

Cervical Dysplasia

REFERENCES

- Ahn WS, Lee JM, et al. Effect of retinoic acid on HPV titration and colposcopic changes in Korean patients with dysplasia of the uterine cervix. *J Cell Biochem Suppl* . 1997;28–29:133–9.
- Ahn WS, Yoo J, et al. Protective effects of green tea extracts (polyphenon E and EGCG) on human cervical lesions. *Eur J Cancer Prev* . 2003 Oct;12(5):383–90.
- Amburgey CF, VanEenwyk J, et al. Undernutrition as a risk factor for cervical intraepithelial neoplasia: A case-control analysis. *Nutr Cancer* . 1993;20(1):51–60.
- Anisimov VN, Zabezhinski MA, et al. Inhibitory effect of melatonin on 7,12-dimethylbenz(a)anthracene-induced carcinogenesis of the uterine cervix and vagina in mice and mutagenesis in vitro. *Cancer Lett* . 2000 Aug 11;156(2):199–205.
- Arends MJ, Buckley CH, et al. Aetiology, pathogenesis, and pathology of cervical neoplasia. *J Clin Pathol* . 1998 Feb;51(2):96–103.
- Aschkenazi-Steinberg SO, Spitzer BJ, et al. The role treatment for cervical intraepithelial neoplasia plays in the disappearance of human papilloma virus. *J Low Genit Tract Dis* . 2005 Jan;9(1):19–22.
- Bekkers RL, Massuger LF, et al. Epidemiological and clinical aspects of human papillomavirus detection in the prevention of cervical cancer. *Rev Med Virol* . 2004 Mar-Apr;14(2):95–105.
- Bell MC, Crowley-Nowick P, et al. Placebo-controlled trial of indole-3-carbinol in the treatment of CIN. *Gynecol Oncol* . 2000 Aug;78(2):123–9.
- Bernatsky S, Ramsey-Goldman R, et al. Factors associated with abnormal Pap results in systemic lupus erythematosus. *Rheumatology (Oxford)* . 2004 Nov;43(11):1386–9.
- Bornstein J, Bahat-Sterensus H. Predictive factors for noncompliance with follow-up among women treated for cervical intraepithelial neoplasia. *Gynecol Obstet Invest* . 2004;58(4):202–6.
- Buckley DI, McPherson RS, et al. Dietary micronutrients and cervical dysplasia in southwestern American Indian women. *Nutr Cancer* . 1992;17(2):179–85.
- Butterworth CE Jr, Hatch KD, et al. Improvement in cervical dysplasia associated with folic acid therapy in users of oral contraceptives. *Am J Clin Nutr* . 1982 Jan;35(1):73–82.
- Butterworth CE Jr, Hatch KD, et al. Oral folic acid supplementation for cervical dysplasia: A clinical intervention trial. *Am J Obstet Gynecol* . 1992 Mar;166(3):803–9.
- Castle PE , Escoffery C, et al. Chlamydia trachomatis, herpes simplex virus 2, and human T-cell lymphotropic virus type 1 are not associated with grade of cervical neoplasia in Jamaican colposcopy patients. *Sex Trans Dis* . 2003 Jul;30(7):575–80.
- Centers for Disease Control Web site. Available at: http://www.cdc.gov/DES/hcp/information/generation/research_generation.html). Accessed October 20, 2005.
- Chearwae W, Anuchapreeda S, et al. Biochemical mechanism of modulation of human P-glycoprotein (ABCB1) by curcumin I, II, and III purified from Turmeric powder. *Biochem Pharmacol* . 2004 Nov 15;68(10):2043–52.
- Chen A, Xu J, et al. Curcumin inhibits human colon cancer cell growth by suppressing gene expression of epidermal growth factor receptor through the activity of the transcription factor Egr-1. *Oncogene* . 2005 Sep 19 (Epub ahead of print).

Chen LD, Leal BZ, et al. Melatonin's inhibitory effect on growth of ME-180 human cervical cancer cells is not related to intracellular glutathione concentrations. *Cancer Lett* . 1995 May 8;91(2):153–9.

Christensen B. Folate deficiency, cancer and congenital abnormalities. Is there a connection? *Tidsskr Nor Laegeforen* . 1996 Jan 20;116(2):250–4.

Comerci JT Jr, Runowicz CD, et al. Induction of transforming growth factor beta-1 in cervical intraepithelial neoplasia in vivo after treatment with beta-carotene. *Clin Cancer Res* . 1997 Feb;3(2):157–60.

Dalstein V, Riethmuller D, et al. Persistence and load of high-risk HPV are predictors for development of high-grade cervical lesions: A longitudinal French cohort study. *Int J Cancer* . 2003 Sep 1;106(3):396–403.

