## LEGISLATIVE BRIEFING Acupuncture for chronic pain in Vermont– policy lags evidence, hindering response to opioid crisis.

**THE PROBLEM:** Chronic pain affects 11 to 40% of the US population<sup>1,2,3,4</sup> at a cost of more than \$560 billion annually.<sup>5,6</sup> It affects a person's psychological and emotional health, ability to work, and social function.<sup>7,8</sup> It has been linked to premature death<sup>9</sup> and increased risk of suicide.<sup>10, 11</sup>

**FROM BAD TO WORSE:** The opioid crisis emerged from an attempt to treat chronic pain, however opioid use has escalated into an epidemic of addiction and death.

**THE NEED:** Physicians and patients need effective and safe strategies for managing chronic pain. By increasing the availability of safe, effective non-pharmacologic treatments for chronic pain, including acupuncture, patients will have access to an effective and safe therapy and patient exposure to opioids will be reduced.

POLICY LAGS EVIDENCE: A variety of organizations and agencies have substantiated the effectiveness and safety of acupuncture and endorsed its use: the American College of Physicians (ACP) Clinical Practice Guideline recommends acupuncture for acute, subacute and chronic low back pain (cLBP).<sup>12,13</sup> The US Department of Health and Human Services Agency for Healthcare Research and Quality (AHRQ) concluded that acupuncture is effective for cLBP compared to placebo, sham, no treatment, usual care, or wait list controls.<sup>14</sup> The US National Institutes of Health recommends acupuncture for low back pain and for knee osteoarthritis.<sup>15</sup> The *FDA Education Blueprint For Health care Providers Involved In The Management or Support of Patients with Pain* suggests acupuncture among a range of available therapies as part of a multidisciplinary approach to pain management.<sup>16</sup> The state of Vermont's opioid prescribing guidelines name acupuncture as a therapy that should be considered for pain management.<sup>17</sup> The VT DVHA study provided evidence that "Vermont patients who self-select acupuncture for the treatment of their chronic pain would benefit physically, functionally, psycho-emotionally and occupationally."<sup>18</sup> Despite this evidence, Vermont still lacks an acupuncture benefit under Medicaid or under most commercial insurance policies.

**AVOIDING PERVERSE INCENTIVES:** Guidelines and recommendations have been issued in support of acupuncture, Vermont physicians are making acupuncture referrals, the UVMMC Complex Pain Center is including acupuncture in it's new clinic, but Vermont payers are not required to reimburse for acupuncture. (Some self-insured plans have opted to cover acupuncture including: state of VT employees, UVMMC employees, Work Comp cases). The National Association of Attorneys General sent a letter signed by 36 state attorneys general to America's Health Insurance Plans (AHIP) urging AHIP to "encourage your members to review their payment and coverage policies and revise them, as necessary and appropriate, to

encourage healthcare providers to prioritize non-opioid pain management options over opioid prescriptions for the treatment of chronic, non-cancer pain."<sup>19</sup> Acupuncture was explicitly mentioned. The 2016 US Health and Human Services National Pain Strategy (NPS) noted that the structure of insurance payment and coverage policies "exert powerful effects on how pain is managed," noting that financial incentives lead consumers to "gravitate to prescription drugs over complementary or alternative treatments, creating risks for subsequent problems with opioid dependency."<sup>20</sup>

## **RECOMMENDATIONS:**

- 1. The State of Ohio Medicaid program recently started covering acupuncture for migraines and low back pain. Vermont lawmakers should consider acupuncture coverage for chronic pain for our Medicaid population, improving access to a safe and effective pain management tool.
- 2. Last year BCBS of VT told the Senate Health & Welfare Committee that they were seriously considering adding an acupuncture benefit. There have not been any changes in coverage in the ensuing 10 months. Vermont lawmakers should urge our commercial insurers to voluntarily cover acupuncture treatment. Alternately, lawmakers could mandate insurance coverage of acupuncture for pain.

## REFERENCES

1. Johannes C, et al. The Prevalence of Chronic Pain in United States Adults: Results of an Internet-Based Survey. J Pain. 2010 November; 11(11): 1230–1239.

