

#0025

Improving Health Care Staff Knowledge on Women's Heart Health Through a Multi-Layered Approach

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Abstract

Introduction: CVD is the number one killer of women worldwide but there is still a major gap in research, care and education regarding WHH. Therefore, training and education of healthcare staff regarding WHH is imperative. However, to provide appropriate education, organizations must assess knowledge gaps and develop a comprehensive education plan that bridges learning needs.

Purpose: To assess and develop multi-layered educational materials and opportunities to improve staff knowledge regarding WHH.

Method: Phase one consisted of a needs assessment, using a mixed methods. Phase two, consisted of pre and post survey analysis. Phase three, a corporate training plan for new employees.

Results: Phase one, identified participants' (N=246; 59% nurses, 22% allied health professionals and 19% physicians, research, and administrative staff) gap in staff's knowledge on WHH. Most staff (65%) did not know what MINOCA is. Similarly, 65% of staff did not know the differences in the symptom occurrence between women and men and 48% did not know CVD is the leading cause of death among women. Most staff (93%) reported they have not received any specific education on WHH but 99% were interested in receiving this education (Figure1-3).

In phase two, a hybrid education day was organized, with 268 participants and included a pre and post survey assessment to evaluate the participants' knowledge improvement and satisfaction. Results revealed that participants' knowledge increased by 50% in all question with the education. The majority of participants (99%) were satisfied with the education they received (Figure4-9).

In phase three, an electronic interactive learning module (Sway) was developed and integrated to expand new staff education.

Conclusion: Multi-layered education has increased staff's knowledge and satisfaction and laid the foundation for raising the standard of care.

Figure 1

Q1



What is your profession?

Answered: 248 Skipped: 0

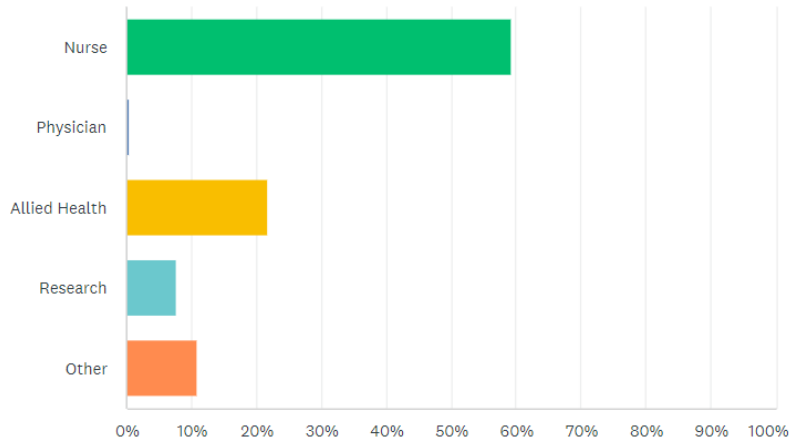
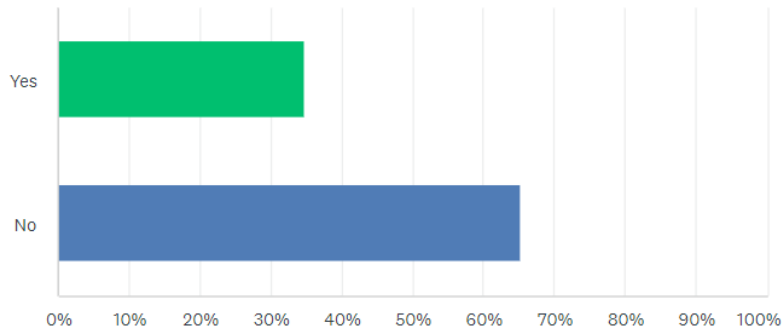


Figure 2 Q2



Have you head of the acronym MINOCA?

