

Description and Evaluation of a Stroke Education Capacity Building Initiative for Vietnamese Speaking Pharmacists

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Take Home Message

- Insufficient access to linguistically and culturally appropriate stroke education contributes to stroke disparities in racial/ethnic minorities.
- Viet-Capacity is one of the first stroke education capacity building initiatives tailored specifically to Vietnamese-speaking pharmacists in the United States.
- The didactic training component increased the knowledge of stroke management, health disparities, stroke education interventions, and community outreach in Vietnamese speaking pharmacists
- Educational content and learning assessment tools were perceived to be of high quality, with excellent satisfaction and high level of effectiveness in increasing pharmacists' knowledge about stroke.
- This research was continued by building capacity within these pharmacists to disseminate stroke awareness to the Vietnamese American community.

Objectives

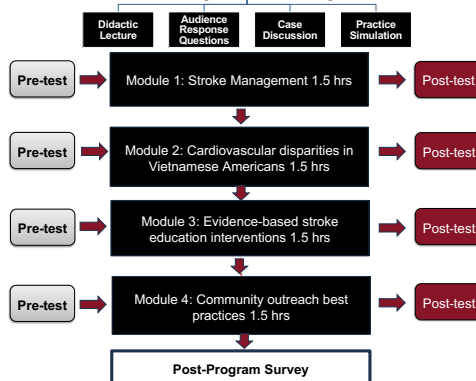
To describe and evaluate the didactic training component of Viet-Capacity on pharmacist learning.

Methods

Inclusion Criteria for Viet-Capacity Program

- Vietnamese Speaking (self-report)
- Licensed pharmacist or recent PharmD graduate pending licensure

Scope of one-day live continuing education Program



Results

Figure 1: Example Description of Participant Feedback

“Eye opening! Inspires me to get involved in more health education for the Vietnamese community in my area”

Table 1: Participant Demographics

Total Participants	27
Age (years)	Median: 38 Interquartile range: 29.5 - 50
Sex n(%)	Male: 7(26%) Female: 20(74%)
Years as licensed pharmacist	< 5 years= 9 (33%) 5-10 years= 2(7%) >10 years= 15 (56%)
Primary pharmacy practice setting	Hospital: 48% Community/Retail: 41% Manage Care: 4% Other: 4%
Number of Vietnamese patients seen in a week	Median: 1 Interquartile range: 0 - 5

Figure 2: Average Pre and Post-test Results

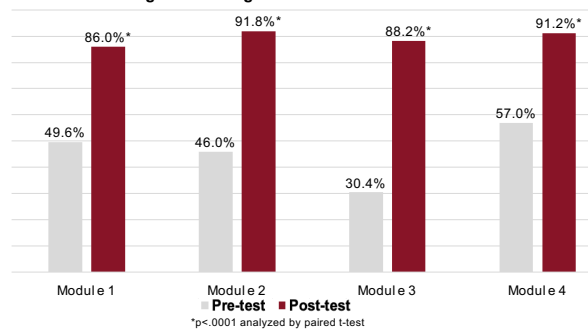


Figure 3: Proportion of Participants Achieving 80% or Higher on Pre and Post-test

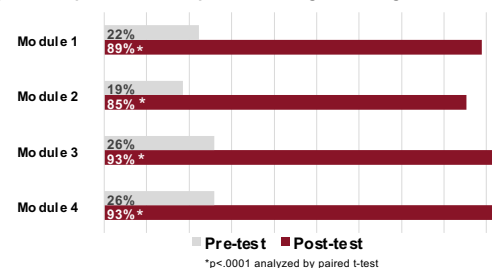


Table 2: Post Program Survey Results

Post-program survey completion rate		88.9% (24/27)		
Proportion of responses indicating EXCELLENT satisfaction on 5-point Likert Scale				
	Topic	Learning Activities	Level of Content	Speaker Organization
Module 1: Stroke Management		100%	100%	100%
Module 2: Cardiovascular disparities in Vietnamese Americans		95.8%	95.8%	95.8%
Module 3: Evidence-based stroke education interventions		95.8%	95.8%	95.8%
Module 4: Community outreach best practices		95.8%	95.8%	100%
The learning objectives for the course were achieved				95.8%
Overall, the content of the program contributes valuable information that will assist in improving quality of care for patients				95.8%
The content of the program was evidence-based and clinically relevant				95.8%
The pre and post test quizzes were useful assessment tools				95.8%
“Do you intend to deliver stroke education to Vietnamese patients?”				100% answered YES

Future Direction

Future research should evaluate how dissemination of this information to these pharmacists and the community affects health outcomes.

References

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