

Characteristics of BRCA-mutated breast cancer

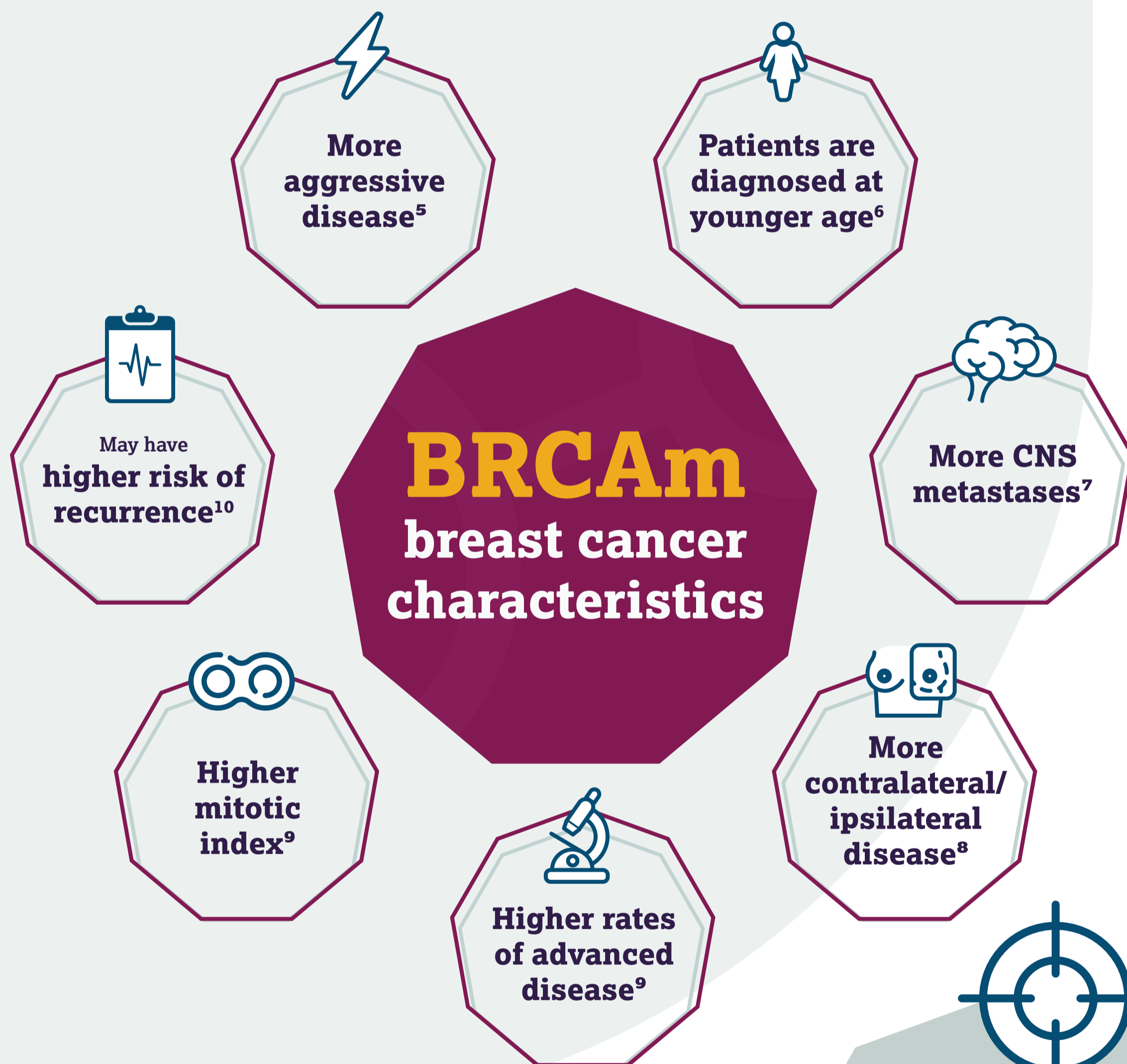
~5% of all breast cancer patients harbor germline BRCA1/2 mutation¹

For BRCA1/2 mutation carriers the lifetime risk for developing breast cancer is **~70%**²

Out of 10 HER2-negative breast cancer patients with germline BRCA1/2 mutation:


~6/10 may be HR+^{3,4}

~4/10 may have TNBC^{3,4}



BRCA1/2, breast cancer gene 1 or 2; BRCAm, BRCA-mutated; CNS, central nervous system; HR+, hormone-receptor positive; TNBC, triple-negative breast cancer

Test early for BRCA mutations

1.De Talhouet S, et al. Sci Rep. 2020;10:7073; 2.Kuchenbaecker KB, et al. JAMA. 2017;317:2402-2416; 3.O'Shaughnessy J, et al. Breast Cancer Res. 2020;22:114; 4.Kurian AW, et al. J Clin Oncol. 2019;37(15):1305-1315. Supplementary appendix; 5.Baretta Z, et al. Medicine. 2016;95:e4975; 6.Bu R, et al. Int J Cancer. 2016; 139:1091-1097; 7.Song Y, et al. Cancer. 2020;126(2):271-280; 8.Valachis A, et al. Breast Cancer Res Treat. 2014;144:443-455; 9.Aleskandarany M, et al. Breast Cancer Res Treat. 2015;150:81-90; 10.Lewin R, et al., Breast Cancer Res Treat. 2016;157:511-516.