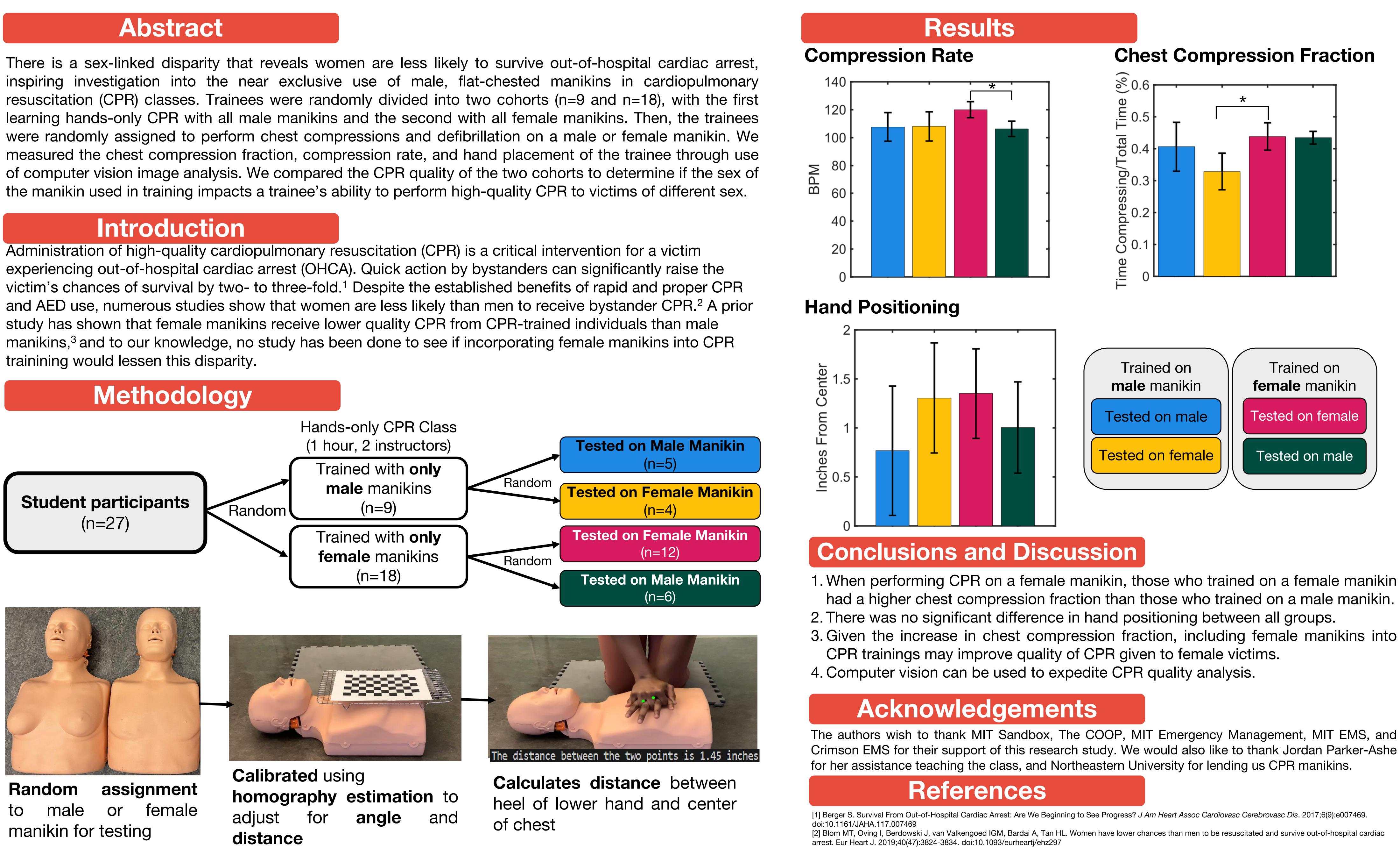
Does the Simulated Sex of the CPR Training Manikin Affect CPR Quality?

