

THE RESEARCH FOR ALL ACT

DID YOU KNOW?

- ❖ Women make up 51% of the U.S. population, but most medical research focuses on men.
- ❖ Studying women in medical research is suggested, but not required.
- ❖ Cardiovascular disease is the leading killer of all Americans. Only 1/3 of subjects in clinical trials are female.
- ❖ Of the cardiac studies that do include enough women, 70% fail to report outcomes by sex.

THIS HAS REAL CONSEQUENCES!

- ❖ Researchers at Brigham and Women's Hospital recently said, "Medical research that is either sex- or gender-neutral or skewed to male physiology puts women at risk for missed opportunities for prevention, incorrect diagnoses, misinformed treatments, sickness and even death."
- ❖ Recent discoveries show that women have been prescribed a recommended dose of Ambien that was 2x the amount they need.

IT'S NOT JUST ABOUT WOMEN. THIS IS A MEN'S HEALTH ISSUE, TOO.

- ❖ A recent diabetes drug study suggested it may lower women's risk of heart failure but increase men's.
- ❖ Evidence suggests common blood pressure and antibiotic medication are less effective for men.

HERE'S WHAT WE KNOW.

- ❖ Over 20 years ago, Congress passed a law to require women's representation in clinical research. But the law didn't require that the data on women be analyzed and reported.
- ❖ Two decades later, science and research gaps between the sexes are significant and often overlooked.
- ❖ Basic biological differences between men and women impact everything from how symptoms are experienced to whether a treatment is safe and effective.
- ❖ The Institute of Medicine says "every cell has a sex" but most cellular and animal studies use male subjects.

THE RESEARCH FOR ALL ACT DETAILS:

- ❖ Ensures the best medicine is available for both men and women.
 - ❖ Directs NIH to update its guidelines to better enforce the current law on clinical research.
 - ❖ Increases the study of female subjects and the analysis of sex differences in basic research.
 - ❖ Speeds new drugs to market that will be safer and more effective for both men and women.
 - ❖ Codifies NIH's existing sex differences research network program.
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