



Rebuttal: Will the new opioid guidelines harm more people than they help?

Nav Persaud MSc MD CCFP


NO Drs Gallagher and Hatcher dismiss thousands of preventable Canadian deaths each year as “illicit opioid-related deaths.”^{1,2} This denigrates the victims of the opioid crisis and misdirects the blame. People die after using opioids as prescribed by their doctors. There is no viable explanation for the massive increase in opioid-related deaths since the 1990s other than the sustained increase in opioid prescribing.^{3,4} Spreading false information about opioids—such as claiming that doctors could “weed out addicts” with newer opioid products—was the admittedly illicit activity that caused these deaths.⁵⁻⁹

Purdue Pharma paid Dr Brian Goldman to spread information about opioids before he decided to stop and warn others about the inescapability of “corporate bias.”^{10,11} The scattershot piece from Drs Gallagher and Hatcher encourages prescribing high-strength products such as 80-mg oxycodone and 30-mg hydromorphone capsules, which are sold by the company that pays them.

Drs Hatcher and Gallagher incorrectly claim that the guideline recommendations about opioid dosing below 50 and 90 morphine milligram equivalents per day were “based on a poster presentation (not a published paper).”¹ The guideline cites more than 20 published studies in support of these recommendations.¹²⁻³⁴ The US Centers for Disease Control and Prevention makes the same dosing recommendations.³⁵⁻³⁷ The available benefit and risk data do not support prescribing products that provide 240 or 300 morphine milligram equivalents per day, such as the ones sold by Purdue Pharma.

Drs Gallagher and Hatcher also fail to acknowledge that reducing prescribing as recommended in the guideline can save lives and reduce suffering. They envision no benefits from the guideline but imaginations run wild when dreaming up harms such as “more than half our population”¹ being denied opioids and people receiving euthanasia *because of the guideline recommendations*.¹

Rather than concocting outlandish misapplications of the guideline by clinicians and regulators, my colleagues should have considered why society wants to curb inappropriate opioid prescribing. The federal opioid strategy predated the guideline: “The growing number of overdoses and deaths caused by opioids ... is a national public health crisis.”³⁸

When the opioid crisis is over, we will wonder why it took so long to reduce opioid prescribing. For now, 2 doctors who received funding from a company that misled doctors about opioids can prominently disparage a guideline that recommends only modest prescribing reductions for chronic noncancer pain. 

Dr Persaud is Assistant Professor in the Department of Family and Community Medicine at the University of Toronto in Ontario, a staff physician in the Department of Family and Community Medicine at St Michael's Hospital in Toronto, and a scientist in the Centre for Urban Health Solutions of the Li Ka Shing Knowledge Institute at St Michael's Hospital.

Competing interests

Dr Persaud was a member of the voting guideline panel for *The 2017 Canadian Guideline for Opioids for Chronic Non-Cancer Pain*. He conducts research funded by the Canadian Institutes of Health Research, Health Canada, the Ontario SPOR Support Unit, and the Government of Ontario. He is also an Associate Editor for *CMAJ*. He was previously funded by a Physician Services Incorporated Graham Farquharson Knowledge Translation Fellowship.

