

List of Key References in Cancer Overdiagnosis

Provided by:
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Medicine: Mind the Gap Seminar
Overdiagnosis in Cancer Screening: Overcoming Challenges, Avoiding Mistakes
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Baines CJ, To T, Miller AB. Revised estimates of overdiagnosis from the Canadian National Breast Screening Study. *Prev Med.* 2016 Sep;90:66-71.

Bleyer A, Welch HG. Effect of three decades of screening mammography on breast-cancer incidence. *N Engl J Med.* 2012 Nov 22;367(21):1998-2005.

Etzioni R, Gulati R. Recognizing the limitations of cancer overdiagnosis studies: a first step towards overcoming them. *J Natl Cancer Inst.* 2015 Nov 18;108(3). pii: djv345.

Etzioni R, Gulati R, Mallinger L, Mandelblatt J. Influence of study features and methods on overdiagnosis estimates in breast and prostate cancer screening. *Ann Intern Med.* 2013 Jun 4;158(11):831-8.

Gulati R, Feuer EJ, Etzioni R. Conditions for valid empirical estimates of cancer overdiagnosis in randomized trials and population studies. *Am J Epidemiol.* 2016 Jul 15;184(2):140-7.

Gulati R, Gore JL, Etzioni R. Comparative effectiveness of alternative prostate-specific antigen-based prostate cancer screening strategies: model estimates of potential benefits and harms. *Ann Intern Med.* 2013 Feb 5;158(3):145-53.

Kalager M, Adami HO, Bretthauer M, Tamimi RM. Overdiagnosis of invasive breast cancer due to mammography screening: results from the Norwegian screening program. *Ann Intern Med.* 2012 Apr 3;156(7):491-9.

Mandelblatt JS, Stout NK, Schechter CB, van den Broek JJ, Miglioretti DL, Krapcho M, Trentham-Dietz A, Munoz D, Lee SJ, Berry DA, van Ravestejn NT, Alagoz O, Kerlikowske K, Tosteson AN, Near AM, Hoeffken A, Chang Y, Heijnsdijk EA, Chisholm G, Huang X, Huang H, Ergun MA, Gangnon R, Sprague BL, Plevritis S, Feuer E, de Koning HJ, Cronin KA. Collaborative modeling of the benefits and harms associated with different U.S. breast cancer screening strategies. *Ann Intern Med.* 2016 Feb 16;164(4):215-25.

Miller AB, Wall C, Baines CJ, Sun P, To T, Narod SA. Twenty-five-year follow-up for breast cancer incidence and mortality of the Canadian National Breast Screening Study: randomised screening trial. *BMJ*. 2014 Feb 11;348:g366.

Schröder FH, Hugosson J, Roobol MJ, Tammela TL, Ciatto S, Nelen V, Kwiatkowski M, Lujan M, Lilja H, Zappa M, Denis LJ, Recker F, Berenguer A, Mänttinen L, Bangma CH, Aus G, Villers A, Rebillard X, van der Kwast T, Blijenberg BG, Moss SM, de Koning HJ, Auvinen A; ERSPC Investigators.. Screening and prostate-cancer mortality in a randomized European study. *N Engl J Med*. 2009 Mar 26;360(13):1320-8.

Shen Y, Zelen M. Screening sensitivity and sojourn time from breast cancer early detection clinical trials: mammograms and physical examinations. *J Clin Oncol*. 2001 Aug 1;19(15):3490-9.

Welch HG, Albertsen PC. Prostate cancer diagnosis and treatment after the introduction of prostate-specific antigen screening: 1986-2005. *J Natl Cancer Inst*. 2009 Oct 7;101(19):1325-9.