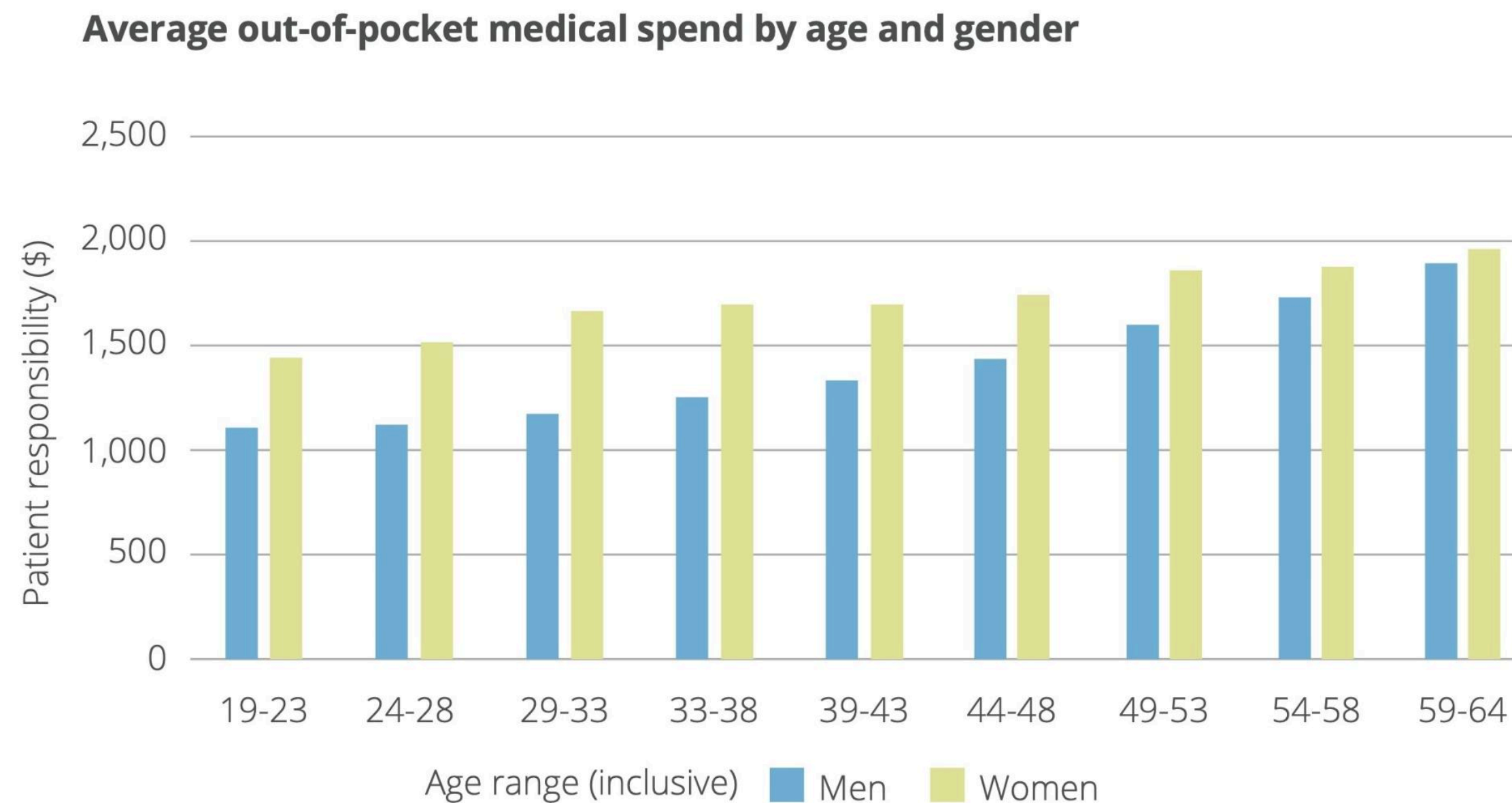




samphire neuroscience

Women-first neurotechnology

Women spend more on health than men across all age groups. 1 in 3 have chronic, unsolved, reproductive health conditions.



