

Genentech's Commitment to Women's Health



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**Women Account for Half of Humanity,
Yet Women's Health Has Not Been
Historically Prioritized**

Women have many unmet needs in healthcare



Women's health is underfunded and under-researched

- **3/4 of diseases** that affect primarily women are **underfunded** compared to diseases that affect primarily men¹
- **5% of assets** in the healthcare pipeline are focused on female conditions²
- Women were **excluded from participating** in phase 1 and 2 clinical studies by the FDA from 1977-1993²



Misdiagnosis and pain rates are higher in women

- The odds of misdiagnosis of stroke in men are **25% lower than in women**³
- **21% of women** said an HCP has dismissed their concerns or didn't believe them, versus 12% of men⁴
- Providers **may rate women's pain lower than men's**⁵



Disease prevalence rates are higher in women

- **Nonsmoking women are more likely to get lung cancer than nonsmoking men**⁶, and it's the #1 cancer killer of women in the U.S.⁷
- Multiple sclerosis is **3x more common in women** than in men⁸
- **66%** of people with **Alzheimer's disease** are women⁹

“Every single woman I speak to, myself included, has experienced either misunderstanding or loss as a direct result of slow or inaccurate diagnosis of their health concerns¹⁰”

Mika Simmons

Co-chair, Ginsburg Women's Health Board

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Key findings from The Lancet Commission on Women, Power, and Cancer Report¹

67%

Majority of adults (aged <50 years) diagnosed with cancer in 2020 were women



Women are **marginalized** by gender bias and overlapping forms of discrimination*



Women are more likely than men to **risk financial catastrophe** due to cancer and to **lack the knowledge & power** to make informed cancer-related healthcare decisions

**Including age, race, ethnicity, socioeconomic status, sexual orientation and gender identity.*

Reference

1. Ginsburg O, et al. *Lancet*. Published online September 26, 2023. [https://doi.org/10.1016/S0140-6736\(23\)01701-4](https://doi.org/10.1016/S0140-6736(23)01701-4)

Women are the cornerstone of healthy societies

Women account for half of humanity, and they are also...

Caregivers



61%

of caregivers are women¹

Mothers



~1,000,000

Children globally lost their mothers to cancer in 2020²

Advocates



78%

of patient advocates surveyed are women³

Women may often prioritize caregiving over their own health, widening healthcare gender disparities.⁴

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1. Cothran FA, Heinz PA. Accessed December 16, 2023. <https://www.caregiving.org/wp-content/uploads/2023/08/tiaa-institute-nac-the-economic-effects-of-family-caregiving-on-women-wvoee-cothran-july-2022-0.pdf>
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Women are an essential part of healthcare decision-making



~75%

of mothers are the healthcare decision makers for their families.¹



80%

of the household healthcare spending is done by women.²



79%

of the U.S. healthcare workforce are women³

References

1. Kaiser Family Foundation. Published March 2018. Accessed November 07, 2023. <https://www.kff.org/womens-health-policy/issue-brief/women-work-and-family-health-key-findings-from-the-2017-kaiser-womens-health-survey/>
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Women have a diverse set of needs

They might be pregnant...

“Pregnant women get sick, and sick women get pregnant”¹



9 of 10 women take a medication during pregnancy, yet fewer than **10%** of medications have enough information to determine fetal risks²

They might be Black, Hispanic, Asian, White...



Black Women & Breast Cancer

A Black woman is **40%** more likely to die of breast cancer than a white woman³

Yet have no more than **6%** representation in clinical trials⁴

They might be LGBTQ+...

