

October 2023

SELECT Publications – Selected manuscripts

A list of all SELECT publications can be found on this website (swog.org).

In the search bar, type in the SELECT SWOG Study # - S0000

Search

S0000

Selenium and Vitamin E Cancer Prevention Trial (SELECT) Male, age 55 or older (African American men must be age 50 or older); DRE not suspicious for prostate cancer and PSA \leq 4.0 ng/ml, both within 180 days prior to randomization; no prior diagnosis of prostate cancer or high grade PIN; randomization \geq 28 days and \leq 90 days after Initial Visit; not currently taking any vitamin E or any selenium; no anticoagulation tx except aspirin; BP systolic $<$ 160,...

Selenium and Vitamin E Cancer Prevention Trial (SELECT)

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| <p>Closed <input type="checkbox"/> Phase <input type="checkbox"/></p> <p>100%</p> <p>Accrual</p> <p><input checked="" type="checkbox"/> Published</p> | <table><tr><td>Abbreviated Title</td><td>SELECT (Selenium and Vitamin E Cancer Prevention Trial)</td></tr><tr><td>Activated</td><td>07/25/2001</td></tr><tr><td>Closed</td><td>06/24/2004</td></tr><tr><td>Participants</td><td>Institutions listed in protocol Appendix 19.5</td></tr><tr><td>Study chair(s)</td><td>Eric A. Klein, MD Scott M. Lippman, MD</td></tr></table> | Abbreviated Title | SELECT (Selenium and Vitamin E Cancer Prevention Trial) | Activated | 07/25/2001 | Closed | 06/24/2004 | Participants | Institutions listed in protocol Appendix 19.5 | Study chair(s) | Eric A. Klein, MD Scott M. Lippman, MD |
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Research committees

Prevention
Genitourinary Cancer

Treatment

Selenium Vitamin E

Substudy Abstract Page Links

S0000B: SELECT Eye Endpoints (SEE)

Eligibility Criteria

Publication Information

To find the publications for the SELECT ancillary studies, follow a similar process. Their study numbers are: S0000A (PREADVISE), S0000B (Eye Ancillary Study), S0000C (Respiratory Ancillary Study) and S0000D (Adenomatous Colorectal Polyps Study).

Below is a listing of some of the key publications from SELECT and the ancillary studies:

| Year | Reference |
|------|---|
| 2001 | SELECT: The next prostate cancer prevention trial. EA Klein, IM Thompson, SM Lippman, PJ Goodman, D Albanes, PR Taylor, C Coltman. <i>Journal of Urology</i> 166:1311-1315, 2001 |
| 2005 | Minority recruitment to the selenium and vitamin E cancer prevention trial (SELECT). ED Cook, SM Thomas, K Anderson, R Campbell, et al. <i>Clinical Trials</i> 2:436-442, 2005. |
| 2005 | Centralized blood processing for the Selenium and Vitamin E Cancer Prevention Trial: Effects of delayed processing on carotenoids, tocopherols, insulin-like growth factor-I, insulin-like growth factor binding protein 3, steroid hormones and lymphocyte viability. AR Kristal, IB King, D Albanes, MN Pollak, FZ Stanzky, RM Santella, A Hoque. <i>Cancer Biomarkers & Prevention</i> 14(3):727-730, 2005 DOI: 10.1158/1055-9965.EPI-04-0596. |
| 2005 | Designing the selenium and vitamin E cancer prevention trial (SELECT). SM Lippman, PJ Goodman, EA Klein, HL Parnes, IM Thompson, Jr, et al. <i>Journal of the National Cancer Institute</i> 97(2):94-102, 2005. DOI: 10.1093/jnci/djii009. |
| 2009 | Effect of selenium and vitamin E on risk of prostate cancer and other cancers: The Selenium and Vitamin E Cancer Prevention Trial (SELECT). SM Lippman, EA Klein, P Goodman, MS Lucia et al. <i>Journal of the American Medical Association</i> 301(1)39-51, 2009. DOI: 10.1001/jama.2008.864. |
| 2010 | Impact of supplemental site grants to increase African American accrual for SELECT. ED Cook, KB Arnold, JA Hermos, W McCaskill-Stevens, et al. <i>Clinical Trials</i> 7(1):90-99, 2010. |
| 2011 | Vitamin E and the risk of prostate cancer: updated results of the selenium and vitamin E cancer prevention trial (SELECT). EA Klein, IM Thompson, CM Tangen, JJ Crowley, et al. <i>Journal of the American Medical Association</i> 306(14):1549-1556, 2011. DOI:10.1001/jama2011.1437. |
| 2012 | Moving a randomized clinical trial into an observational cohort. PJ Goodman, J Hartline, CM Tangen, JJ Crowley, et al. <i>Clinical Trials</i> 10(1):131-142; 2013. |