The average American woman spends over \$1,500 on out-of-pocket expenses every year (WEF, 2023)

1 in 3 women have at least one health condition associated with their reproductive health, such as dysmenorrhea, PMS, endometriosis, PCOS, PMDD, and uterine fibroids, among others.

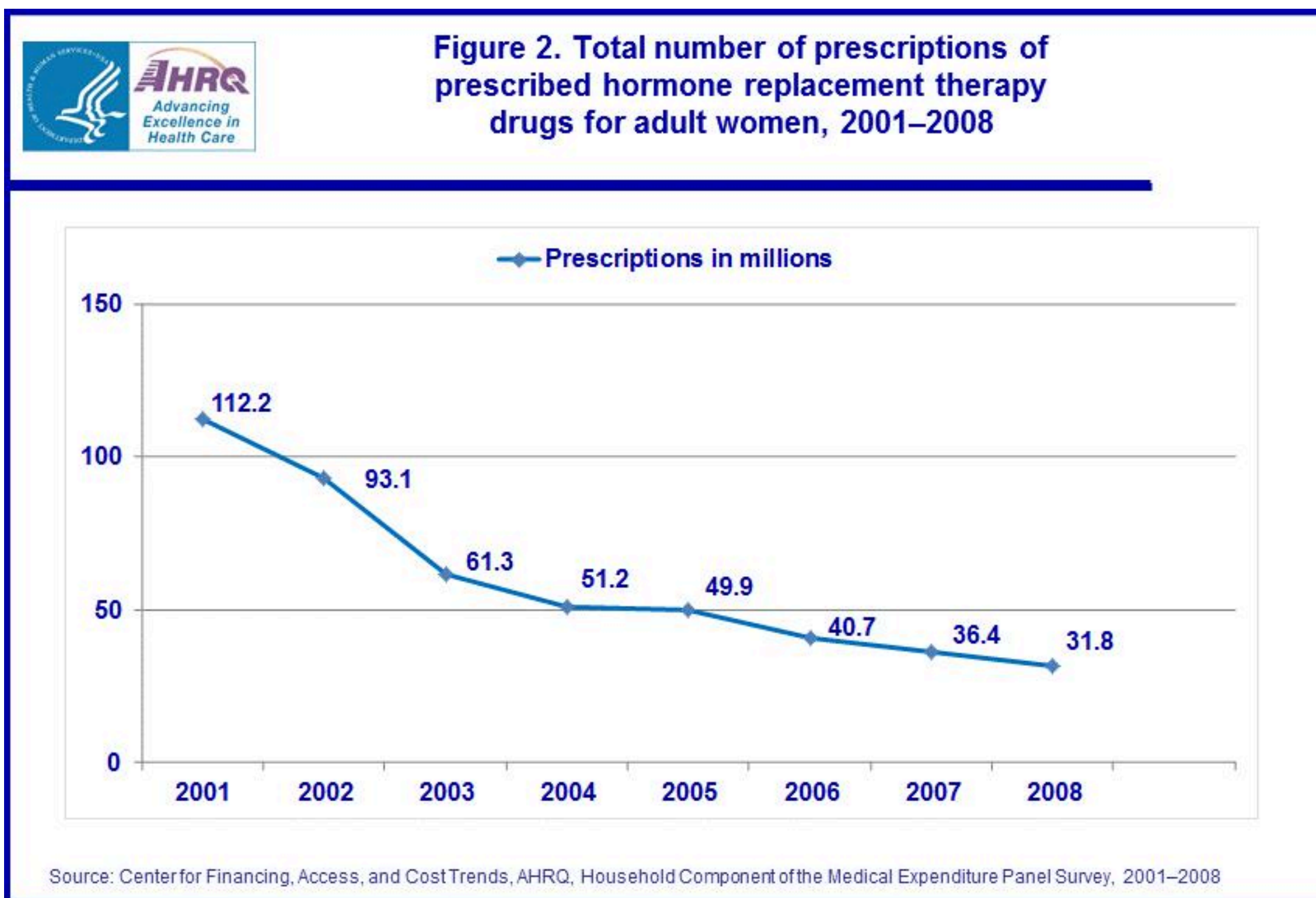
In the UK, over 50% of women report taking at least one day off work due to their period (CIPD, 2023).

