# Understanding Patient Perspective on Pelvic Floor Disorder Surgical Pain and Adverse Events: A Qualitative Study

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# BACKGROUND

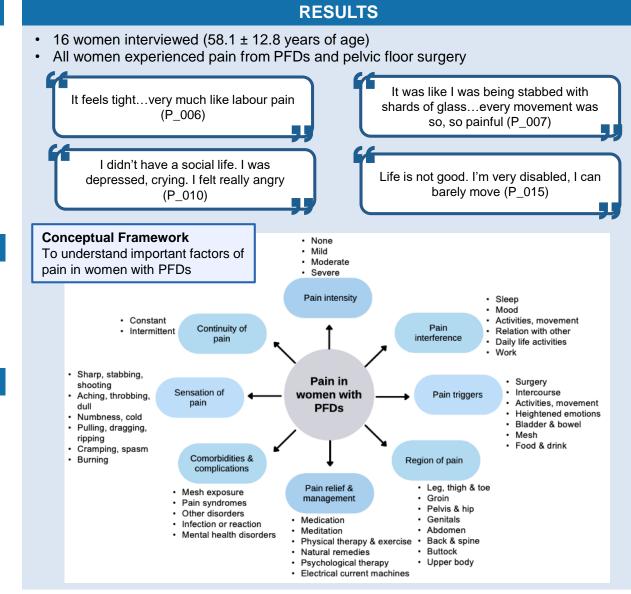
- Pain is one of the main complaints and most feared complication after pelvic floor surgery in women with pelvic floor disorders (PFDs)<sup>1</sup>
- **Pre-existing** pain is a **risk factor** for chronic **post-operative** pain<sup>2</sup>
- PFD related pain cannot be measured with current patient-reported outcome measures (PROMs) since measurement of pain is complex and pain is multifactorial.<sup>3</sup>

# AIM

To understand perceptions and views of women with PFDs on what is important for them regarding pain, then draft potential items for a new pain-specific PROM using a conceptual framework.

### METHODS

- Used a qualitative phenomenological study design.
- Recruited **adult women** who had **pelvic floor surgery**, had **pain** and surgical complications, in Australia and New Zealand.
- Conducted **semi-structured** telephone and zoom **interviews**.
- Interview transcripts were thematically analysed using NVivo software.



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# CONCLUSION

- Problem of pain in women with PFDs is immense and complicated.
- Women emphasised and supported the need for a new pain-specific PROM.
- The conceptual framework and quotes will help to develop the new instrument.

#### ACKNOWLEDGEMENTS

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# REFERENCES

- Geller EJ, Babb E, Nackley AG, Zolnoun D. Incidence and risk factors for pelvic pain after mesh implant surgery for the treatment of pelvic floor disorders. *J Minim Invasive Gynecl.* 2017 Jan;24(1):67-73.
- Koops SE, Schreuder HW, Heydanus L, Zanten F. De novo pain and relief of pain after abdominal synthetic mesh implants. *Continence*. 2022 Dec; 4:100514. 1.
- 3. Shi C, Zhao Y, Hu Q, Gong R, Yin Y, Xia Z. Clinical analysis of pain after transvaginal mesh surgery in patients with pelvic organ prolapse. *BMC Women's Health.* 2021 Dec;21(1):1-9.

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