Darwiche N, Celli G, et al. Specificity of retinoid receptor gene expression in mouse cervical epithelia. *Endocrinology* . 1994 May;134(5):2018–25.

Das N, Naik R, et al. Recurrent smear abnormalities where repeat loop treatment is not possible: Is hysterectomy the answer? *Gynecol Oncol* . 2005 Jun;97(3):751–4.

De Vet HC, Knipschild PG, et al. The role of beta-carotene and other dietary factors in the aetiology of cervical dysplasia: Results of a case-control study. *Int J Epidemiol* . 1991 Sep;20(3):603–10.

Duerr A, Kieke B, et al. Human papillomavirus-associated cervical cytologic abnormalities among women with or at risk of infection with immunodeficiency virus. *Am J Obstet Gynecol* . 2001 Mar;184(4):584–90.

Fang J, Lu J, et al. Thioredoxin reductase is irreversibly modified by curcumin: A novel molecular mechanism for its anticancer ability. *J Biol Chem* . 2005 Jul 1;280(26):25284–90.

Flores R, Papenfuss M, et al. Cross-sectional analysis of oncogenic HPV viral load and cervical intraepithelial neoplasia. *Int J Cancer* . 2005 Sep 8 (Epub ahead of print).

Fowler BM, Giuliano AR , et al. Hypomethylation in cervical tissue: Is there a correlation with folate status? *Cancer Epidemiol Biomarkers Prev* . 1998 Oct;7(10):901–906.

French AL, Kirstein LM, et al. Association of vitamin A deficiency with cervical squamous intraepithelial lesions in human-immunodeficiency virus-infected women. *J Infect Dis* . 2000 Oct;182(4):1084–9.

Friedman M, Lee KR, et al. Anticarcinogenic effects of glycoalkaloids from potatoes against human cervical, liver, lymphoma, and stomach cancer cells, *J Agric Food Chem* . 2005 Jul 27;53(15):6162–9.

Furness MS, Robinson TP, et al. Antiangiogenic agents: Studies on fumagillin and curcumin analogs. *Curr Pharm Des* . 2005;11(3):357–73.

Gagandeep, Dhanalakshmi S, et al. Chemopreventive effects of Cuminum cyminum in chemically induced forestomach and uterine cervix tumors in murine model systems. *Nutr Cancer* . 2003;47(2):171–80.

Giuliano AR , Gapstur S. Can cervical dysplasia and cancer be prevented with nutrients? *Nutr Rev* . 1998 Jan;56(1 Pt 1):9–16.

Giuliano AR , Papenfuss M, et al. Antioxidant nutrients: Associations with persistent human papillomavirus infection. *Cancer Epidemiol Biomarkers Prev* . 1997 Nov;6(11):917–23.

Goodman MT , Kiviat N, et al. The association of plasma micronutrients with the risk of cervical dysplasia in Hawaii . *Cancer Epidemiol Biomarkers Prev* . 1998 Jun;7(6):537–44.

Goodman MT , McDuffie K, et al. Association of methylenetetrahydrofolate reductase polymorphism C677T and dietary folate with the risk of cervical dysplasia. *Cancer Epidemiol Biomarkers Prev* . 2001 Dec;10(12):1275–80.

Grail A, Norval M. Copper and zinc levels in serum from patients with abnormalities of the uterine cervix. *Acta Obstet Gynecol Scand* . 1986;65(5):443–7.

Greenlee H, White E, et al. Supplement use among cancer survivors in the Vitamins and Lifestyle (VITAL) study cohort. *J Altern*

Grio R, Placentino R, et al. Antineoplastic activity of antioxidant vitamins: The role of folic acid in the prevention of cervical dysplasia. *Panminerva Med* . 1993 Dec;35(4):193–6.

Hernandez BY, McDuffie K, et al. Diet and premalignant lesions of the cervix: Evidence of a protective role for folate, riboflavin, thiamin, and vitamin B12. *Cancer Causes Control* . 2003 Nov;14(9):859–70.

Ho GY, Palan PR, et al. Viral characteristics of human papillomavirus infection and antioxidant levels as risk factors for cervical dysplasia. *Int J Cancer* . 1998 Nov 23;78(5):594–9.

Holowaty P, Miller AB, et al. Natural history of dysplasia of the uterine cervix. *J Natl Cancer Inst* . 1999 Feb 3;91(3):252–8.

Jones BA, Davey DD. Quality management in gynecologic cytology using interlaboratory comparison. *Arch Pathol Lab Med* . 2000 May;124(5):672–81.

Josefsson AM, Magnusson PK , et al. Viral of human papilloma virus 16 as a determinant for development of cervical carcinoma in situ: A nested case-control study. *Lancet* . 2000 Jun 24;355(9222):2189–93.