Answered: 247 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	34.82%	86
No	65.18%	161
TOTAL		247

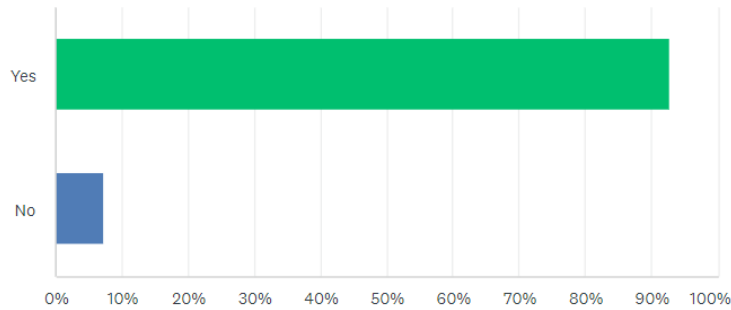
Figure 3

Q10



Would you be interested in further education regarding women's heart health?

Answered: 248 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	92.74%	230
No	7.26%	18
TOTAL		248

Figure 4

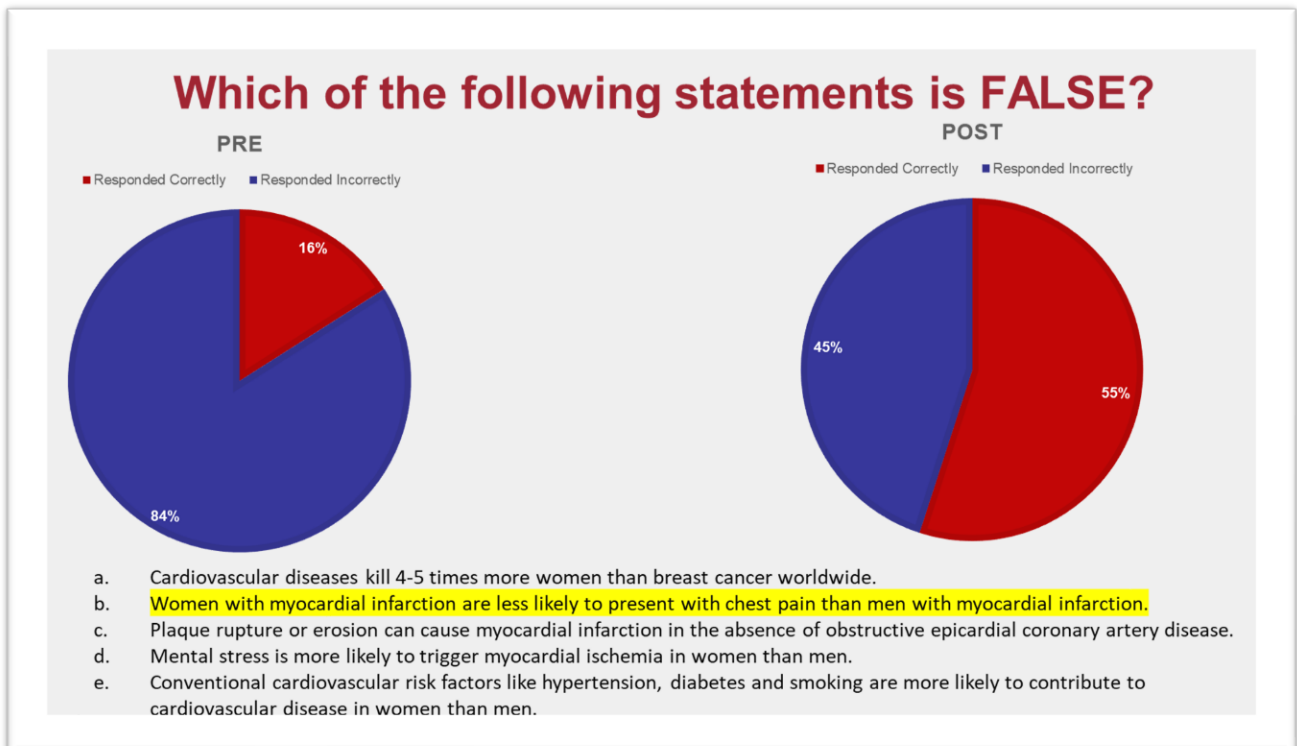


Figure 5

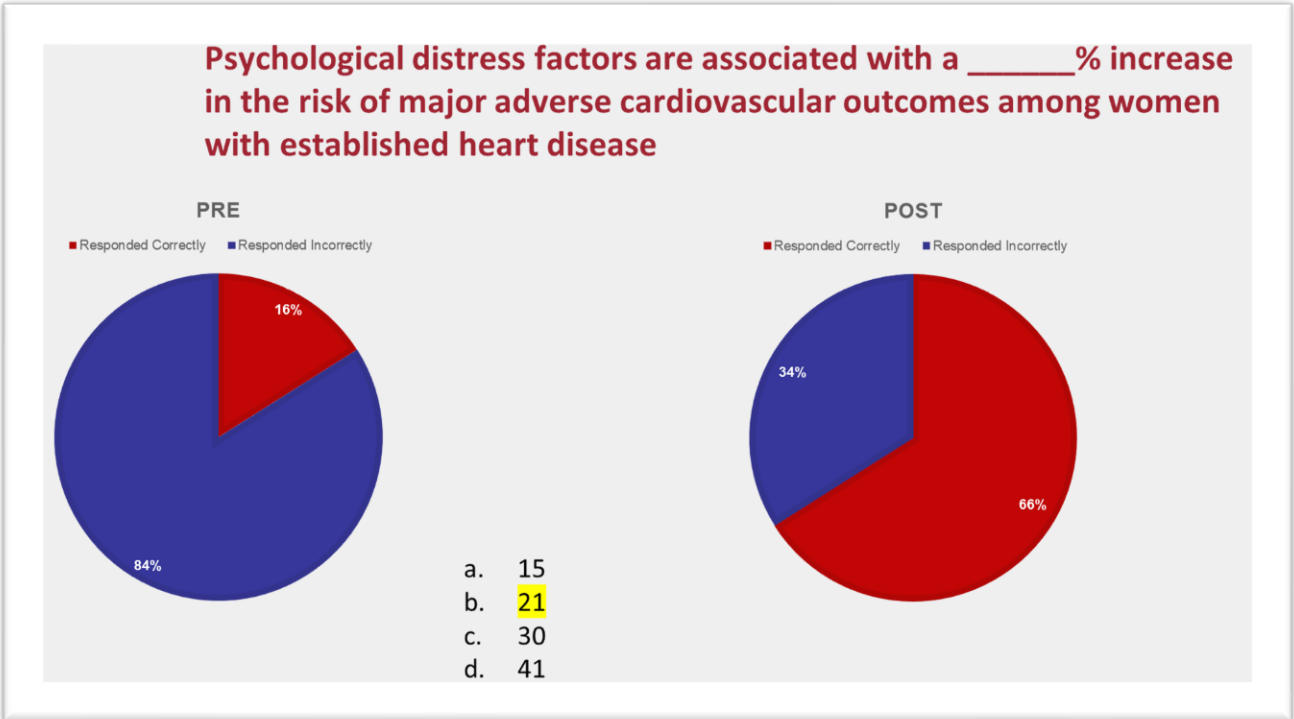


Figure 6

