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Patient and Family Advisory Council

Cuthbert Lab & Oncology Outcomes

Welcome

We are thrilled to share the news that Master's student Hannah Harsanyi has successfully defended her thesis, titled "Long-Term Opioid Prescribing among Patients Living with Chronic Metastatic Cancer". Hannah has been a student with the Cuthbert Lab for the last few years. We are excited to celebrate this incredible milestone with her as she obtains a Master of Science in Community Health Sciences with a Specialization in Clinical Epidemiology.



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Research Highlights

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Comparative Accuracy of Typhoid Diagnostic Tools: A Bayesian Latent-Class Network Analysis.

STUDY PURPOSE

Typhoid fevers are infections caused by the bacteria *Salmonella enterica* serovar Typhi (*Salmonella* Typhi) and Paratyphi A, B and C (*Salmonella* Paratyphi).

The accuracy of current diagnostic tests for typhoid fever is poorly understood.

This study aimed to determine the comparative accuracy of available typhoid fever tests for the pediatric population.

CONCLUSIONS & FUTURE IMPACT

In the pediatric population, lateral IgG (immunoglobulin tests), TPT (typhoid/paratyphoid diagnostic assay), and Reverse Passive Hemagglutination tests (used to detect antigen) had high diagnostic accuracy compared to other diagnostics.

Combinations of tests may provide a feasible option to increase diagnostic sensitivity.

The evidence base needs to be expanded, as the performance of diagnostics could vary by region and specific setting.

[Click here for full article.](#)

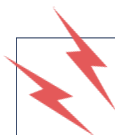
Cuthbert Lab

EXERCISE FOR PAIN MANAGEMENT

The role of exercise for pain management in adults living with and beyond cancer: a systematic review and meta-analysis

Collen Cuthbert, Rosie Twomey, Mannat Bansal, Benny Rana, Tana Dhruva, Veronica Livingston, Julia Daun, Nicole Culos-Reed

STUDY PURPOSE



Pain is a common side effect of cancer.

It is also a common side effect of cancer treatment. Pain negatively impacts one's wellbeing and overall quality of life.



Exercise could help manage pain.

The study objective was to determine the role of exercise in cancer pain management.

CONCLUSIONS



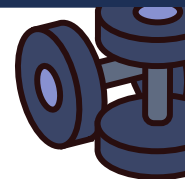
Multimodal pain management is needed.

This review demonstrates that exercise can be beneficial in reducing pain associated with cancer and cancer treatment.



More research on cancer-related pain is needed.

Future research exploring the role of exercise for pain as a primary outcome in individuals living with and beyond cancer is needed.



Study Recruitment



We continue to actively recruit participants for several studies right now, including:

- ▶ Remote Assessment of Physical Fitness
Measures: Reliability and Validity Study
[Poster Link to Share](#)

If you think the studies might be relevant to your contacts, please feel free to share the website or poster links. For the additional details on each study click [here](#).



Coming Up

The next newsletter will release in November 2024.

The next PFAC meeting will be in December, stay tuned for more details!

Previous issues of the PFAC newsletter have been posted online:

<https://www.cuthbertlab.com/advisory-council>

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