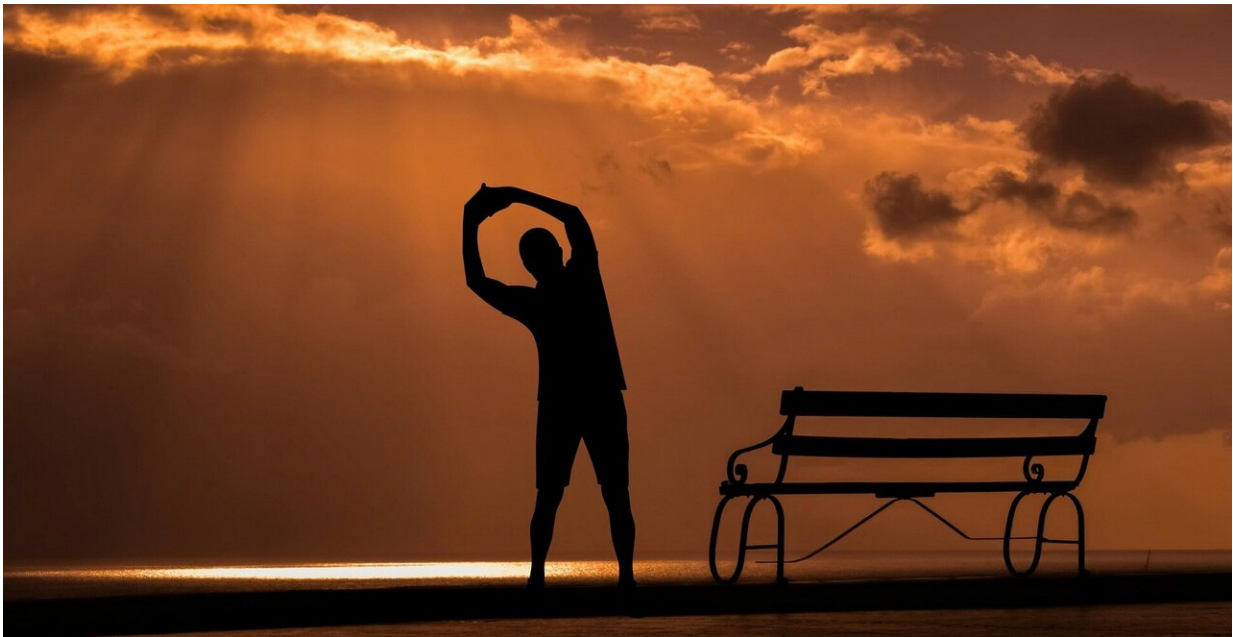


Team finds physical therapy access may reduce opioid prescriptions

September 30 2019



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Patients who first saw a physical therapist or chiropractor for low back pain, rather than a primary care physician, were much less likely to be prescribed opioids.

Low back [pain](#) is one of the most common conditions Americans seek care for—and one of the more common reasons for an [opioid prescription](#). Facing the opioid crisis, the American College of

Physicians and the CDC now recommend first trying non-pharmacological treatments for [low back pain](#).

A new Boston University School of Public Health (BUSPH) study published in *BMJ Open* finds that patients who first saw a [primary care physician](#) (PCP) for low back pain were 79 percent more likely to use prescription opioids than patients who first went to a chiropractor, and 71 percent more likely than those who first went to a physical therapist.

"To reduce the risks of short- and long-term opioid use, insurers should incentivize patients to see [physical therapists](#) or chiropractors first or early on following a bout of low back pain, before seeing PCPs," says study lead author Dr. Lewis Kazis, professor of health law, policy & management at BUSPH.

Kazis and his colleagues looked at commercial insurance and Medicare Advantage claims data from the OptumLabs database for 216,504 adults across the country who were diagnosed with new-onset low back pain between 2008 and 2013 and had not been prescribed opioids before.

Many factors could cause someone to decide to access non-pharmacological treatments, including the severity of their pain and other medical issues, and their ability to access such treatments. In their analysis, the researchers controlled for as many socio-demographic, geographical, and medical history factors as they could get from the insurance claims data.

The researchers also found that patients in states with provisional or unrestricted access to physical therapy were much more likely to see a physical therapist first than patients in states with limited [physical therapy](#) access, illustrating the impact of state-level policy regulations on opioid prescribing.

More information: Lewis E Kazis et al, Observational retrospective study of the association of initial healthcare provider for new-onset low back pain with early and long-term opioid use, *BMJ Open* (2019). [DOI: 10.1136/bmjopen-2018-028633](https://doi.org/10.1136/bmjopen-2018-028633)

Provided by Boston University School of Medicine

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