Karasek M, Kowalski AJ, et al. Serum melatonin circadian profile in women suffering from the genital tract cancers. *Neuro Endocrinol Lett* . 2000;21(2):109–13.

Karunagaran D, Rashmi R, et al. Induction of apoptosis by curcumin and its implications for cancer therapy. *Curr Cancer Drug Targets* . 2005 Mar;5(2):117–29.

Kim SY, Ko YS, et al. Changes in lipid peroxidation and antioxidant trace elements in serum of women with cervical intraepithelial neoplasia and invasive cancer. *Nutr Cancer* . 2003;47(2):126–30.

Kwanbunjan K, Saengkar P, et al. Folate status of Thai women cervical dysplasia. *Asia Pac J Clin Nutr* . 2004;13(Suppl):S171.

Kwasniewska A, Charzewska J, et al. Dietary factors in women with dysplasia colli uteri associated with human papillomavirus infection. *Nutr Cancer* . 1998;30(1):39–45.

Kwasniewska A, Tukendorf A. Level of retinol in blood serum of women infected with HPV and with dysplastic changes of the cervix. *Med Dosw Mikrobiol* . 1996a;48(1–2):71–7.

Kwasniewska A, Tukendorf A, et al. Frequency of HPV infection and the level of ascorbic acid in serum of women with cervix dysplasia. *Med Dosw Mikrobiol* . 1996b;48(3–4):183–8.

Kwasniewska A, Tukendorf A, et al. Folate deficiency and cervical intraepithelial neoplasia. *Eur J Gynaecol Oncol* . 1997;18(6):526–30.

Lee GJ, Chung HW, et al. Antioxidant vitamins and lipid peroxidation in patients with cervical intraepithelial neoplasia. *J Korean Med Sci* . 2005 Apr;20(2):267–72.

Li SM, Zhang WH, et al. Preliminary study on the relationship between loads of human papillomavirus in cervical carcinoma and cervical intraepithelial neoplasia. *Zhonghua Fu Chan Ke Za Zhi* . 2004 Jun;36(6):400–2.

Limtrakul P, Anuchapreeda S, et al. Modulation of human multidrug-resistance MDR-1 gene by natural curcuminoids. *BMC Cancer* . 2004 Apr 17;4:13.

Liu T, Soong SJ, et al. A case control study of nutritional factors and cervical dysplasia. *Cancer Epidemiol Biomarkers Prev* . 1993 Nov–Dec;2(6):525–30.

Liu T, Soong SJ, et al. A longitudinal analysis of human papillomavirus 16 infection, nutritional status, and cervical dysplasia progression. *Cancer Epidemiol Biomarkers Prev* . 1995 Jun;4(4):373–80.

Maclean J, Rybicki EP, et al. Vaccination strategies for the prevention of cervical cancer. *Expert Rev Anticancer Ther* . 2005 Feb;5(1):97–107.

Maissi E, Marteau TM, et al. Psychological impact of human papillomavirus testing in women with borderline or mildly dyskaryotic cervical smear test results: Cross sectional questionnaire study. *BMJ* . 2004 May 29;328(7451):1293.

Malouf MA, Hopkins PM, et al. Sexual health issues after lung transplantation: Importance of cervical screening. *J Heart Lung Transplant* . 2004 Jul;23(7):894–7.

Marshall K. Cervical dysplasia: Early intervention. *Altern Med Rev* . 2003 May;8(2):156–70.

McIndoe WA, McLean MR, et al. The invasive potential of carcinoma in situ of the cervix. *Obstet Gynecol* . 1984 Oct;64(4):451–8.

Munoz N, Franseschi S, et al. Role of parity and human papillomavirus in cervical cancer: The IARC multicentric case-control study. *Lancet* . 2002 Mar 30;359(9312):1093–1101.

Nagai S, Kurimoto M, et al. Inhibition of cellular proliferation and induction of apoptosis by curcumin in human malignant astrocytoma cell lines. *J Neurooncol* . 2005 Sep;74(2):105–11.

Nagata C, Shimizu H, et al. Serum retinol level and risk of subsequent cervical cancer in cases with cervical dysplasia. *Cancer Invest* . 1999;17(4):253–8.

Nicol AF, Fernandez AT, et al. Immune response in cervical dysplasia induced by human papillomavirus: The influence of human immunodeficiency virus-1 co-infection—review. *Mem Inst Oswaldo Cruz* . 2005 Feb;100(1):1–12

Ozsaran AA, Ates T, et al. Evaluation of the risk of cervical intraepithelial neoplasia and human papillomavirus infection in renal transplant patients receiving immunosuppressive therapy. *Eur J Gynaecol Oncol* . 1999;20(2):127–30.

Palan PR, Mikhail MS, et al. Plasma levels of antioxidant beta-carotene and alpha-tocopherol in uterine cervix dysplasias and cancer. *Nutr Cancer* . 1991;15(1):13–20.