A study of more than 30,000 women reported an average productivity decrease of 23 days per woman, per year. This is costing both the UK economy and employers billions every year (Schoep et al., 2018).

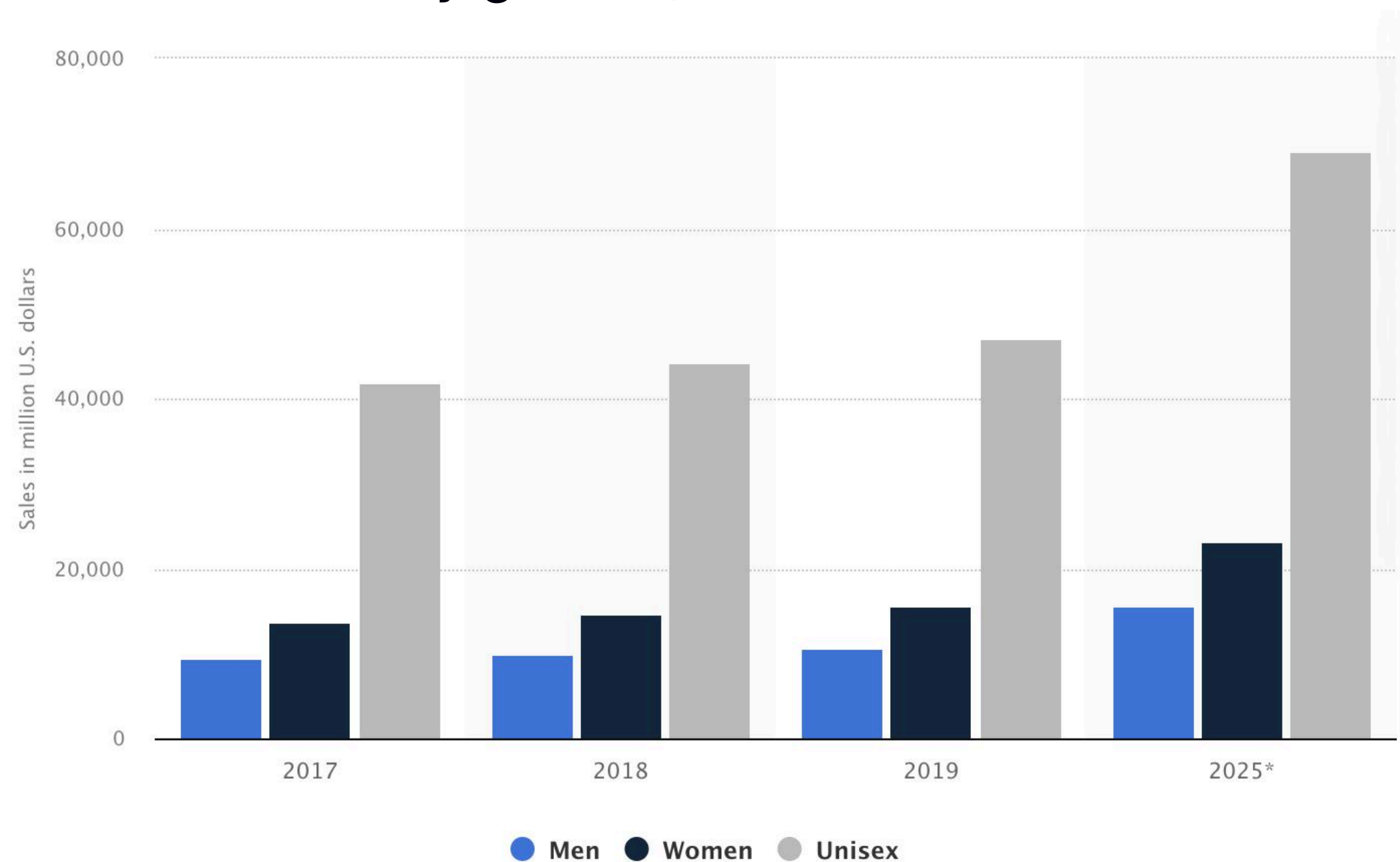
Across all age groups, women consistently pay more than men for healthcare costs not covered under their insurance.