Correspondence

Dr Nav Persaud; e-mail nav.persaud@utoronto.ca

References

- Gallagher R, Hatcher L. Will the new opioid guidelines harm more people than they help? Yes [Debate]. *Can Fam Physician* 2018;64:101-2 (Eng), 105-7 (Fr).
- Apparent opioid-related deaths. Ottawa, ON: Government of Canada; 2017. Available from: www.canada.ca/en/health-canada/services/substance-abuse/prescription-drug-abuse/opioids/apparent-opioid-related-deaths.html. Accessed 2018 Jan 4.
- Dhalla IA, Mamdani MM, Sivilotti MLA, Kopp A, Qureshi O, Juurlink DN. Prescribing of opioid analgesics and related mortality before and after the introduction of long-acting oxycodone. *CMAJ* 2009;181(12):891-6.
- Rudd RA, Aleshire N, Zibbell JE, Gladden RM. Increases in drug and opioid overdose deaths—United States, 2000-2014. *MMWR Morb Mortal Wkly Rep* 2016;64(50-51):1378-82.
- Meier B. Pain killer. A “wonder” drug’s trail of addiction and death. Emmaus, PA: Rodale Inc; 2003.
- District Court for the Western District of Virginia. *United States of America v The Purdue Frederick Company, Inc. Agreed statement of facts*. Abingdon, VA: District Court for the Western District of Virginia Abingdon Division; 2007. Available from: <http://i.bnet.com/blogs/purdue-agreed-facts.pdf>. Accessed 2017 Oct 20.
- Van Zee A. The promotion and marketing of OxyContin: commercial triumph, public health tragedy. *Am J Public Health* 2009;99(2):221-7. Epub 2008 Sep 17.
- Gounder C. Who is responsible for the pain-pill epidemic? *The New Yorker* 2013 Nov 8. Available from: www.newyorker.com/business/currency/who-is-responsible-for-the-pain-pill-epidemic. Accessed 2018 Jan 16.
- Keefe PR. The family that built an empire of pain. The Sackler dynasty’s ruthless marketing of painkillers has generated billions of dollars—and millions of addicts. *The New Yorker* 2017 Oct 30. Available from: www.newyorker.com/magazine/2017/10/30/the-family-that-built-an-empire-of-pain. Accessed 2018 Jan 16.
- Blackwell T. The selling of OxyContin. The story of ‘probably the most successful [drug] marketing campaign in history’, and what came after. *National Post* 2011 Nov 12. Available from: <http://nationalpost.com/news/canada/the-selling-of-oxycontin>. Accessed 2018 Jan 16.
- Goldman B. I was part of Big Pharma’s big influence. *The Globe and Mail* 2012 Sep 6. Available from: www.theglobeandmail.com/opinion/i-was-part-of-big-pharmas-big-influence/article535295/. Accessed 2018 Jan 16.
- Dapoigny M, Abitbol JL, Fraïtag B. Efficacy of peripheral kappa agonist fedotozine versus placebo in treatment of irritable bowel syndrome. A multicenter dose-response study. *Dig Dis Sci* 1995;40(10):2244-9.
- Cowan DT, Wilson-Barnett J, Griffiths P, Allan LG. A survey of chronic noncancer pain patients prescribed opioid analgesics. *Pain Med* 2003;4(4):340-51.
- Manchikanti L, Pampati V, Damron KS, Beyer CD, Barnhill RC, Fellows B. Prevalence of prescription drug abuse and dependency in patients with chronic pain in western Kentucky. *J Ky Med Assoc* 2003;101(11):511-7.
- Adams EH, Breiner S, Cicero TJ, Geller A, Inciardi JA, Schnoll SH, et al. A comparison of the abuse liability of tramadol, NSAIDs, and hydrocodone in patients with chronic pain. *J Pain Symptom Manage* 2006;31(5):465-76.
- Gana TJ, Pascual ML, Fleming RR, Schein JR, Janagap CC, Xiang J, et al. Extended-release tramadol in the treatment of osteoarthritis: a multicenter, randomized, double-blind, placebo-controlled clinical trial. *Curr Med Res Opin* 2006;22(7):1391-401.
- Edlund MJ, Sullivan M, Steffick D, Harris KM, Wells KB. Do users of regularly prescribed opioids have higher rates of substance use problems than nonusers? *Pain Med* 2007;8(8):647-56.
- Fleming MF, Davis J, Passik SD. Reported lifetime aberrant drug-taking behaviors are predictive of current substance use and mental health problems in primary care patients. *Pain Med* 2008;9(8):1098-106. Epub 2008 Aug 18.
- Mangel AW, Bornstein JD, Hamm LR, Buda J, Wang J, Irish W, et al. Clinical trial: asimadoline in the treatment of patients with irritable bowel syndrome. *Aliment Pharmacol Ther* 2008;28(2):239-49. Epub 2008 May 7.
- Vorsanger GJ, Xiang J, Gana TJ, Pascual ML, Fleming RR. Extended-release tramadol (tramadol ER) in the treatment of chronic low back pain. *J Opioid Manag* 2008;4(2):87-97.

