

tional. In the decade before the incentive fees, our communities had no trouble finding physicians to staff walk-in shifts, and many new graduates were deciding to do hospitalist work because they viewed financial disincentives to entering full-service family practice. Family physicians who loved their practice were choosing to take half days off to work in a walk-in clinic just to be financially competitive with their colleagues.

I have watched a gradual shift this decade whereby physicians are back in their offices, and new grads are coming to communities to set up a full practice. I believe this is a direct result of BC incentive payments allowing doctors to choose to practise long-term comprehensive medicine on a financially equitable playing field.

Liz Zubek MD

Shepherd's Hill Medical Clinic, Maple Ridge, BC

Reference

1. Lavergne MR, Law MR, Peterson S, et al. A population-based analysis of incentive payments to primary care physicians for the care of patients with complex disease. *CMAJ* 2016;188:E375-83.

CMAJ 2016. DOI:10.1503/cmaj.1150124

National opioid crisis

Friesen and colleagues¹ have provided invaluable insight into unsafe opioid prescribing in Canada over a time when we have seen unprecedented increases in prescriptions for opioids² and consequently the number of associated harms, including death.³

As an opioid prescribing educator, I agree with Lucyk and Nelson's contention in their linked commentary⁴ that we require improved prescriber education. However, given the breadth of the crisis, our approach to unsafe prescribing needs to be far more comprehensive, rational and coordinated.

An excellent example of the disconnectedness of our current efforts comes from British Columbia and the decision of its regulatory college to set new standards for opioid prescribing for chronic noncancer pain based on the

recently released guidelines from the Centers for Disease Control and Prevention.⁵ These new standards include what essentially amounts to a maximum dose of 90 MEQ (milligrams of morphine equivalent). Yet, as just one example, that province's formulary still carries transdermal fentanyl in doses more than four times this maximum in the form of 100 µg fentanyl patches (400 MEQ).

We know that decisions about what is available on formulary influences prescribing practices.^{2,6} With multiple inconsistent factors influencing prescriber behaviour, how can we expect a consistent response from physicians? In no other area of medicine do we see, or would we tolerate, such divergence and inconsistency of prescribing practices.⁷

As we continue to recognize the lack of good evidence for the use of strong opioids in chronic noncancer pain (despite what Lucyk and Nelson claim about the effectiveness of fentanyl⁴) and the substantial harms associated with their use, it is time that policy-makers, regulators, educators, prescribers and the public come together to form a consistent, rational and safe approach to the use of these potent medications.

Abhimanyu Sud MD

Lecturer, Department of Family and Community Medicine; Director, Safe Opioid Prescribing Course, Continuing Professional Development, Faculty of Medicine, University of Toronto, Toronto, Ont.

References

1. Friesen KJ, Woelk C, Bugden S. Safety of fentanyl initiation according to past opioid exposure among patients newly prescribed fentanyl patches. *CMAJ* 2016;188:648-53.
2. Gomes T, Mamdani MM, Paterson JM, et al. Trends in high-dose opioid prescribing in Canada. *Can Fam Physician* 2014;60:826-32.
3. Dhalla IA, Mamdani MM, Sivilotti ML, et al. Prescribing of opioid analgesics and related mortality before and after the introduction of long-acting oxycodone. *CMAJ* 2009;181:891-6.
4. Lucyk S, Nelson L. Consequences of unsafe prescribing of transdermal fentanyl. *CMAJ* 2016;188:638-9.
5. Professional standards and guidelines. Safe prescribing of drugs with potential for misuse/diversion. Vancouver: College of Physicians and Surgeons of British Columbia; 2016. Available: www.cpsbc.ca/files/pdf/PSG-Safe-Prescribing.pdf (accessed 2016 July 7).

6. Fischer B, Jones W, Murphy Y, et al. Recent developments in prescription opioid-related dispensing and harm indicators in Ontario, Canada. *Pain Physician* 2015;18:E659-62.
7. Dhalla IA, Mamdani MM, Gomes T, et al. Clustering of opioid prescribing and opioid-related mortality among family physicians in Ontario. *Can Fam Physician* 2011;57:e92-6.

CMAJ 2016. DOI:10.1503/cmaj.1150125

Nasal irrigation

Little and colleagues show a modest effect of nasal irrigation in people with recurrent or chronic sinusitis.¹ Participants used a neti pot, which delivers the irrigation fluid to the lower part of the nasal cavity.

However, the openings of the sphenoid, ethmoid and frontal sinuses are located at the top of the nasal cavity. Irrigation can only reach these openings when the head is positioned upside down. This can be achieved by instilling the irrigation solution from a syringe, with the head in supine position and then tilted backward into nearly an upside down position, over the edge of a bed or over an exercise ball. When the person sits up, the liquid is drained into a bowl, aided by a vigorous outbreath through the nose. A 60-mL syringe allows for five instillations of c. 12 mL each in a few minutes.

This procedure can be repeated daily when sinus symptoms are present. Liquid spilled over the face needs to be wiped quickly, before it reaches the eyes, lest purulent nasal material cause conjunctivitis. Water should be chlorinated or boiled and cooled to prevent infection, including amoebic meningoencephalitis.²

Wilhelmina J. Rietsema MD

University of Oxford, Oxford, UK

References

1. Little P, Stuart B, Mullee M, et al. Effectiveness of steam inhalation and nasal irrigation for chronic or recurrent sinus symptoms in primary care: a pragmatic randomized controlled trial. *CMAJ* 2016; 188:940-9.
2. Centers for Disease Control and Prevention. Notes from the field: primary amoebic meningoencephalitis associated with ritual nasal rinsing — St. Thomas, U.S. Virgin Islands, 2012. *MMWR* 2013;62:903.

CMAJ 2016. DOI:10.1503/cmaj.1150127