Image: Deloitte

Women are stepping away from drugs and hormones and are seeking more natural, evidence-based, and holistic solutions.



Vitamin sales by gender, in millions of \$



The solution has to be brain-based.

Hormonal changes cause clear, observable and cyclical shifts in brain activity. These shifts can be uniquely targeted by non-invasive neurotechnology (medical hardware) and cognitive neuro therapeutics (software).



Neurotechnology is uniquely suited for chronic or cyclical conditions.

The need to avoid drug-on-drug interactions (from taking multiple medications), as well as accommodate long lead times for effects to occur make drugs a difficult choice for most women's health conditions. Neurotechnology does not suffer from these drawbacks.



Neurotechnology integrates into busy, complex, modern lives.

There's an increasing push for women to have less invasive and hormonal options for managing their chronic health conditions, such as PMS and menstrual pain. Neurotechnology has been used in patients with various conditions without necessitating adjustments to their hormone therapy or other medications.



Neurotechnology benefits from decades of safety and efficacy data.

There are over 30 years of research on non-invasive neurotechnology. Not a single serious adverse event has been reported during that time, and the side effect profile is 2-3x safer than antidepressants, painkillers and hormonal medication.

nettle

The first proprietary and **patented neurotechnology device** on the market for menstrual physical and mental health needs.

Results outperform traditional PMS and menstrual pain treatments in clinical trials, after a single period of using Nettle:

- 72% had clinically significant **pain relief**
- 67% had clinically significant **improvements in PMS-related mood**
- 67% had clinically significant improvements in **functionality**



Class IIa CE-marked medical device, the first medical-grade solution to be approved for both mental and physical symptoms associated with menstruation

Targets two key brain regions via non-invasive brain stimulation

Transforms menstrual cycle health in just 20 minutes a day, 5 days a month

CycleSync™ technology syncs Nettle to users' lives.

Our app provides a neuroscientific lens on our users menstrual cycles. It can be used independently or paired with Nettle.

Cycle Syncing

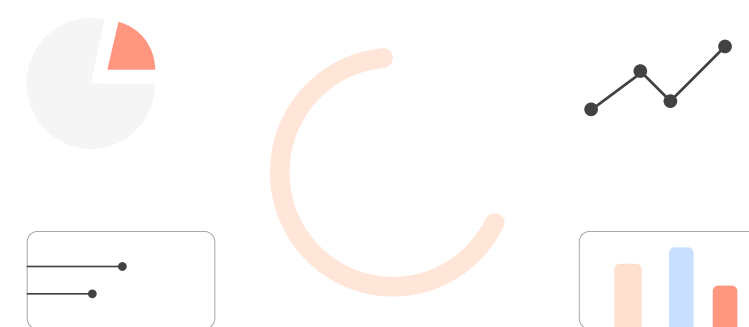
The Samphire App sharpens predictions of users' cycles and symptoms, scheduling Nettle sessions for optimal use.