21. Banta-Green CJ, Merrill JO, Doyle SR, Boudreau DM, Calsyn DA. Opioid use behaviors, mental health and pain—development of a typology of chronic pain patients. *Drug Alcohol Depend* 2009;104(1-2):34-42. Epub 2009 May 26.
22. Dunn KM, Saunders KW, Rutter CM, Banta-Green CJ, Merrill JO, Sullivan MD, et al. Opioid prescriptions for chronic pain and overdose: a cohort study. *Ann Intern Med* 2010;152(2):85-92.
23. Højsted J, Nielsen PR, Guldstrand SK, Frich L, Sjøgren P. Classification and identification of opioid addiction in chronic pain patients. *Eur J Pain* 2010;14(10):1014-20. Epub 2010 May 21.
24. Schneider JP, Kirsh KL. Defining clinical issues around tolerance, hyperalgesia, and addiction: a quantitative and qualitative outcome study of long-term opioid dosing in a chronic pain practice. *J Opioid Manag* 2010;6(6):385-95.
25. Ghate S, Haroutiunian S, Winslow R, McAdam-Marx C. Cost and comorbidities associated with opioid abuse in managed care and Medicaid patients in the United States: a comparison of two recently published studies. *J Pain Palliat Care Pharmacother* 2010;24(3):251-8.
26. Passik SD, Messina J, Golsorkhi A, Xie F. Aberrant drug-related behavior observed during clinical studies involving patients taking chronic opioid therapy for persistent pain and fentanyl buccal tablet for breakthrough pain. *J Pain Symptom Manage* 2011;41(1):116-25. Epub 2010 Jul 1.
27. DeLemos BP, Xiang J, Benson C, Gana TJ, Pascual ML, Rosanna R, et al. Tramadol hydrochloride extended-release once-daily in the treatment of osteoarthritis of the knee and/or hip: a double-blind, randomized, dose-ranging trial. *Am J Ther* 2011;18(3):216-26.
28. White AG, Birnbaum HG, Schiller M, Waldman T, Cleveland JM, Roland CL. Economic impact of opioid abuse, dependence, and misuse. *Am J Pharm Benefits* 2011;3(3):e59-70.
29. Rauck R, Rapoport R, Thippahawong J. Results of a double-blind, placebo-controlled, fixed-dose assessment of once-daily OROS hydromorphone ER in patients with moderate to severe pain associated with chronic osteoarthritis. *Pain Pract* 2013;13(1):18-29.
30. Han B, Compton WM, Jones CM, Cai R. Nonmedical prescription opioid use and use disorders among adults aged 18 through 64 years in the United States, 2003-2013. *JAMA* 2015;314(14):1468-78.
31. Kaplovitch E, Gomes T, Camacho X, Dhalla I, Mamdani M, Juurlink D. Sex differences in dose escalation and overdose death during chronic opioid therapy: a population-based cohort study. *PLoS One* 2015;10(8):e0134550.
32. Shei A, Hirst M, Kirson NY, Enloe CJ, Birnbaum HG, Dunlop WC. Estimating the health care burden of prescription opioid abuse in five European countries. *Clinicoecon Outcomes Res* 2015;7:477-88.
33. Reimer M, Hüllemann P, Hukauf M, Keller T, Binder A, Giethmühlen J, et al. Prediction of response to tapentadol in chronic low back pain. *Eur J Pain* 2017;21(2):322-33. Epub 2016 Aug 11.
34. Finkelstein Y, Macdonald EM, Gonzalez A, Sivilotti MLA, Mamdani MM, Juurlink DN. Overdose risk in young children of women prescribed opioids. *Pediatrics* 2017;139(3):e20162887. Epub 2017 Feb 20.
35. Chou R, Deyo R, Devine B, Hansen R, Sullivan S, Jarvik JG, et al. *The effectiveness and risks of long-term opioid treatment of chronic pain*. Rockville, MD: Agency for Healthcare Research and Quality; 2014.
36. Dowell D, Haegerich TM, Chou R. CDC guideline for prescribing opioids for chronic pain - United States, 2016. *MMWR Recomm Rep* 2016;65(1):1-49. Erratum in: *MMWR Recomm Rep* 2016;65(11):295.
37. Bohnert ASB, Logan JE, Ganoczy D, Dowell D. A detailed exploration into the association of prescribed opioid dosage and overdose deaths among patients with chronic pain. *Med Care* 2016;54(5):435-41.
38. Government of Canada [website]. *Federal action on opioids*. Ottawa, ON: Government of Canada; 2017. Available from: www.canada.ca/en/health-canada/services/substance-abuse/prescription-drug-abuse/opioids/federal-actions.html. Accessed 2018 Jan 8.

La traduction en français de cet article se trouve à www.cfp.ca dans la table des matières du numéro de février 2018 à la page e62.

These rebuttals are responses from the authors of the debates in the February issue (*Can Fam Physician* 2018;64:101-4 [Eng], 105-9 [Fr]).