Medications, Medicating, and Medicated—When, Where, and How—Opioids and Others

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Medication therapy emerged as a theme for this issue—from many perspectives and for different conditions. We have several articles on opioids, including for pain/noncancer pain; use by older drivers and their reported driving; and the advantages of family medicine treatment sites. A related article explores chronic widespread pain and concurrent low back pain. In addition, this issue covers the gamut of prescribing inappropriate medications for older individuals and prescribing antibiotics when a CT scan of the abdomen would not have found an indication for such treatment. Other included topics include social complexity and impact on primary care physician income. (J Am Board Fam Med 2020;33:489–490.)

More on Opioid Medication and Pain

Patients needing opioid use disorder treatment value accessibility and confidentiality, which makes family medicine a most attractive treatment venue.¹ Multiple other positives were also noted by the patients. Stack and colleagues² provide detailed information on their successful rural family practice intervention to reduce opioid dose levels by patient with chronic noncancer pain. They provide details of their plan, and repeated a successful similar intervention in a second practice. In addition, readers may benefit from the experiences and suggestions from the offices that participated in the qualitative study by Brooke and Tong³ across 30 practices subsequent to Virginia's initiation of a new benefit for outpatient medication assisted therapy.

Of course, avoidance of narcotics is preferable. A small (but concerning) minority of older adults (ages 65 to 79 years) self-report concurrent opioid medication use and driving, and some also admit to impaired driving and self-regulated driving reductions.⁴ Scary. Interestingly, these driving concerns were in those who also reported more significant medical conditions. There is little evidence base for clinical decision support systems for the use of narcotics for chronic noncancer pain.⁵ Hopefully 1 or more *JABFM* readers will take up this research challenge.

Licciardone and Pandya⁶ put words to a phenomenon that family physicians will recognize: many patients with chronic low back pain also have intermittent or chronic widespread pain, sometimes with concurrent catastrophizing. These data come from a patient registry, three fourths of whom were women.

More on Prescribing

In a large health plan population, patients with irritable bowel syndrome were substantially more likely than others to be diagnosed with diverticulitis and treated with antibiotics without undergoing a CT scan, suggesting overdiagnosis.⁷ One takeaway could be to consider a CT scan *before* deciding antibiotics are the best choice.

Using data from Medicare Part D, Jabbarpour et al⁸ found that the rate of potentially inappropriate medication prescribing for older patients by primary care physicians ranged from about 1% (bottom quartile) to 10% (top quartile). Gender and specialty of the physician were significant associations with rates of prescribing less appropriate medication.

Nonindicated Vitamin D testing can lead to a cascade of (expensive) testing and/or prescriptions, with unclear results,⁹ and that analysis did not include new intake of over-the-counter Vitamin D. We recommend readers look at their thought-provoking Figure 1 as it visually captures the cascade that occurred over the 2-year study period.

Increasing Access

Relative to those with employer-sponsored health insurance, adults with Medicaid insurance perceived more discrimination due to race of skin color (regardless of their own race).¹⁰

Conflict of Interest: The authors are editors of the JABFM.

The rate of HPV vaccination for men has gradually been increasing but is far from ideal. Primary care physicians and regular checkups are particularly important to further improving uptake.¹¹

Venkataramani et al¹² suggest considering a new way to promote postdelivery follow-up care for women with gestational diabetes. Family physicians are familiar with using the infant's visit to check on the mother's followup, but many babies see pediatricians. However, many mothers interact regularly with social services WIC (Special Supplemental Nutrition Program for Women, Infants, and Children) and Headstart, thus suggesting new places to increase screening.

Cotrell et al¹³ quantify an interaction that is understood clinically, but underrecognized by current care reimbursement systems that rely on quality measurements. Namely, poor control of diabetes is substantially associated with social complexity. If this relationship was adequately taken into account, some physicians would have better quality scores, and higher reimbursement.

