

# LGBTQ awareness lacking among American neurologists, new survey finds

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A first-of-its-kind survey of American neurologists reveals that more than half carry the mistaken belief that a patient's sexual orientation and gender identity have no bearing on treatment of neurologic illness.

That belief can have damaging repercussions for patients seeking care, according to a study published today in the journal *Neurology*.

"Many neurologists are not aware that gender-affirming care can directly impact neurologic health," said Holly Hinson, M.D., M.C.R., an associate professor of neurology in the OHSU School of Medicine.

Hinson, who is leading the American Academy of Neurology initiatives to improve [medical care](#) for LGBTQI patients, co-authored the research paper that accompanied the [survey results](#). The survey was distributed to a random, representative sample of 1,000 U.S.-based members of the AAN, resulting in a total of 135 responses.

Sexual and gender minority, or SGM, individuals have been shown to have persistent disparities in [health care](#), researchers write, including twice the mortality rate compared to heterosexuals.

"SGM status can have a direct bearing on diagnosis and treatment, even within a non-primary care specialty like neurology," the authors wrote. "Unfortunately, many [medical professionals](#) receive little to no training in SGM health, which could lead to substandard care due to lack of knowledge."

About 36% of survey respondents agreed that they would tailor their neurologic care based on a patient's [sexual orientation](#) or gender identity. More than half the respondents were interested in receiving further training in culturally appropriate care.

A lack of awareness can be problematic for neurologic patients in a variety of ways, with the study citing several examples:

- Antiretroviral medications such as preexposure prophylaxis (PrEP), increasingly prescribed to gay men, can be associated with neuropathy.
- Poor understanding of SGM identity can lead to discrimination within long-term care facilities during neurorehabilitation.
- Gender-affirming hormones can interact with other important medications, for example, anti-epileptic therapy used to seizures.

Notably, it is the first survey of any physician group to ask the sexual and [gender identity](#) of the physicians themselves: about 88% identified as heterosexual or straight. Some of the providers who identify as sexual or gender minorities reported their own fear of discrimination in the workplace.

"Providers themselves are not immune to stigma and burnout," Hinson said.

**More information:** Nicole Rosendale et al, American Academy of Neurology members' preparedness to treat sexual and gender minorities, *Neurology* (2019). [DOI: 10.1212/WNL.00000000000007829](https://doi.org/10.1212/WNL.00000000000007829)

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