### What to Do About Vaginal Odor During Menopause

There's no way around it: Vaginal odor is a sensitive topic that can be hard for many women to talk about. But if you've noticed your usual scent has shifted during or after menopause, you may be wondering what's normal and what isn't.

Here are answers to some of your most common questions about vaginal odor during and after menopause, plus ways to promote overall <u>vaginal health</u> and when to talk about vaginal odor with your healthcare provider.

### What Should the Vagina Smell Like?

You may be asking yourself "how can I make my vagina smell better?" But let's start off discussing how a vagina smells, naturally. The vagina normally has a musky scent. But the truth is, every woman's vaginal odor is unique, and each individual's scent can shift over time and during certain situations, like after having sex. As long as a woman isn't experiencing discomfort, or signs of an <u>infection</u> (think symptoms such as burning, irritation or copious <u>discharge</u>), there is no "right" or "wrong" way for a vagina to smell. A vaginal odor that's stronger than normal could be a sign of infection or another issue but will usually be accompanied by one or more of the symptoms listed above.<sup>1</sup>

### **Vaginal Odor During or After Menopause**

Menopause doesn't directly cause the vagina to have an unpleasant odor. However, hormonal shifts that happen starting in <u>perimenopause</u>, can result in changes to the vagina's normal scent and overall <u>vaginal health</u>.<sup>2</sup> During this time, declining estrogen levels can lead to changes in the <u>vagina's pH</u> and glucose levels.<sup>3</sup> These shifts, which are completely normal, can lead to thinner, <u>drier vaginal tissues</u> and changes in the types of <u>bacteria</u> that populate the vagina. In turn, you may notice several vaginal changes. These can include discomfort, <u>itching</u>, or burning; a change in your typical vaginal discharge, or a slight difference in your vagina's scent.<sup>4,5</sup> Perimenopause and menopause can also put women at higher risk for certain infections, like bacterial vaginosis, that can potentially impact vaginal odor, too.

# What Are the Possible Causes of Vaginal Odor After Menopause?

A number of things can potentially cause vaginal odor to shift. Some factors may be more likely to occur during or after menopause, while others have the potential to impact a woman's vaginal scent at any age. These can include:

Vaginal infections. <u>Bacterial vaginosis</u> – an overgrowth of certain bacteria in the vagina

 is the most common cause of vaginal odor changes and is more likely to occur during
 and after menopause. Sexually transmitted infections like trichomoniasis can affect
 vaginal odor as well.<sup>6</sup>

- If your vaginal scent seems to change when your nerves are frayed, you're not imagining it. The stress hormone cortisol has been shown to cause changes to the natural <u>balance of bacteria</u> in the vagina<sup>7</sup>, which may result in a shift in menopause vaginal odor.
- Strong-smelling foods like garlic or tuna can temporarily cause the vagina to have a stronger odor. Some research has also found a link between high-fat diets and an increased risk for odor-causing infections like bacterial vaginosis. High protein, keto diets may also be linked to a change in vaginal scent.
- Just like underarm sweat, sweat in the genital area can have a strong, musky odor.
   The <u>odor</u> isn't coming from the sweat itself; instead, it's the result of sweat mixing with bacteria that occurs naturally on the skin.<sup>11</sup>
- Foreign objects. A forgotten tampon, condom, or even a bit of toilet paper that
  accidentally gets stuck in the vagina can increase discharge and cause a change in
  menopause vaginal odor.<sup>12</sup>

### **Are There Treatments for Vaginal Odor?**

Many of the habits and remedies that support <u>vaginal health</u> and comfort as a whole during menopause can also help protect your vagina's natural scent and reduce the risk for problems that could lead to atypical menopause vaginal odor. Consider:

- Washing your genital area gently. Wash your vulva with unscented soap and warm water. (Or use warm water alone, especially if you're experiencing burning or discomfort.)<sup>13</sup>
- **Steering clear of scented products.** Deodorizing soaps, sprays, perfumes, or lotions can irritate sensitive vaginal tissue and throw off the vagina's delicate <u>pH balance</u>. Consider unscented products instead.<sup>14</sup>
- **Avoiding douching.** In addition to hormonal changes in vaginal pH during menopause, douching can also disrupt the natural balance of bacteria in the vagina, which can increase the risk for odor-causing infections like bacterial vaginosis.<sup>15</sup>
- **Wearing loose, comfortable clothing**. Tight-fitting pants or underwear are more likely to trap bacteria and moisture, which can increase the risk for infection and an accompanying shift in vaginal odor.<sup>16</sup>
- **Trying a vaginal moisturizing insert.** A <u>hyaluronic acid</u>-based vaginal insert, such as <u>Revaree®</u>, can help maintain vaginal moisture and minimize symptoms of dryness, itching, or irritation when used regularly and as directed.
- **Taking an oral probiotic for vaginal health.** If you struggle with vaginal infections or irritations, consider talking with your healthcare provider about the possible benefits of using a <u>probiotic</u> targeted at supporting vaginal health. A probiotic geared toward vaginal health may help promote a healthy balance of bacteria in the vagina, and in turn, aid in keeping vaginal pH where it should be, potentially preventing menopause vaginal odor.<sup>17</sup>

^Odor data from an open label clinical study



## When Should I Call My Healthcare Provider About Vaginal Odor After Menopause?

A mild, temporary change to your usual vaginal odor that's not accompanied by other symptoms, such as irritation or new discharge, likely isn't cause for concern. However, you should contact your healthcare provider if you notice an unusual odor that isn't easing up, or one that occurs with burning or soreness, abnormal bleeding, unusual discharge, pain while having sex or urinating, or pain in your abdomen or pelvic region. Hese could be signs of an infection or another health problem that needs to be addressed.

#### Resources

- 1. https://www.mayoclinic.org/symptoms/vaginal-odor/basics/when-to-see-doctor/sym-20050664?p=1
- 2. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6008313/
- 3. https://www.webmd.com/healthy-aging/vagina-smell-change-after-50#2
- 4. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6008313/
- 5. https://health.clevelandclinic.org/feminine-odor-problems-what-you-should-know-about-douching/
- 6. https://www.mayoclinic.org/symptoms/vaginal-odor/basics/causes/sym-20050664
- 7. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6008313/
- 8. https://health.clevelandclinic.org/feminine-odor-problems-what-you-should-know-about-douching/
- 9. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7071153/
- 10. https://www.medicalnewstoday.com/articles/keto-crotch#summary
- 11. https://my.clevelandclinic.org/health/symptoms/17865-sweating-and-body-odor
- 12. https://health.clevelandclinic.org/feminine-odor-problems-what-you-should-know-about-douching/
- 13. https://health.clevelandclinic.org/feminine-odor-problems-what-you-should-know-about-douching/
- 14. https://medlineplus.gov/ency/article/000897.htm
- 15. https://health.clevelandclinic.org/feminine-odor-problems-what-you-should-know-about-douching/
- 16. https://medlineplus.gov/ency/article/000897.htm
- 17. https://pubmed.ncbi.nlm.nih.gov/31299136/
- 18. Russo R, Edu A, De Seta F. Arch Gynecol Obstet. 2018; 298(1):139-145.
- 19. https://www.mayoclinic.org/symptoms/vaginal-odor/basics/causes/sym-20050664
- 20. https://www.uptodate.com/contents/vaginal-discharge-in-adult-women-beyond-the-basics