

# Health Science Research Day Abstract Submission

Response was added on 09/20/2019 3:51pm.

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Title of Abstract	Impact of the Geriatric Patient Advocacy and Wellness Strategy (GeriPAWS) pilot for delirium prevention in acute care surgery patients (Please Enter All CAPS)
Category of the Poster	<input checked="" type="radio"/> I = undergraduates and medical students <input type="radio"/> II = graduate students, residents, post-docs
Project Type	<input checked="" type="radio"/> Clinical Science (involving human participants) <input type="radio"/> Basic Science
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 University of Missouri College of Veterinary Medicine  
 University of Missouri College of Engineering  
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Are any of the participants from Health Sciences School? NOTE: Any submission without a Health Sciences participant will not be accepted	<input checked="" type="radio"/> Yes <input type="radio"/> No
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Name of the Participant	Madeline Sauer, Michelle Gary
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Participant's Department	<input checked="" type="radio"/> University of Missouri School of Medicine <input type="radio"/> University of Missouri School of Health Professions <input type="radio"/> University of Missouri Sinclair School of Nursing
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## Abstract

Introduction	<p>Seven million patients experience delirium with on 40% receiving diagnosis in the hospital each year. Prevention strategies have been shown to reduce delirium, improve health outcomes, and decrease hospital costs but are challenging to implement in busy healthcare settings. We aim to implement a volunteer-lead program to reduce delirium, improve patient satisfaction, and increase awareness of delirium in elderly patients</p>
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Methods	<p>First-year medical students volunteered for 7 weeks to implement delirium prevention strategies. All patients 65 years old and older admitted to acute care surgery service were eligible to participate. Volunteers visited patients 2-3 times per day and recorded interventions and time spent with patients. Interventions included turning on lights, orienting the patient, providing in-bed range of motion exercises, offering educational resources, and other social activities.</p>
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Results	<p>Ten of 112 first-year medical students volunteered. Twenty-three of 34 eligible patients participated in GeriPAWS. Participants were visited by volunteers an average of 1.4 times per day for 16.7 minutes per visit with 10 interventions performed at each visit.</p>
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Conclusion

We conclude that it is feasible to implement a delirium prevention program that does not increase burden on healthcare teams. Nearly 2/3 of elderly patients were interested in this program. Based on patient willingness to participate and ease of implementing this pilot, we intend to implement hospital-wide expansion with volunteers. Further investigations include delirium reduction rate, clinical outcomes, and patient satisfactions scores.

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Attach the Abstract Document

[document]  
(Please use the abstract template attached in the beginning of this form)

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