

## Supplementary Online Content

Doll KM, Romano SS, Marsh EE, Robinson WR. Estimated performance of transvaginal ultrasonography for evaluation of postmenopausal bleeding in a simulated cohort of Black and White women in the US. *JAMA Oncol*. Published online July 15, 2021. doi:10.1001/jamaoncol.2021.1700

**eTable 1.** List of *ICD-O-3* Codes Included to Calculate Endometrial Cancer Case Counts

**eTable 2.** Performance of TVUS ET Thresholds for Identifying Endometrial Cancer Among a Simulated Cohort of US Black and White Women With Postmenopausal Bleeding: Sensitivity Analysis by Submucosal Fibroid Prevalence

This supplementary material has been provided by the authors to give readers additional information about their work.

**eTable 1. List of ICD-O-3 codes included to calculate endometrial cancer case counts<sup>1, 2</sup>**

<b>Endometrial Cancer Type</b>	<b>ICD-O-3 Code</b>
Type I	
Endometrioid	8260, 8262, 8384, 8140, 8210, 8380, 8381, 8382, 8383, 8440, 8480, 8481, 8482, 8560, 8570, 8050
Type II	
Serous	8450, 8441, 8460, 8461
Carcinosarcoma	8950, 8951, 8980, 8981
Clear cell	8313, 8310

**eTable 2.** Performance of TVUS ET Thresholds for Identifying Endometrial Cancer Among a Simulated Cohort of U.S. Black and White Women with Postmenopausal Bleeding: Sensitivity Analysis by Submucosal Fibroid Prevalence

Threshold	Sensitivity (95% CI)	Specificity (95% CI)	PPV (95% CI)	NPV (95% CI)	AUC (95% CI)
<b>Black Women: 63.6% of fibroids are submucosal<sup>3</sup></b>					
<b>3+ mm</b>	65.4% (64.0-66.8%)	42.9% (42.4-43.4%)	11.3% (10.9-11.7%)	91.8% (91.4-92.2%)	-
<b>4+ mm</b>	60.9% (59.4-62.3%)	55.4% (54.9-55.9%)	13.2% (12.7-13.6%)	92.7% (92.4-93.0%)	0.60 (0.60-0.61)
<b>5+ mm</b>	56.0% (54.5-57.4%)	67.1% (66.7-67.6%)	15.9% (15.4-16.5%)	93.2% (92.9-93.5%)	-
<b>White women: 43.6% of fibroids are submucosal<sup>3</sup></b>					
<b>3+ mm</b>	93.5% (93.2-93.7%)	21.3% (21.1-21.4%)	11.7% (11.5-11.8%)	96.7% (96.6-96.8%)	-
<b>4+ mm</b>	91.9% (91.6-92.2%)	39.2% (39.1-39.4%)	14.4% (14.2-14.5%)	97.8% (97.7-97.8%)	0.75 (0.75-0.75)
<b>5+ mm</b>	89.9% (89.5-90.2%)	56.0% (55.8-56.2%)	18.5% (18.3-18.7%)	98.0% (98.0-98.1%)	-

#### References

1. Wise LA, Sponholtz TR, Rosenberg L, et al. History of uterine leiomyoma and risk of endometrial cancer in black women. *Cancer Causes Control*. 2016;27:545-552.
2. Doll KM, Winn A. Assessing Endometrial Cancer Risk Among US Women: Long-Term Trends using Hysterectomy-Adjusted Analysis. *Am J Obstet Gynecol*. 2019;221:e1-318.e319.
3. Moorman PG, Leppert P, Myers ER, Wang F. Comparison of characteristics of fibroids in African American and white women undergoing premenopausal hysterectomy. *Fertil Steril*. Mar 2013;99(3):768-776.e1. doi:10.1016/j.fertnstert.2012.10.039