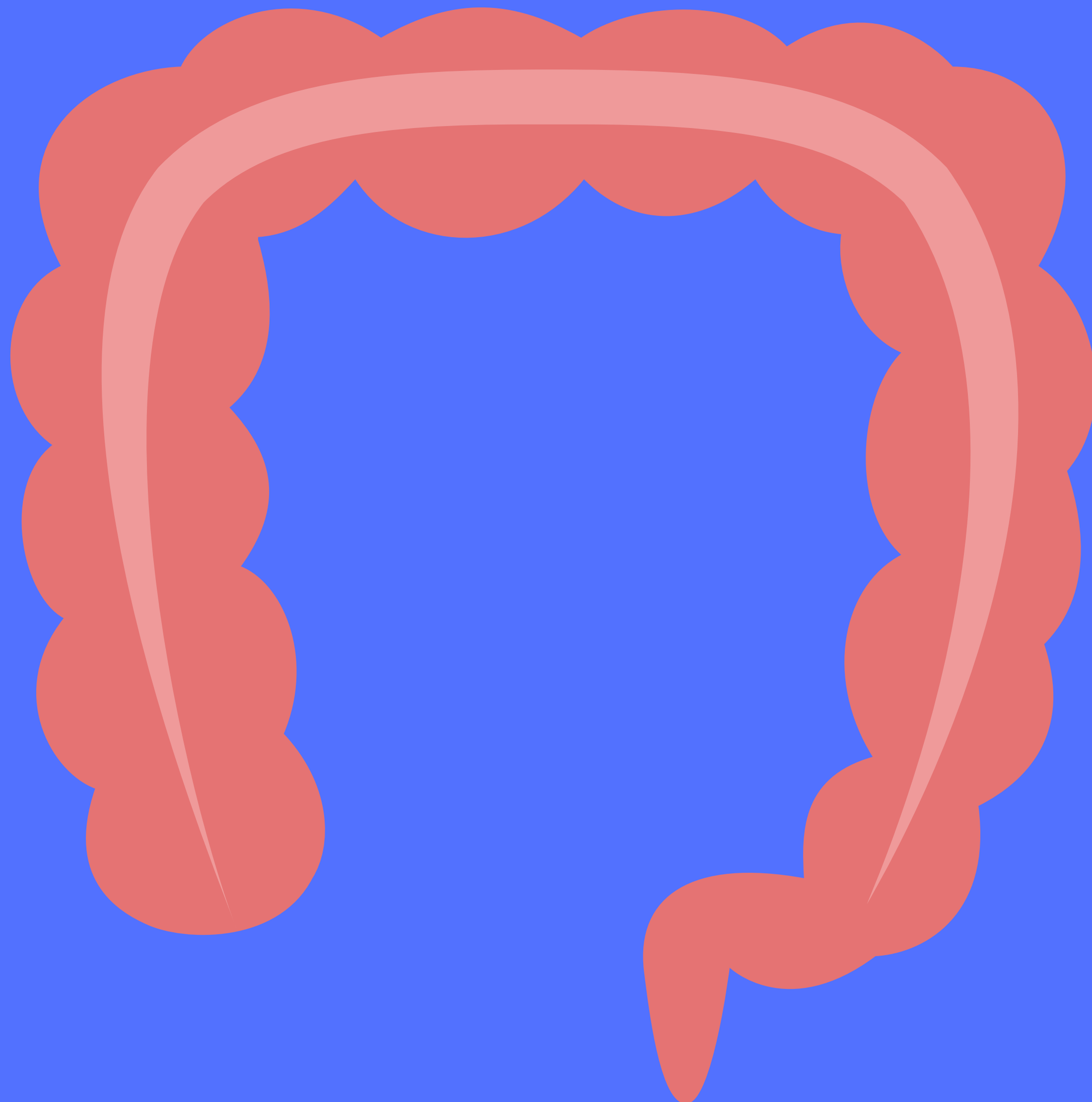


Colonoscopy & Timing of Sedation

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Opportunity Defined

1 out of 6 of Albertans will be diagnosed with colorectal cancer in their lifetime

The symptoms of colorectal cancer can be difficult to detect

Colonoscopy is considered the gold standard of screening tests

Colonoscopy is an invasive test and can be physically and psychologically uncomfortable

Sedation is offered to promote the acceptability of the procedure

Canadian data in the literature is lacking

Acts to Improve

The study aim was to examine how the timing of sedation is related to patient comfort

It was the hope that a small change in practice may result in improved patient experiences

1/6

27.8

176

Measurement

A chart review was conducted, 9 data points and comfort scores were compiled and analyzed to discover any existing relationship

Results

No relationship was discovered between the timing of sedation and patient comfort

Most patients were assessed as comfortable during their colonoscopy procedure

LESSONS LEARNED

Important data from a Canadian context was the result of this study

Addressing patient comfort is complex and there is room for improvement

No standard of care exists for comfort

Further study is needed to examine patient comfort during colonoscopy procedures

Negative experiences may affect how people access the health care system

Negative results have value

References

- Alberta Cancer Foundation. (2009). *Cancer by the numbers*. Retrieved from <http://albertacancer.ca/document.doc?id=194>
- Alberta Health Services. (n.d.a). *Forzani & McPhail colon cancer screening centre*. Retrieved from <http://www.albertahealthservices.ca/ccsc.asp>
- Alberta Health Services. (n.d.b). *Procedural sedation*. Retrieved from <https://my.albertahealthservices.ca/http://insite.albertahealthservices.ca/9227.asp>
- Baudet, J. S., & Aguirre-Jaime, A. (2012). The sedation increases the acceptance of repeat colonoscopies. *European Journal of Gastroenterology and Hepatology*, 24(7), 775-780. doi: 10.1097/MEG.0b013e32835376a2
- Canadian Cancer Society. (2014). *Alberta statistics at a glance from Canadian cancer statistics*. Retrieved from <http://cancer.ca>
- Chartier, L., Arthurs, E. & Sewitch, M. J. (2009) Patient satisfaction with colonoscopy: A literature review and pilot study. *Canadian Journal of Gastroenterology*, 23(3), 203-209. Retrieved from <http://tinyurl.com/p838tj5>
- Loftus, R., Nugent, Z., Graff, L. A., Schumacher, F., Bernstein, C. N., & Singh, H. (2013). Patient satisfaction with the endoscopy experience and willingness to return in a central Canadian health region. *Canadian Journal of Gastroenterology*, 27(5), 259. Retrieved from nih.gov
- Rostom, A., Ross, E. D., Dubé, C., Rutter, M. D., Lee, T., Valori, R., ... & Hilsden, R. J. (2013). Development and validation of a nurse-assessed patient comfort score for colonoscopy. *Gastrointestinal endoscopy*, 77(2), 255-261. Retrieved from
- Sewitch, M. J., Dubé, C., Brien, S., Jiang, M., Hilsden, R. J., Barkun, A. N., & Armstrong, D. (2013). Patient-identified quality indicators for colonoscopy services. *Canadian Journal of Gastroenterology*, 27(1), 25-32. doi 10.1155/2013/574956
- Valori, R., Nicolaas, J. S., & de Jonge, V. (2010). Quality assurance of endoscopy in colorectal cancer screening. *Best Practice & Research Clinical Gastroenterology*, 24(4), 451-464. doi: 10.1016/j.bpg.2010.06.006