

YÜKSEK RİSKLİ KADINLARDA KEMOPREVENSİYON

Bülent ÇOMÇALI¹

Meme kanseri kadınlarında en sık görülen kanser tipidir. Tarama mamografi-
rinin yaygınlaşması ile birlikte radyoloji, biyopsi ve patoloji alanındaki gelişmeler
daha fazla asemptomatik meme lezyonu bulmamıza neden olmuştur. Bu lezyonlar
da hafif hiperplaziden atipik hiperplaziye kadar uzanan geniş spektrumda bir has-
ta grubu ortaya çıkarmıştır. Bunun sonucunda hastalar karmaşık takip ve tedavi
seçeneklerini içeren yüksek riskli hasta grubuna girmiştir. Memede gözlenen
bu yüksek riskli lezyonlar;

1) ATİPİK DUKTAL HİPERPLAZİ

Kalın iğne biyopsilerinin yaygın olarak kullanılması ile daha sık karşımıza çı-
kmaktadır. DCIS ve invazif kanser geliştirme potansiyeli de olan bu lezyonların
meme kanseri riskini 3-4 kat artttığı gözlenmiştir (1). Atipik Duktal Hiperplazi
gözlenen hastalara tamoksifen ve raloksifen kemoprevensiyon olarak önerilmek-
tedir (2). NSABP P01 çalışması da kemoprevensiyona en iyi yanıtın atipik duktal
hiperplazide olduğunu göstermiştir (3).

2) ATİPİK LOBÜLER HİPERPLAZİ

Tipik bir radyolojik bulgusu olmayan lezyonlardır. Biyopsi sonucu bu tanı gel-
diğinde örneklemenin doğruluğu araştırılmalıdır. Biyopside hata düşünülüyorsa
eksizyonel biyopsi yapılmalıdır. Yapılan eksizyonel biyopsilerin sonucunda %15
oranında invaziv ve in situ kanser tanısı aldığı gözlenmiştir (4). Bu lezyonların
meme kanseri riskini 3-4 kat artttığı bildirilmektedir (5). Atipik Lobüler Hi-
perplazi gözlenen hastalarda tamoksifen ve raloksifen kemoprevensiyon olarak
önerilmektedir (2).

KAYNAKLAR

1. Collins LC, Baer HJ, Tamimi RM, Connolly JL, Colditz GA, Schnitt SJ. Magnitude and laterality of breast cancer risk according to histologic type of atypical hyperplasia: results from the Nurses' Health Study. *Cancer* 2007;109:180-187. (PMID 17154175)
2. Hollingsworth AB, Singletary SE, Morrow M, Francescatti DS, O'Shaughnessy JA, Hartmann AR, Haddad B, Schnabel FR, Vogel VG. Current comprehensive assessment and management of women at increased risk for breast cancer. *Am J Surg* 2004;187:349-362. (PMID 15006563)
3. Fisher B, Costantino JP, Wickerham DL, Cecchini RS, Cronin WM, Robidoux A, Bevers TB, Kavanah MT, Atkins JN, Margolese RG, Runowicz CD, James JM, Ford LG, Wolmark N. Tamoxifen for the prevention of breast cancer: current status of the National Surgical Adjuvant Breast and Bowel Project P-1 Study. *J Natl Cancer Inst* 2005;97:1652-1662. (PMID 16288118)
4. Bowman K, Munoz A, Mahvi DM, Breslin TM. Lobular neoplasia diagnosed at core biopsy does not mandate surgical excision. *J Surg Oncol* 2007;142:275-280. (PMID 17662303)
5. Degnim AC, Visscher DW, Berman HK, Frost MH, Sellers TA, Vierkant RA, Maloney SD, Pankratz VS, Penheiter L, Tlsty T, de Groen PC, Lingle WL, Ghosh K, Melton J 3rd, Reynolds CA, Hartmann LC. Stratification of breast cancer risk in women with atypia: a Mayo cohort study. *J Clin Oncol* 2007;25:2671-2677. (PMID 17563394)
6. Elsheikh TM, Silverman JF. Follow-up surgical excision is indicated when breast core needle biopsies show atypical lobular hyperplasia or lobular carcinoma in situ: a correlative study of 33 patients with review of the literature. *Am J Surg Pathol* 2005;29:534-543. (PMID 15767810)
7. Dupont WD, Page DL. Risk factors for breast cancer in women with proliferative breast disease. *N Eng J Med* 1985;312:146-151. (PMID 3965932)
8. Gendler LS, Feldman SM, Balassanian R, Riker MA, Frencher SK, Whelan DB, Anne S, Gross JD, Cohen JM, Boolbol SK. Association of breast cancer with papillary lesions identified at percutaneous image-guided breast biopsy. *Am J Surg* 2004;188:365-370. (PMID 15474427)
9. Page DL, Salhaney KE, Jensen RA, Dupont WD. Subsequent breast carcinoma risk after biopsy with atypia in a breast papilloma. *Cancer* 1996;78:258-266. (PMID 8674001)
10. NCCN Clinical Practice Guidelines in Oncology. Breast Cancer, 2018.
11. Siegel RL, Miller KD, Jemal A. Cancer Statistics, 2017. *CA Cancer J Clin* 2017; 67:7.
12. Siegel RL, Miller KD, Jemal A. Cancer statistics, 2018. *CA Cancer J Clin* 2018; 68:7
13. NZ Cantürk, GK Çakmak Meme Kanserinden Korunma , tmhdf.org.tr
14. Centers for Disease Control and Prevention (CDC). Vital signs: racial disparities in breast cancer severity—United States, 2005–2009. *MMWR Morb Mortal Wkly Rep* 2012; 61:922
15. Sporn MB, Suh N. Chemoprevention: an essential approach to controlling cancer. *Nat Rev Cancer* 2002; 2:537-543
16. Janerich DT, Hoff MB. Evidence for a crossover in breast cancer risk factors. *Am J Epidemiol* 1982; 116:737-742
17. Islami F, Liu Y, Jemal A, et al. Breastfeeding and breast cancer risk by receptor status--a systematic review and meta-analysis. *Ann Oncol* 2015; 26:2398. 83.
18. Wasserman L, Flatt SW, Natarajan L, Laughlin G, Matusalem M, Faerber S, et al. Correlates of obesity in postmenopausal women with breast cancer: Comparison of genetic, demographic, disease-related, life history and dietary factors. *Int J Obes Relat Metab Disord* 2004; 28:49-56.
19. Cao Y, Willett WC, Rimm EB, et al. Light to moderate intake of alcohol, drinking patterns, and risk of cancer: results from two prospective US cohort studies. *BMJ* 2015; 351:h4238.
20. Pizot C, Boniol M, Mullie P, et al. Physical activity, hormone replacement therapy and breast cancer risk: A meta-analysis of prospective studies. *Eur J Cancer* 2016; 52:138.
21. The Journal of Breast Health 2011 Vol: 7 • No: 2
22. Howe GR. Dietary fat and breast cancer risks. *Cancer* 1994; 74: 1078-1084.
23. Bala DV, Patel DD, Duff SW, Cherman S, Patel PS, Trivedi J, et al. Role of dietary intake and biomarkers in risk of breast cancer: A case control study
24. White AJ, DeRoo LA, Weinberg CR, Sandler DP. Lifetime Alcohol Intake, Binge Drinking Be-