Covering yet more territory of classic family medicine, this issue includes a clinical review of atopic dermatitis.¹⁴ And, as typical, this article likely includes at least 1 or more facts that the practicing family physician may not have considered or recognized previously. For M Bowman (author), it was particularly the newer medications used for severe atopic dermatitis (Table 2).

In what areas do you think small practices excel? Parchman et al¹⁵ studied reporting quality measures by primary care practices with and without central support and found that small practices do well at quality improvement reporting. Family physicians are increasingly working with multiple types of nonphysician providers, indicating more "team provision" of care.¹⁶

To see this article online, please go to: http://jabfm.org/content/ 33/489.full.

References

- Kane C, Leiner C, Harless C, Foley KA, Fagan EB, Wilson CG. The value of treating opioid use disorder in family medicine: from the patient perspective. J Am Board Fam Med 2020;33:611–615.
- Stack M, LaRouche V, Zhang Y, Warden D, Stack C, Klugiene EA. Effects of implementing a comprehensive opioid reduction protocol on overall opioid prescribing among patients with chronic, non-cancer pain in a rural family medicine clinic: a controlled crossover trial. J Am Board Fam Med 2020;33:502–511.

- Brooks EM, Tong S. Implementing office-based opioid treatment models in primary care. J Am Board Fam Med 2020;33:512–520.
- Betz ME, Hyde H, DiGuiseppi C, et al. Selfreported opioid use and driving outcomes among older adults: the AAA LongROAD study. J Am Board Fam Med 2020;33:521–528.
- Spithoff S, Mathieson S, Sullivan F, Guan Q, Sud A, Hum S, O'Brien MA. Clinical decision support systems for opioid prescribing for chronic non-cancer pain in primary care: a scoping review. J Am Board Fam Med 2020;33:529–540.
- Licciardone JC, Pandya V. Prevalence and impact of comorbid widespread pain in adults with chronic low back pain: a registry-based study. J Am Board Fam Med 2020;33:541–548.
- Longstreth GF, Wong C, Chen Q. Misdiagnosis of diverticulitis after a prior diagnosis of irritable bowel syndrome (IBS). J Am Board Fam Med 2020;33:549–560.
- 8. Jayaweera A, Chung Y, Jabbarpour Y. Primary care physician characteristics associated with prescribing potentially inappropriate medication in elderly patients: Medicare Part D data. J Am Board Fam Med 2020;33:561–568.
- Rockwell MS, Wu YX, Salamoun M, Hulver MW, Epling JW. Patterns of clinical care subsequent to non-indicated vitamin D testing in primary care. J Am Board Fam Med 2020;33:569–579.
- Alcalá HE, Ng AE, Gayen S, Ortega AN. Insurance types, usual sources of health care, and perceived discrimination. J Am Board Fam Med 2020;33:580–591.
- 11. Guo Y, Bowling J. Human papillomavirus (HPV) vaccination initiation and completion among adult males in the United States. J Am Board Fam Med 2020;33:592–599.
- 12. Venkataramani M, Cheng TL, Yeh H-C, Bennett WL, Maruthur NM. Family-oriented social service touchpoints as opportunities to enhance diabetes screening following a history of gestational diabetes. J Am Board Fam Med 2020;33:616–619.
- Cottrell EK, O'Malley JP, Dambrun K, et al. The impact of social and clinical complexity on diabetes control measures. J Am Board Fam Med 2020;33: 600–610.
- Fleming P, Yang YB, Lynde C, O'Neill B, Lee KO. Diagnosis and management of atopic dermatitis for primary care providers. J Am Board Fam Med 2020;33:626–635.
- Parchman ML, Anderson ML, Penfold RB, Kuo E, Dorr DA. The ability of practices to report clinical quality measures: more evidence of the size paradox? J Am Board Fam Med 2020;33:620–625.
- Jabbarpour Y, Jetty A, Dai M, Magill M, Bazemore A. The evolving family medicine team. J Am Board Fam Med 2020;33:499–501.