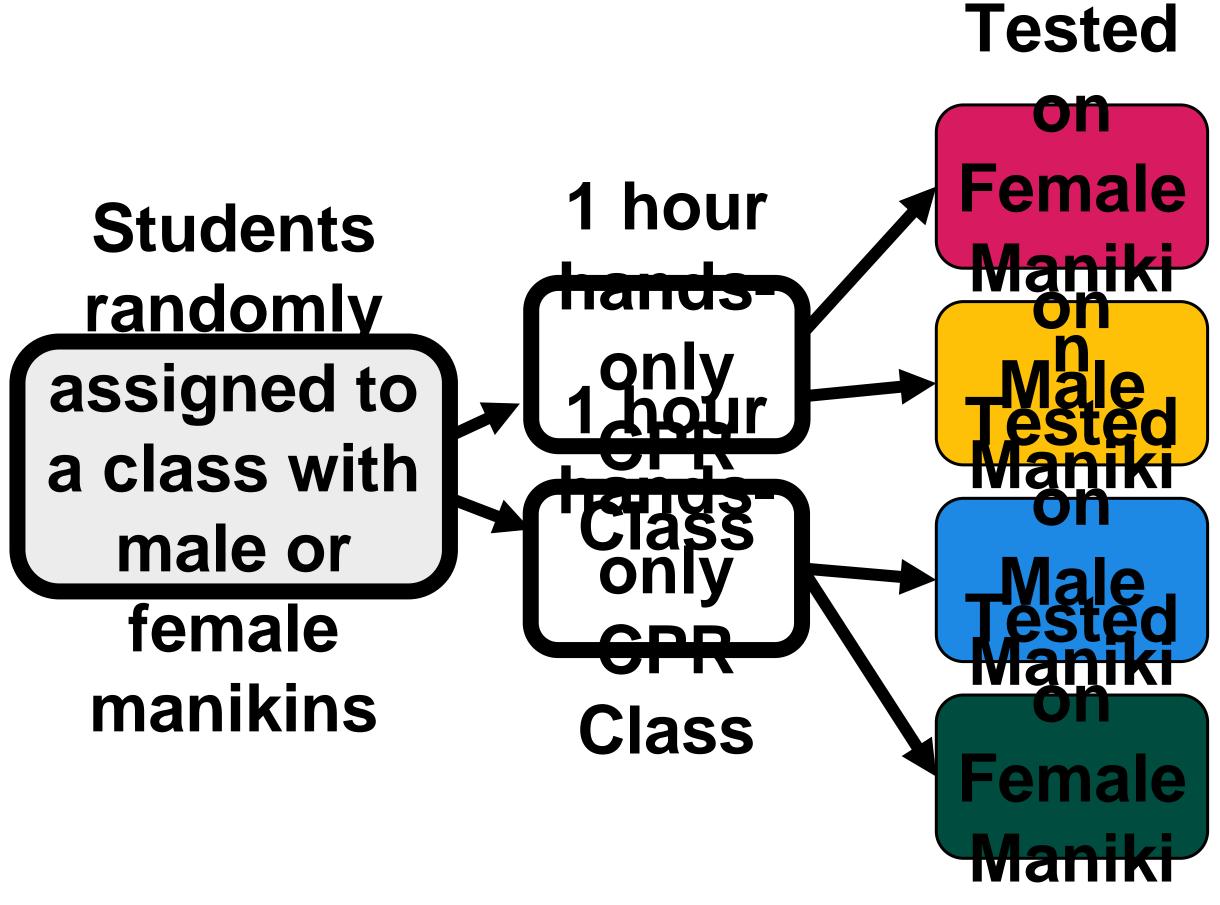


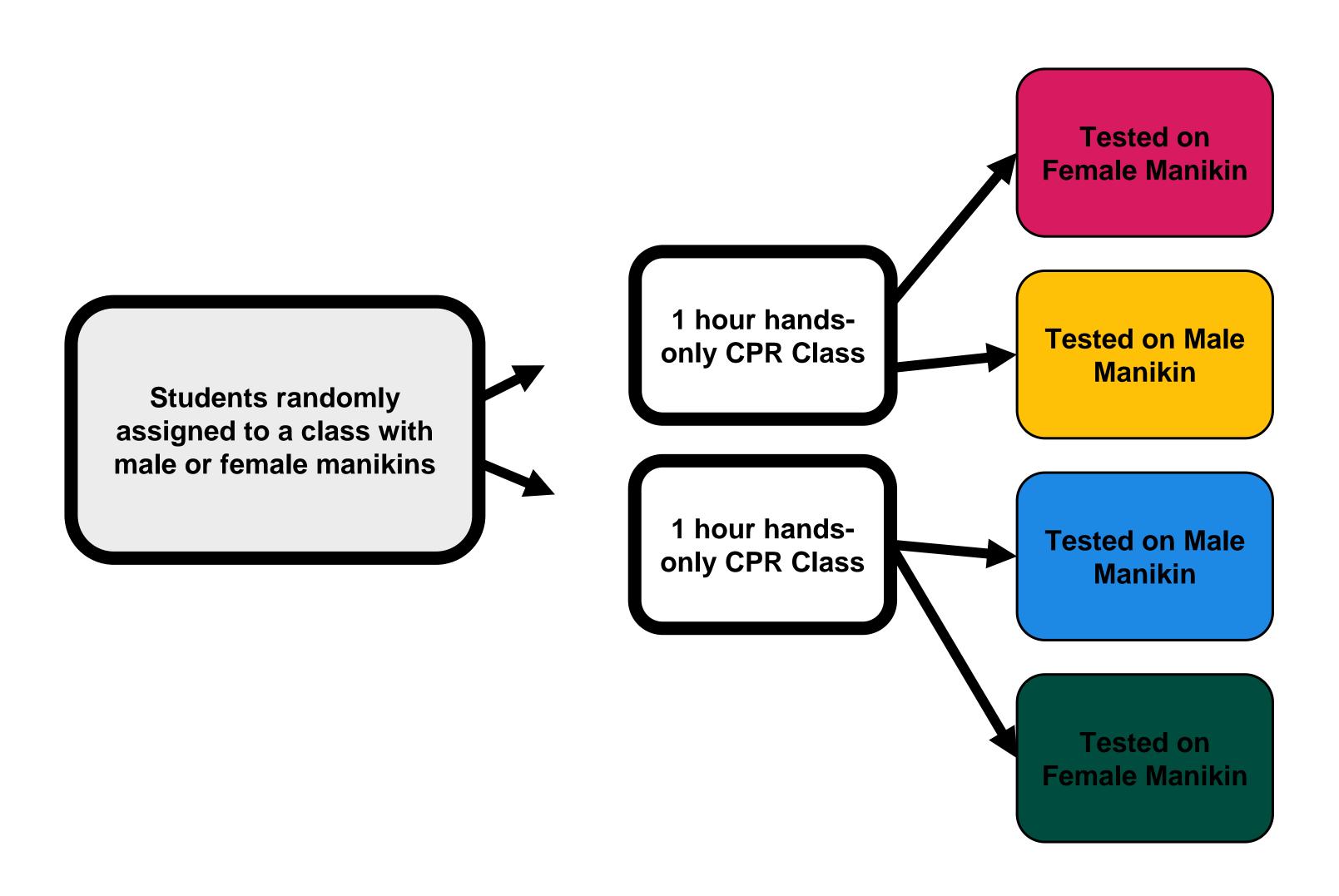
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[3] Kramer C, Wilkins M, Davies J, Caird J, Hallihan G. Does the sex of a simulated patient affect CPR? Resuscitation. 2014:86:82-87.





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Student participants (n=27)

Introduction

Administration of high-quality cardiopulmonary resuscitation (CPR) is a critical intervention for a victim experiencing out-of-hospital cardiac arrest (OHCA). Quick action by bystanders can significantly raise the victim's chances of survival by two- to three-fold. Despite the established benefits of rapid and proper CPR and AED use, numerous studies show that women are less likely than men to receive bystander CPR.2 One survey revealed that the reasons for this disparity include fear of causing further injury to a woman, the belief that women may be overreacting and do not truly need CPR, fear of being accused of inappropriately touching the victim, and a reluctance to unclothe a woman in public.3 While women are less likely to receive bystander CPR than men, the impact of gender on OHCA survival rates still remains unclear. Further, one can postulate that a lack of female anatomical representation in CPR training materials and devices might contribute to this disparity.

Given the gender disparity in bystander CPR, which may affect OHCA survival rates, and the lack of female-anatomy representation in CPR training materials, this study aimed to assess whether the use of a female-anatomy adjunct during CPR training would influence reported comfort levels of trainees in performing CPR on women, and to what extent.