- haviors, and Breast Cancer Risk. Am J Epidemiol 2017; 186:541. 61.
25. Wasserman L, Flatt SW, Natarajan L, Laughlin G, Matusa- lem M, Faerber S, et al. Correlates of obesity in postmeno- pausal women with breast cancer: Comparison of genetic, demographic, disease-related, life history and dietary fac- tors. Int J Obes Relat Metab Disord 2004; 28:49-56.
 26. Pizot C, Boniol M, Mullie P, et al. Physical activity, hormone replacement therapy and breast cancer risk: A meta-analysis of prospective studies. Eur J Cancer 2016; 52:138
 27. Gaudet MM, Gapstur SM, Sun J, et al. Active smoking and breast cancer risk: original cohort data and meta-analysis. J Natl Cancer Inst 2013; 105:515. 25 96.
 28. Shiftwork. IARC Monographs Volume 98. <http://monographs.iarc.fr/ENG/Monographs/vol98/m ono98-8.pdf> (Accessed on November 01, 2012).
 29. Sporn MB, Suh N. Chemoprevention: an essential approach to controlling cancer. Nat Rev Cancer 2002; 2:537-543.
 30. Khovidhunkit W, Shoback DM. Clinical effects of raloxife- ne hydrochloride in women. Ann Intern med 1999; 20:253-278.
 31. Cumming SR, Eckert S, Krueger KA. The effect of raloxife- ne on risk of breast cancer in post- menopausal women. Re- sults from the MORE randomized trial. JAMA 1999; 281:2198
 32. NCCN Guidelines for Detection, Prevention, & Risk Reduction: Breast Cancer Risk Reduc tion http://www.nccn.org/professionals/physician_gls/pdf/breast_risk.pdf (Accessed on March 02, 2016).
 33. Breast Cancer Trialists' Collaborative Group (EBCTCG). Effects of chemotherapy and hor- monal therapy for early breast cancer on recurrence and 15-year survival: an overview of the randomised trials. Lancet. 2005; 365: 1687-1717
 34. Martino S, Cauley JA, Barrett-Connor E, Powles TJ, Mershon J, Disch D, et al. Continuing outcomes relevant to Evista: Breast cancer incidence in postmenopausal oste- oporotic women in a randomized trial of raloxifene. J Natl Cancer Inst 2004; 96:1751-1761
 35. Barrett-Connor E, Mosca L, Collins P, Geiger MJ, Grady D, Kornitzer M, et al. Raloxifene Use for the Heart (RUTH) Trial Investigators. Effects of raloxifene on cardi- ovascular events and breast cancer in postmenopausal wo- men. N Eng J Med 2006; 355:125-137
 36. Baum M, Buzdar A, Cuzik M, Forbes J, Houghton J, Ho- well A, et al. Anastrozole alone or in combination with ta- moxifen versus alone for adjuvant treatment of postmeno- pausal women with early stage breast cancer.: results of the ATAC (arimidex, tamoxifen alone or in combina- tion) tri- al efficacy and safety update analyses. Cancer 2003; 98:1802-1810.
 37. Cuzick J, Sestak I, Forbes JF, et al. Anastrozole for prevention of breast cancer in highrisk post- menopausal women (IBIS-II): an international, double-blind, randomised placebocontrolled trial. Lancet 2014; 383:1041.
 38. Veronesi U, Mariani L, Decensi A, Formelli F, Camerini T, Miceli R, et al. Fifteen-year re- sults of a randomized phase III trial of fenretinide to prevent second breast cancer. Ann Oncol 2006;17:1065-1071.
 39. Li Y, Zhang Y, Hill J, Shen Q, Kim HT, Xu X,et al. There- xinoid LG100268 prevents the deve- lopment of preinvasive and invasive estrogen receptor-negative tumors in MMTV-erbB2 mice. Clin Cancer Res 2007;13:6224-6231.