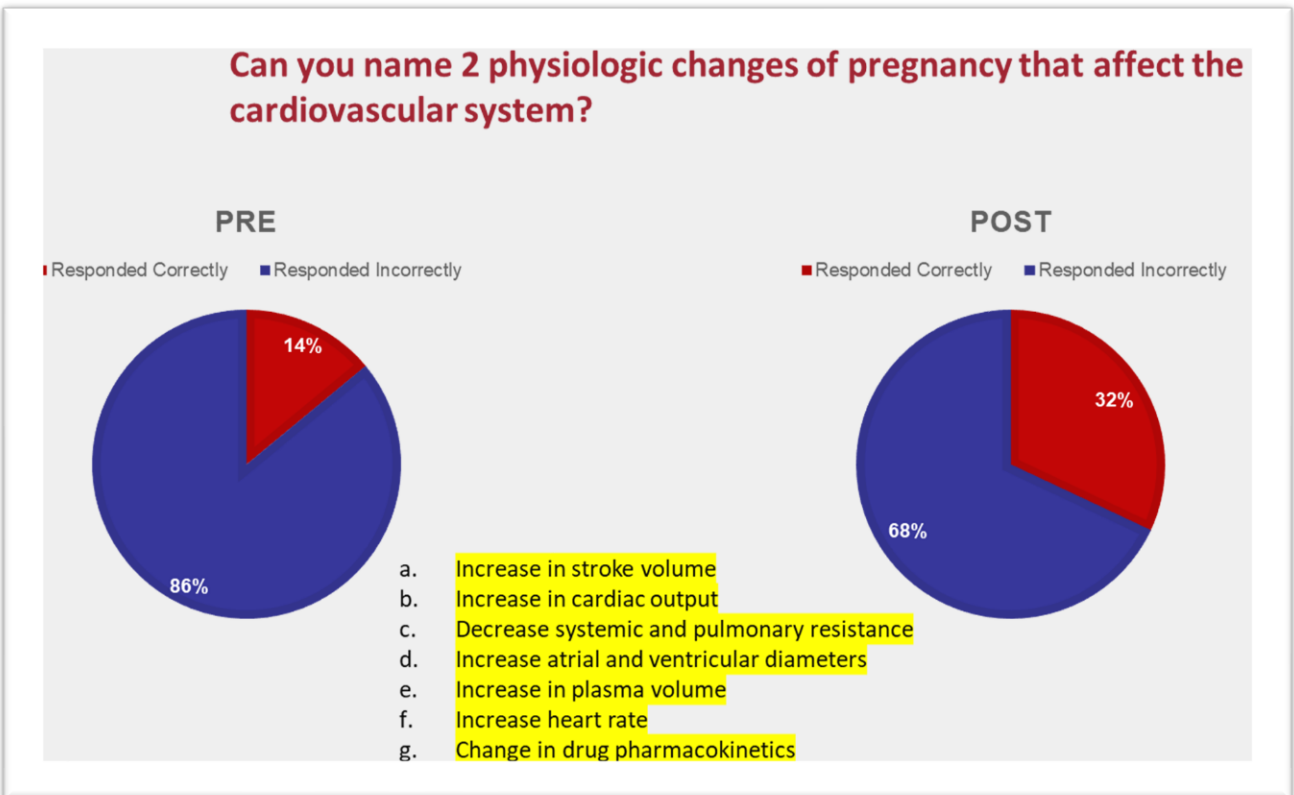


Figure 7

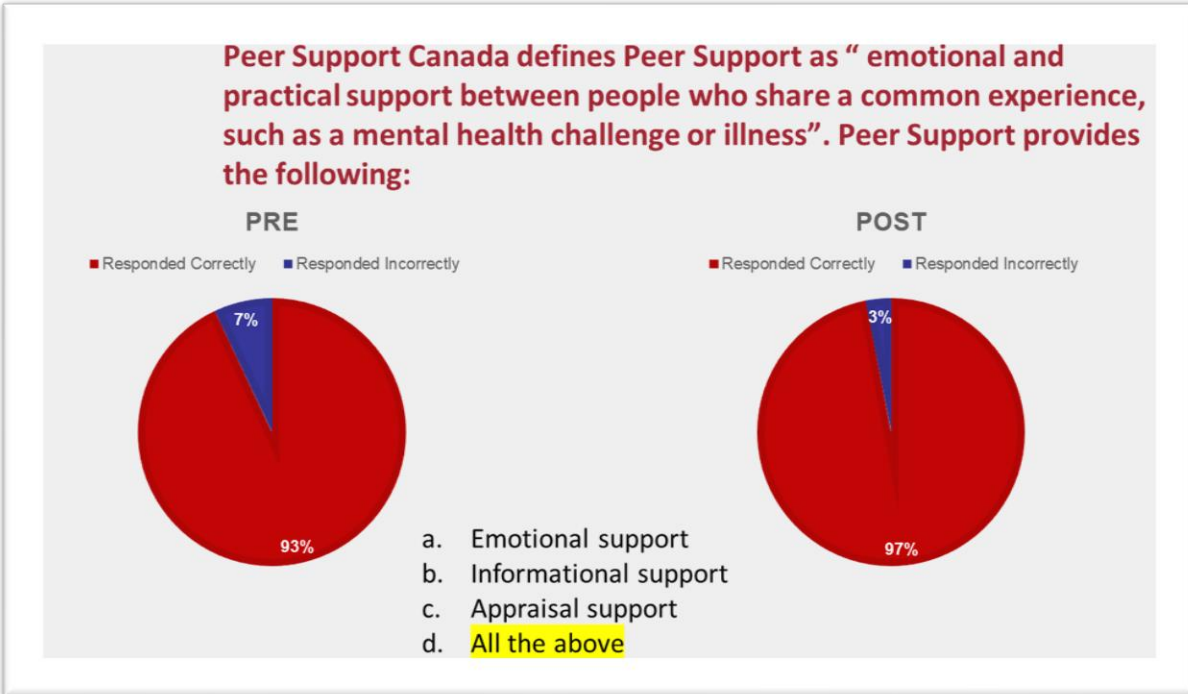


Figure 8

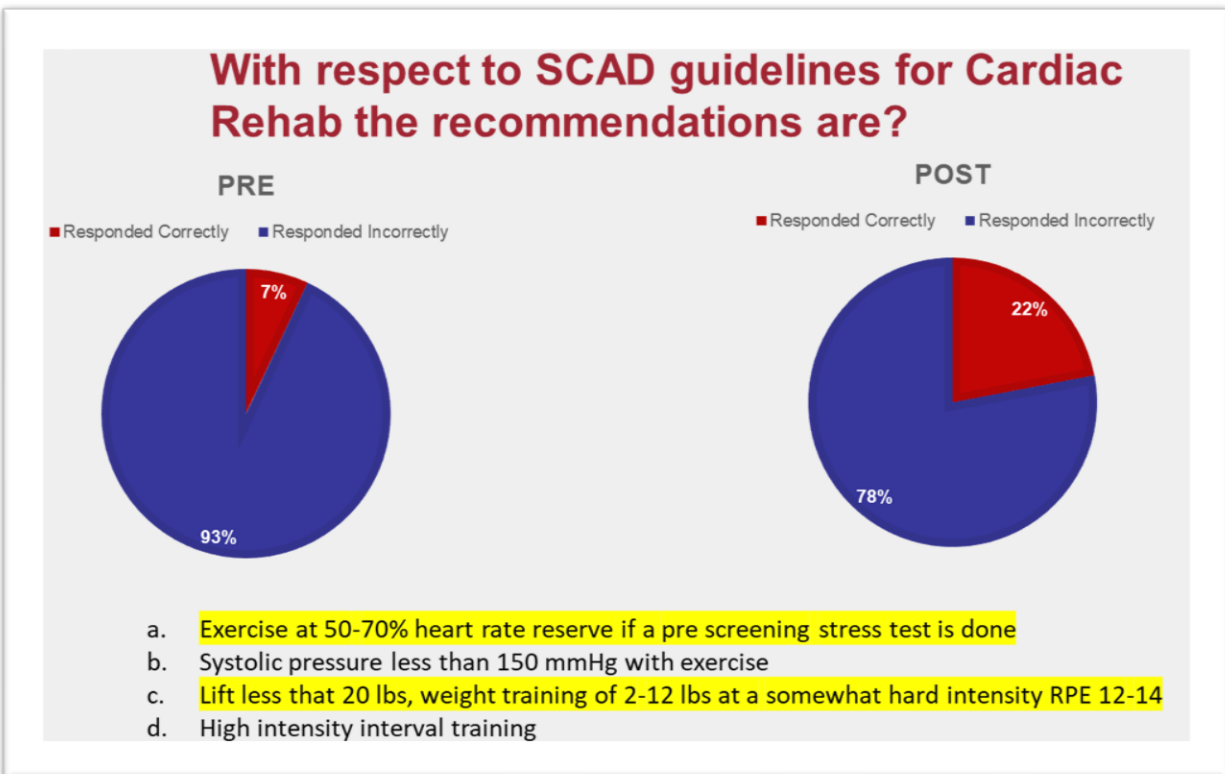


Figure 9