Symptom Logging

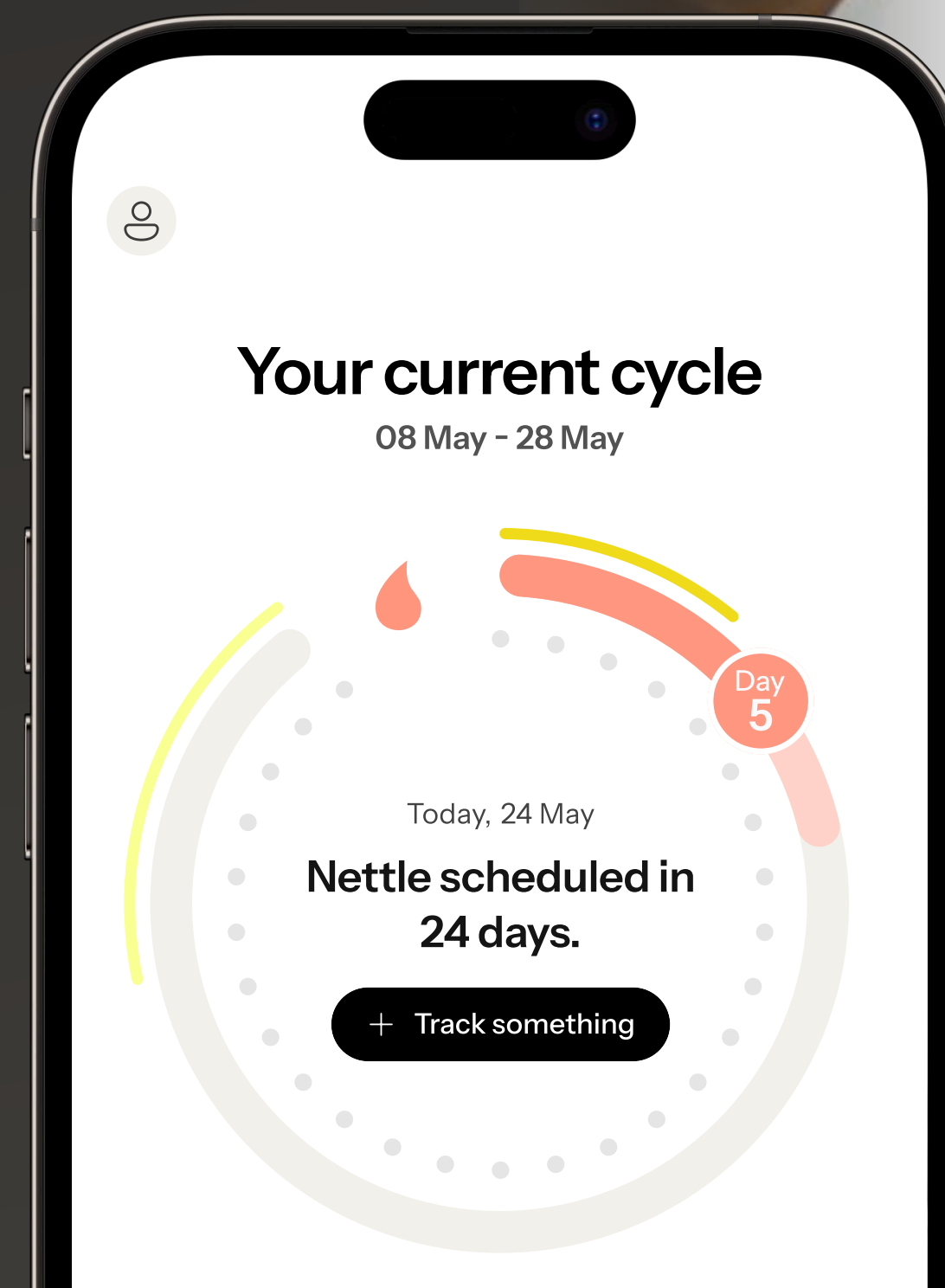
The Samphire App uses logged symptoms to monitor users' mood and their relationship to their brain. Nettle users are able to see trends and insights associated with their use.

You've successfully completed almost all of your past sessions. Remember, consistent work is the best way to maximise symptom relief.

< CycleSync™ is constantly learning.



CycleSync™ powers your Nettle schedule, your daily pulse checks, and your in-app insights. CycleSync™ learns alongside you.



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