2. Portenoy RK, et al. Population-based survey of pain in the United States: differences among white, African American, and Hispanic subjects. J Pain. 2004 Aug; 5(6): 317-28.

3. Peter Croft, Fiona M. Blyth, Danielle van der Windt. Chronic Pain Epidemiology: From Aetiology to Public Health. 2010.

4. Nahin, R. 2015 Estimates of Pain Prevalence and Severity in Adults: United States 2012. The Journal of Pain: 16(8):769-780.

5. Gaskin DJ, Richard P. The economic costs of pain in the United States. J Pain. 2012 Aug; 13(8): 715-24. These cost estimates were based on the U.S. adult non-institutionalized civilian population and, therefore, exclude children, prisoners, people in nursing homes or other institutional settings, and the military.

6. 2008 Medical Expenditure Panel Survey, AHRQ <a href="http://meps.ahrq.gov/mepsweb/data\_files/publications/st342/stat342.pdf">http://meps.ahrq.gov/mepsweb/data\_files/publications/st342/stat342.pdf</a>.

7. Stewart WF, Lipton RB, Simon D, Von Korff M, Liberman J, 1998 Reliability of an illness severity measure for headache in a population sample of migraine sufferers. Cephalalgia. 1998;18(1):44-51

8. Breivik H, Collett B, Ventafridda V, Cohen R, Gallacher D. 2006 Survey of chronic pain in Europe: prevalence, impact on daily life, and treatment. Eur J Pain:10(4):287-333.

9. Jansson, C\*., Mittendorfer-Rutz, E.; Alexanderson, K. 2012 Sickness absence because of musculoskeletal diagnoses and risk of all-cause and cause-specific mortality: A nationwide Swedish cohort study. Pain 153(5), May 2012, p 998–1005.

10. Tang, N. K., and C. Crane. 2006. Suicidality in chronic pain: A review of the prevalence, risk factors and psychological links. Psychological Medicine 36(5):575-586.

11. Fishbain, D. A., Lewis, J. E. and Gao, J. (2014), The Pain Suicidality Association: A Narrative Review. Pain Medicine, 15: 1835–1849. doi: 10.1111/pme.12463

12 Qaseem A, Wilt TJ, McLean RM, Forciea M, for the Clinical Guidelines Committee of the American College of P. Noninvasive treatments for acute, subacute, and chronic low back pain: A clinical practice guideline from the American College of Physicians. *Ann of Intern Med.* 2017.

13 Chou R, Deyo R, Friedly J, et al. Nonpharmacologic Therapies for Low Back Pain: A Systematic Review for an American College of Physicians Clinical Practice Guideline. *Ann Intern Med.* 2017

14 Chou R, Deyo R, Friedly J, Skelly A, Hashimoto R, Weimer M, et al. Noninvasive Treatments for Low Back Pain Agency for Healthcare Research and Quality (US) (AHRQ) Comparative Effectiveness Reviews. 2016;Number 169(Report No.: 16-EHC004-EF).

15 Nahin RL, Boineau R, Khalsa PS, Stussman BJ, Weber WJ. Evidence-Based Evaluation of Complementary Health Approaches for Pain Management in the United States. Mayo Clinic proceedings. 2016;91(9):1292-306.

16. U.S. Food and Drug Administration. FDA education blueprint for health care providers involved in the management or support of patients with pain (May 2017).

17. <u>http://www.healthvermont.gov/sites/default/files/documents/pdf/REG\_opioids-prescribing-for-pain.pdf</u>

**18**. <u>https://legislature.vermont.gov/assets/Legislative-Reports/DVHA-Acupuncture-Pilot-Outcomes-Report-FINAL.pdf</u>

19. http://www.naag.org/assets/redesign/files/sign-onletter/Final%20NAAG%20Opioid%20Letter%20to%20AHIP.pdf

20. National Pain Strategy: A comprehensive population-health level strategy for pain. pp. 34. <u>https://iprcc.nih.gov/sites/default/files/HHSNational\_Pain\_Strategy\_508C.pdf</u>