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| 2014 | Baseline selenium status and effects of selenium and vitamin e supplementation on prostate cancer risk. Kristal AR, Darke AK, Morris JS, Tangen CM, Goodman PJ, Thompson IM, Meyskens FL Jr, Goodman GE, Minasian LM, Parnes HL, Lippman SM, Klein EA. J Natl Cancer Inst. 2014 Mar;106(3):djt456. Epub 2014 Feb 22. PubMed PMID: 24563519; PubMed Central PMCID: PMC3975165. |
| 2014 | Plasma tocopherols and risk of prostate cancer in the Selenium and Vitamin E Cancer Prevention Trial (SELECT). Albanes D, Till C, Klein EA, Goodman PJ, Mondul AM, Weinstein SJ, Taylor PR, Parnes HL, Gaziano JM, Song X, Fleshner NE, Brown PH, Meyskens FL Jr, Thompson IM. Cancer Prev Res (Phila). 2014 Sep;7(9):886-95. Epub 2014 Jun 24. PubMed PMID: 24961880; PubMed Central PMCID: PMC4408535. |
| 2014 | Plasma vitamin D and prostate cancer risk: results from the Selenium and Vitamin E Cancer Prevention Trial. Kristal AR, Till C, Song X, Tangen CM, Goodman PJ, Neuhauser ML, Schenk JM, Thompson IM, Meyskens FL Jr, Goodman GE, Minasian LM, Parnes HL, Klein EA. Cancer Epidemiol Biomarkers Prev. 2014 Aug;23(8):1494-504. Epub 2014 Apr 14. PubMed PMID: 24732629; PubMed Central PMCID: PMC4119495. |
| 2014 | Retention of black and white participants in the selenium and vitamin E cancer prevention trial (SWOG- coordinated intergroup study S0000). Arnold KB, Hermos JA, Anderson KB, Minasian L, Tangen CM, Probstfield JF, Cook ED. Cancer Epidemiol Biomarkers Prev. 2014 Dec;23(12):2895-905. Epub 2014 Sep 21. PubMed PMID: 25242051; PubMed Central PMCID: PMC4257858. |
| 2015 | Age-related cataract in men in the selenium and vitamin e cancer prevention trial eye endpoints Goodman PJ, Lippman SM, Lad TE, Bearden JD, Goodman GE, Minasian LM, Thompson IM Jr, Blanke CD, Klein EA. JAMA Ophthalmol. 2015 Jan;133(1):17-24. PubMed PMID: 25232809; PubMed Central PMCID: PMC4395006. study: a randomized clinical trial. Christen WG, Glynn RJ, Gaziano JM, Darke AK, Crowley JJ, |
| 2015 | A randomized controlled trial of vitamin E and selenium on rate of decline in lung function. Respir Res. 2015 Mar 11;16:35. doi: 10.1186/s12931-015-0195-5. Cassano PA, Guertin KA, Kristal AR, Ritchie KE, Bertoia ML, Arnold KB, Crowley JJ, Hartline J, Goodman PJ, Tangen CM, Minasian LM, Lippman SM, Klein E. PubMed PMID: 25889509; PubMed Central PMCID: PMC4404242. |
| 2016 | Selenium- or Vitamin E-Related Gene Variants, Interaction with Supplementation, and Risk of High-Grade Prostate Cancer in SELECT. Chan JM, Darke AK, Penney KL, Tangen CM, Goodman PJ, Lee GM, Sun T, Peisch S, Tinianow AM, Rae JM, Klein EA, Thompson IM Jr, Kantoff PW, Mucci LA.. Cancer Epidemiol Biomarkers Prev. 2016 Jul;25(7):1050-1058. Epub 2016 May 6. PubMed PMID: 27197287; PubMed Central PMCID: PMC5086806. |
| 2016 | Opportunities and challenges in incorporating ancillary studies into a cancer prevention randomized clinical trial Goodman PJ, Tangen CM, Darke AK, Arnold KB, Hartline J, Yee M, Anderson K, Caban-Holt A, Christen WG, Cassano PA, Lance P, Klein EA, Crowley JJ, Minasian LM, Meyskens FL.. Trials. 2016 Aug 12;17:400. PubMed PMID: 27519183; PubMed Central PMCID: PMC4983010. |

Adenomas in Participants of the SELECT Randomized Trial of Selenium and Vitamin E for Prostate Cancer Prevention. Lance P, Alberts DS, Thompson PA, Fales L, Wang F, San Jose J, Jacobs ET, Goodman PJ, Darke AK, Yee M, Minasian L, Thompson IM, Roe DJ. *Colorectal. Cancer Prev Res (Phila)*. 2017 Jan;10(1):45-54. Epub 2016 Oct 24. PubMed PMID: 27777235; 2017 PubMed Central PMCID: PMC5510661.

Association of Antioxidant Supplement Use and Dementia in the Prevention of Alzheimer's Disease by Vitamin E and Selenium Trial (PREADViSE). Kryscio RJ, Abner EL, Caban-Holt A, Lovell M, Goodman P, Darke AK, Yee M, Crowley J, Schmitt FA. *JAMA Neurol*. 2017 May 2017 1;74(5):567-573. PubMed PMID: 28319243; PubMed Central PMCID: PMC5506489.