

Misinterpretation of WHI results decreased use of hormones, even in women not at risk

January 9 2019

Few studies have been as responsible for changing the course of treatment of menopause symptoms to the extent that the Women's Health Initiative (WHI) did. The number of women taking hormones dramatically dropped as a result of the study, leaving many women to needlessly abandon a treatment that offered symptomatic relief. That's according to a new study published online in *Menopause*, the journal of The North American Menopause Society (NAMS).

In the aftermath of the 2002 WHI announcement that estrogen-progestin therapy was being halted prematurely because of safety concerns, the prevalence of prescription [hormone therapy](#) (HT) declined immediately and still today is lower than pre-WHI levels. According to a new study that analyzed more than 17 years of data from the 3,018 participants in the Study of Women's Health Across the Nation (SWAN), HT initiation dropped from 8.6% pre-WHI to 2.8% post-WHI. Similarly, the corresponding decrease in HT continuation was 84.0% to 62.0%.

Such decreases occurred across a wide range of participant subgroups, including [younger women](#) and those with more vasomotor symptoms (VMS) for whom HT provided the greatest relief with the least amount of risk. Hormone therapy use recommendations have been modified since 2002 as a result of greater education and the realization that some of the WHI results were misinterpreted as applying to all [women](#). Today's guidelines allow for greater flexibility to reinforce the benefits of individualized treatment based on the age of the woman and the number of years since [menopause](#).

Although this new study is not the first to document the decline in HT use as a result of the initial WHI findings, it differs by distinguishing between the declines in initiation versus continuation. It also is one of the only known studies to document reasons for discontinuation, concluding that many symptomatic women forego HT because of concerns about study findings that are not truly applicable to them. This specific group includes women aged in their 50s when VMS symptoms, such as hot flashes, are most prevalent, but the risks of HT are lower.

Study results appear in the article "Menopausal [hormone](#) therapy trends before versus after 2002: impact of the Women's Health Initiative Study Results."

"Further analysis of the WHI has shown hormone therapy to be safe and effective for menopausal women who have bothersome hot flashes, night sweats, or sleep disruption if they start hormone therapy while aged younger than 60 or within 10 years of menopause," says Dr. JoAnn Pinkerton, NAMS executive director. "Unfortunately, fear continues to keep symptomatic women from being offered, or using, [hormone therapy](#)."

Provided by The North American Menopause Society

Citation: Misinterpretation of WHI results decreased use of hormones, even in women not at risk (2019, January 9) retrieved 24 April 2024 from <https://medicalxpress.com/news/2019-01-misinterpretation-whi-results-decreased-hormones.html>

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