

RESOLUTION

Subject: Breast Cancer Screening and Education to Reduce Male Mortality

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Referred to: Reference Committee

WHEREAS, breast cancer occurs in both males and females; and

WHEREAS, breast cancer is a rare, yet more deadly diagnosis in men due to late stage identification¹; and

WHEREAS, male breast cancer (MBC) has approximately 60% excess mortality rate in comparison to female breast cancer (FBC)²; and

WHEREAS, MBC accounts for 1% of all breast cancers worldwide and 1% of cancers found in men³; and

WHEREAS, MBC screening and management research is limited due to lack of awareness about symptoms, late stage diagnoses, and poor patient enrollment in randomized studies²; and

WHEREAS, Klinefelter syndrome, gynecomastia, family history of breast cancer, older age, elevated levels of estradiol, and BRCA1 or BRCA2 gene mutations are prominent risk factors for MBC⁴; and

WHEREAS, MBC is understudied in the state of Kentucky and not included in the National Cancer Institute's evaluation of state cancer profiles⁵, now, therefore, be it

RESOLVED, that KMA supports educating physicians and the public about the prevalence of breast cancer, risks, signs, and symptoms in assigned male at birth (AMAB) patients; and be it further

RESOLVED, that KMA joins the AMA in support of removing barriers to MBC screening by supporting further research on MBC incidence in AMAB patients.

References:

1. Fox S, Speirs V, Shaaban AM. Male breast cancer: an update. *Virchows Arch*. 2022;480(1):85-93. doi:10.1007/s00428-021-03190-7
2. AlFehaid M. Male Breast Cancer (MBC) - A Review. *Pol Przegl Chir*. 2023;95(6):24-30.
3. Gucalp A, Traina TA, Eisner JR, et al. Male breast cancer: a disease distinct from female breast cancer. *Breast Cancer Res Treat*. 2019;173(1):37-48. doi:10.1007/s10549-018-4921-9
4. Khan NAJ, Tirona M. An updated review of epidemiology, risk factors, and management of male breast cancer. *Med Oncol*. 2021;38(4):39. Published 2021 Mar 15. doi:10.1007/s12032-021-01486-x
5. National Cancer Institute. State Cancer Profiles. statecancerprofiles.cancer.gov. <https://statecancerprofiles.cancer.gov/quick-profiles/index.php?statename=kentucky>