

Message from the Research Director



Welcome to the first edition of the BC Women's Centre for Pelvic Pain and Endometriosis Research Newsletter. We are actively involved in clinical and translational research to improve understanding, diagnosis and treatment of pelvic pain and endometriosis. The first paper from our clinical database has now been published in the American Journal of Obstetrics & Gynecology, which is one of the top journals in our field. In June 2016 we converted our clinical

database into a patient data registry which currently includes over 2000 women! This newsletter is our way of sharing our research findings and saying thank you for your contributions.

Paul Yong, MD PhD FRCS

What we learned about Chronic Pelvic Pain

Our recent findings from a sample of 656 women with chronic pelvic pain indicated that abdominal wall pain (trigger points), pelvic floor tenderness, painful bladder syndrome, history of sexual assault, higher body mass index, current smoking, and a family history of chronic pain were independently associated with higher severity of chronic pelvic pain.

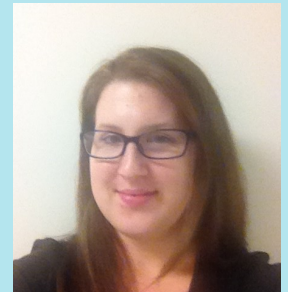
We also found that chronic pelvic pain was similar between women with and without endometriosis, highlighting the importance of factors other than endometriosis (e.g. muscles and the nervous system) in the physiological processes associated with chronic pelvic pain.



Yosef, A., Allaire, C., Williams, C., Ahmed, G., Al-Hussaini, T., Abedallah, M., Wong, W., Lisonkova, S., Yong, P. (2016). Multifactorial contributions to the severity of chronic pelvic pain in women. *American Journal of Obstetrics & Gynecology*, epub ahead of print.

The BC Women's Centre for Pelvic Pain and Endometriosis offers an interdisciplinary approach to endometriosis and chronic pelvic pain that includes a combination of pain education workshops, pelvic floor physiotherapy, clinical counselling, medical management and surgery.

The information contained in this newsletter is not considered medical advice.

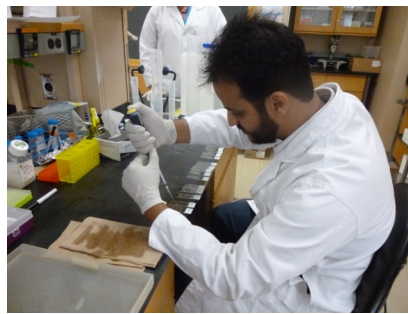


TEAM SPOTLIGHT

Heather Noga is our new research coordinator and your main contact for all our research projects.

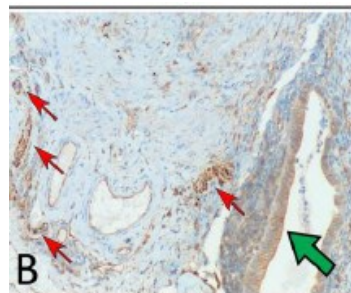
Heather has a very diverse range of research experience. She holds a B.A. in Sociology from the University of Manitoba and an M.A. in International Criminal Justice from the University of Leeds, UK. However, most of her work has been in the field of improving care for vulnerable populations.

In addition to the data registry all patients undergoing surgery at our clinic have the opportunity to donate their tissue to research!

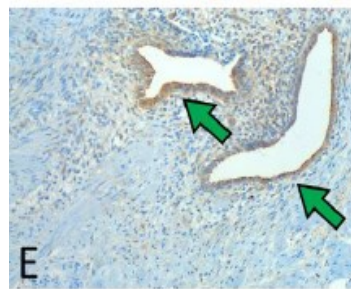


Did you Know?

- Half of women with endometriosis have pelvic pain with sexual intercourse?
- By looking at tissue samples we found that women with endometriosis and pain with sexual intercourse (study group) had more nerve cells around the endometriosis than women with endometriosis but no pain (control group).
- For clinical practice and research this suggests that we should be looking into nerve cells as another treatment target to reduce pain with sexual intercourse.



Study Group



Control Group

Small arrow = nerve cells
Large arrow = endometriosis

Williams, C., Hoang, L., Yosef, A., Alotaibi, F., Allaire, C., Brotto, L., Fraser, I., Bedaiwy, M., Ng, T. L. Lee, A. F. and Yong, P.J. (2016). Nerve Bundles and Deep Dyspareunia in Endometriosis. *Reproductive Sciences* 23:7:892-901.

Other Recent Publications

Bedaiwy MA, Dahoud W, Skomorovska-Prokvolit Y, Yi L, Liu JH, Falcone T, Hurd WW, Mesiano S. (2015) Abundance and Localization of Progesterone Receptor Isoforms in Endometrium in Women With and Without Endometriosis and in Peritoneal and Ovarian Endometriotic Implants. *Reproductive Sciences* 22(9):1153-61.

Mui, J., Allaire, C., Williams, C. Yong, P. J. (2016). Abdominal Wall Pain in Women with Chronic Pelvic Pain. *Journal of Obstetrics and Gynecology Canada* 38(2) 154-9.

Chen, I., Money, D., Yong, P., Williams, C., Allaire, C. (2015). An Evaluation Model for a Multidisciplinary Chronic Pelvic Pain Clinic: Application of the RE-AIM Framework. *Journal of Obstetrics and Gynaecology Canada* 37(9): 804-9.

UPCOMING EVENTS

International Pelvic Pain Society Annual Meeting
Chicago, Oct 13-16, 2016

D.A. Boyes Society Meeting & Obstetrics and Gynaecology Clinical Review
Vancouver, Nov 3 - 4, 2016

13th World Congress on Endometriosis
Vancouver, May 17-20, 2017

Have your contact details changed?

Let us know!

CONTACT US

For more information or to [unsubscribe](#) from our newsletter please contact our research coordinator.

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