Postmenopausal Bleeding May Be a Sign of Endometrial Cancer in Obese Asian Women

New study lowers the threshold for body mass index levels that could signal an increased risk of endometrial cancer in some Asian women

CLEVELAND, Ohio (June 30, 2021)—The link between obesity and the risk of endometrial cancer has been well documented. A new study, however, shows that an even lower body mass index (BMI) than previously thought can signal an increased risk in Asian women with postmenopausal bleeding. Study results are published online today in Menopause, the journal of The North American Menopause Society (NAMS).

Endometrial cancer is the sixth most common form of cancer in women worldwide and is a leading cause of cancer death. Because there is currently no routine screening for endometrial cancer in asymptomatic women, it is important for healthcare professionals to be aware of added risk factors so that they can effectively intervene.

In this study, researchers using the Asian BMI standard for obesity (BMI ≥ 25 kg/m²) sought to determine the relationship between BMI and a subsequent diagnosis of endometrial cancer in Asian women. The threshold for being defined as obese in Asian women is lower than that used for classifying white women. Because roughly 90% of postmenopausal women with endometrial cancer have postmenopausal bleeding, the study specifically looked at women who had experienced postmenopausal bleeding.

On the basis of the results of the study, the researchers concluded that Asian women with a BMI of more than 25 kg/m² were 1.57 times (57%) more likely to develop endometrial cancer. Such results should alert healthcare professionals to be especially vigilant when treating Asian women with postmenopausal bleeding who are obese.

Results are published in the article “Obesity increases endometrial cancer risk in Chinese women with postmenopausal bleeding.”

“This study highlights the known relationship between BMI and endometrial cancer and suggests that the Asian BMI standard for obesity (≥ 25 kg/m²) helps to identify endometrial cancer in Asian women with postmenopausal bleeding. Key takeaways are that all women with postmenopausal bleeding should undergo evaluation, and obesity remains an important and modifiable risk factor for endometrial cancer, with a linear relationship between BMI and endometrial cancer risk,” says Dr. Stephanie Faubion, NAMS medical director.

For more information about menopause and healthy aging, visit www.menopause.org.
Founded in 1989, The North American Menopause Society (NAMS) is North America’s leading nonprofit organization dedicated to promoting the health and quality of life of all women during midlife and beyond through an understanding of menopause and healthy aging. Its multidisciplinary membership of 2,000 leaders in the field—including clinical and basic science experts from medicine, nursing, sociology, psychology, nutrition, anthropology, epidemiology, pharmacy, and education—makes NAMS uniquely qualified to serve as the definitive resource for health professionals and the public for accurate, unbiased information about menopause and healthy aging. To learn more about NAMS, visit www.menopause.org.