Health challenges at higher rates



28% of sexual minority women who skipped routine cervical cancer screenings thought they were not at risk.⁵

References

1. NTE Impact Ethics. Revised September 2017. Accessed December 18, 2023. <https://www.dal.ca/sites/noveltetechnics/projects/past-projects/research-ethics/research.html>
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4. ASCO. Published May 26, 2022. Accessed December 13, 2023. <https://old-prod.asco.org/about-asco/press-center/news-releases/nearly-half-black-patients-metastatic-breast-cancer-are-not>
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We Can't Afford To Ignore Women's Health

The impact of investing in women's health

The Women's Health Access Matters (WHAM) Report shows that funding women's health research has huge economic impact. **Investing \$350 million generates \$14 billion in cost savings.**¹



Example: The Case for Lung Cancer Research Focused on Women²

A **\$40 million investment** in lung cancer research focused on women would generate **\$611 million in returns** to our economy



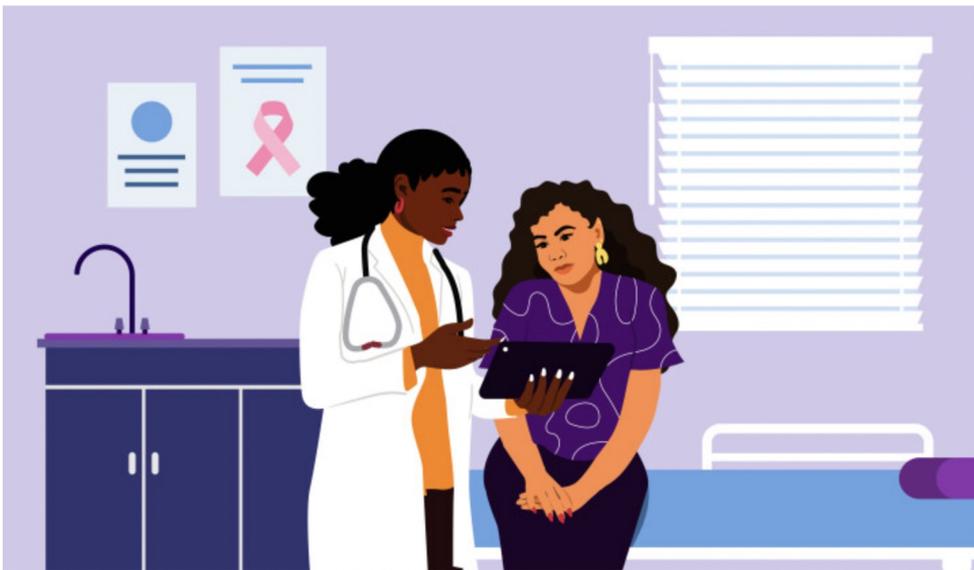
Investment would bring a **1,200% return** and **save 22,700 years of life** while improving quality of life, reducing healthcare costs, and adding back millions in labor productivity



References

1. WHAM. Published 2024. Accessed February 27, 2024. <https://thewhamreport.org/>
2. WHAM. Published March 2022. Accessed October 27, 2023. https://thewhamreport.org/wp-content/uploads/2022/10/TheWHAMReport_Lung_technical.pdf

Women also face a healthcare benefits gap¹



Women pay \$15.4 billion more than men in annual out-of-pocket health care expenses, not including premium costs.

For all ages from 19 to 64, the average woman **pays more out of pocket** than the average man of the same age, **even when excluding maternity claims.**

Reference

1. Deloitte. Updated 2023. November 7 2023. <https://www2.deloitte.com/content/dam/Deloitte/us/Documents/life-sciences-health-care/us-lshc-health-gender-gap.pdf>

A global and U.S. consensus has emerged to elevate women's health



*“Improving the global health outlook for everyone will require a specifically **women-centric approach** to integrated healthcare services.¹”*

- World Economic Forum

*“**Investments addressing the women’s health gap** could add years to life and life to years—and potentially boost the global economy by **\$1 trillion** annually by 2040” - Closing the Women’s Health Gap: A \$1 Trillion Opportunity to Improve Lives and Economies report²*

– World Economic Forum in collaboration with the McKinsey Health Institute



*“**Every woman I know has a story about leaving her doctor’s office with more questions than answers.** Not because our doctors are withholding information, but because there’s just not enough research yet on how to best manage and treat even common women’s health conditions. In 2023, that is unacceptable.³”*

