in progress.

The findings will aid in our understanding of PWS and caregivers' perspectives for PFCC across the care continuum within the context of COVID-19.

Conclusion

- This novel research will contribute to the development of models of PFCC to support recovery of PWS and caregiving across the care continuum in the context of a pandemic
- The findings may inform training of rehabilitation professionals to enhance their support of caregivers to PWS

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References

- Teasell, RW, et al., *Arch Phys Med Rehabil*, **89**(3), 575-578, 2008
- Martí-Fàbregas, J, et al., *Stroke*, **52**(12), 3908-3917, 2021
- Cameron, JI, et al., *Int J Stroke*, **11**(7), 807-822, 2016
- Mountain, A, et al., *Int J Stroke*, **15**(7), 789-806, 2020
- Kokorelias, K, et al., *BMC Health Serv. Res*, **19**(1), 1-11, 2019
- Colorafi, KJ, et al., *Res Integr Peer Rev*, **1**, 2, 2016
- Braun, V, et al., *Qual. Res. Sport Exerc. Health*, **11**(4), 589-598, 2019

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