— First Lady Dr. Jill Biden

*“**We’re establishing a new White House Initiative on Women’s Health Research** so that my Administration—from the National Institutes of Health to the Department of Defense—does everything we can to drive innovation in women’s health and close research gaps.³”*

— President Joe Biden

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1. World Economic Forum. Published October 31, 2017. Accessed December 13, 2023. <https://www.weforum.org/agenda/2017/10/the-top-causes-of-death-for-women-and-how-to-combat-them/>
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Genentech Is Committed to Women's Health

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Genentech's strategy to address health inequity was created to reach our vision

In support of our 10-year vision to provide 3 to 5 times more benefit for patients at 50% less cost to society, we have developed a strategy to focus on 3 pillars:



Embed representation in our research, development, commercial work, and customer engagement



Improve equitable access to care for Genentech patients



Build community trust by listening and co-creating to address implicit bias and cultural stigma

Our health equity strategy aims to address disparities of care for underserved populations through improved access to our medicines and increased participation in clinical trials.

Women's health is an example of how we're delivering on our commitment to health equity.

Our portfolio has the potential to help deliver on the significant unmet need in women's health



Lung cancer

leading cause of cancer deaths in women¹



Breast cancer

most common cancer in people in the US²



Asthma

almost twice as many women during mid-life have asthma as men³



Age Related Macular Degeneration

2 out of 3 people diagnosed are women⁴



Multiple Sclerosis

3x more common in women⁵



Diabetes

women are more severely impacted by the consequences of diabetes than men⁶



Lupus

– 90% of patients are women⁷
– 2-3x more common in women of color



Heart Disease

leading cause of death of women worldwide⁸



Stroke

kills more women than breast cancer per year⁸



Hemophilia

women with symptoms often not tested & diagnosed with the misbelief they can only be carriers⁹

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How we are advancing equitable care for women

Advancements in women's health are enhancing healthcare outcomes for conditions that either present *differently in women* or *predominantly impact women*

MS & Pregnancy



Genentech has studied a **large population of pregnant women** with MS¹

Love Letters



Cancer screening awareness created **“by the community, for the community”**

Women-Centric Cancer Care



Elevating the dialogue on the importance of **Women-Centric Cancer Care**²

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Delivering women-centric care for our own employees



**“ We are now offering
menopause benefits ”**

- Cori Davis, Chief People Officer at Genentech

Now's The Time to Bring Up Menopause At Work

Being the chief people officer for the biotech giant Genentech was stressful enough, but last year, Cori Davis could tell that something more than just stress was starting to affect her. She kept waking up at night covered in sweat, making it difficult to get a good night's sleep; during the day, she pushed through exhaustion to get her work done. A visit to Genentech's campus health care confirmed her sneaking suspicion: she was going through menopause.

A few years ago, she might have kept that to herself. But there's been a revolution in the world of women's health in the last year, with women starting to **talk about menopause and** how it affects them in the workplace. So when Genentech's women professionals group came to Davis last fall asking for ways to destigmatize menopause and support women in the workplace, Davis wasn't shy about talking about her own health challenges. In March of 2023, Genentech, which has 13,500 employees, rolled out a new employee benefit to support women going through menopause, and Davis shared her experience when presenting it to employees.

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XProject — Elevating women’s voices around the world

XProject is an ongoing initiative that reinforces **Roche’s commitment to women’s health** by raising awareness about inequities that exist and driving programs that lead to meaningful change.

Working across the healthcare ecosystem, Roche is addressing barriers **to improve health outcomes for women** around the world and **to create long-term benefits for society**.

XProject originates from the **missing X** chromosome in scientific research, diagnosis and treatment, which has led to **fundamental inequities within health systems** that have a detrimental effect on the care that women receive



“A Radical Decision”

“I was diagnosed with breast cancer and chose to have a double mastectomy.”

Natasha
USA



“A Radical Decision”

“Several providers questioned my ‘radical’ decision and asked if my husband agreed with my choice.”

Natasha
USA



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