Palan PR, Mikhail MS, et al. Plasma levels of beta-carotene, lycopene, canthaxanthin, retinol, and alpha- and tau-tocopherol in cervical intraepithelial neoplasia and cancer. *Clin Cancer Res* . 1996 Jan;2(1):181–5.

Palan PR, Mikhail MS, et al. Plasma concentrations of coenzyme Q10 and tocopherols in cervical intraepithelial neoplasia and cervical cancer. *Eur J Cancer Prev* . 2003 Aug;12(4):321–6.

Palan PR, Woodall AL, et al. Alpha-tocopherol and alpha-tocopherol quinone levels in cervical intraepithelial neoplasia and cervical cancer. *Am J Obstet Gynecol* . 2004 May;190(5):1407–10.

Panzer A, Lottering ML, et al. Melatonin has no effect on the growth, morphology or cell cycle of human breast cancer (MCF-7), cervical cancer (HeLa), osteosarcoma (MG-63) or lymphoblastoid (TK6) cells. *Cancer Lett* . 1998 Jan 9;122(1–2):17–23.

Pereira DB, Antoni MH, et al. Inhibited interpersonal coping style predicts poorer adherence to scheduled clinic visits in human immunodeficiency virus infected women at risk for cervical cancer. *Ann Behav Med* . 2004 Dec;28(3):195–202.

Piyathilake CJ, Macaluso M, et al. Methylenetetrahydrofolate reductase (MTHFR) polymorphism increases the risk of cervical intraepithelial neoplasia. *Anticancer Res* . 2000 May-Jun;20(3A):1751–7.

Potischman N, Brinton LA. Nutrition and cervical neoplasia. *Cancer Causes Control* . 1996 Jan;7(1):113–26.

Potischman N, Brinton LA, et al. A case-control study of serum folate levels and invasive cervical cancer. *Cancer Res* . 1991 Sep 15;51(18):4785–9.

Prusty BK, Das BC . Constitutive activation of transcription factor AP-1 in cervical cancer and suppression of human papillomavirus HPV transcription and AP-1 activity in HeLa cells by curcumin. *Int J Cancer* . 2005 Mar 1;113(6):951–60.

Ramachandran C, Rodriguez S, et al. Expression profiles of apoptotic genes induced by curcumin in human breast cancer and mammary epithelial cell lines. *Anticancer Res* . 2005 Sep–Oct;25(5):3293–3302.

Ramaswamy PJ, Natarajan R. Vitamin B6 status in patients with cancer of the uterine cervix. *Nutr Cancer* . 1984;6(3):176–80.

Robinson WR, Andersen J, et al. Isotretinoin for low-grade cervical dysplasia in human immunodeficiency virus-infected women.

Obstet Gynecol . 2002 May;99(5 Pt 1):777–84.

Rock CL, Michael CW, et al. Prevention of cervix cancer. *Crit Rev Oncol Hematol* . 2000 Mar;33(3):169–85.

Romney SL, Duttgupta S, et al. Plasma vitamin C and uterine cervical dysplasia. *Am J Obstet Gynecol* . 1985 Apr 1;151(7):976–80.

Romney SL, Ho GY, et al. Effects of beta-carotene and other factors on outcome of cervical dysplasia and human papillomavirus infection. *Gynecol Oncol* . 1997 Jun;65(3):483–92.

Romney SL, Palan PR, et al. Retinoids and the prevention of cervical dysplasias. *Am J Obstet Gynecol* . 1981 Dec 15;141(8):890–4.

Rybnikov VI. Trace element content in the blood and tissues of patients with precancerous and precursor diseases of the female genitalia. *Vopr Onkol* . 1985;31(3):18–21.

Schlecht NF , Trevisan A, et al. Viral load as a predictor of the risk of cervical intraepithelial neoplasia. *Int J Cancer* . 2003 Feb 10;103(4):519–24.

Sedjo RL, Fowler BM, et al. Folate, vitamin B12, and homocysteine status: Findings of no relation between human papillomavirus persistence and cervical dysplasia. *Nutrition* . 2003 Jun;19(6):839–46.

Sedjo RL, Inserra P, et al. Human papillomavirus persistence and nutrients involved in the methylation pathway among a cohort of young women. *Cancer Epidemiol Biomarkers Prev* . 2002 Apr;11(4):353–9.

Seo WG, Hwang JC, et al. Suppressive effect of *Zedoariae rhizoma* on pulmonary metastasis of B16 melanoma cells. *J Ethnopharmacol* . 2005 Oct 3;101(1–3):249–57.

Sepkovic DW, Bradlow HL, et al. Quantitative determination of 3,3'-diinoly methane in urine of individuals receiving indole-3-carbinol. *Nutr Cancer* . 2001;41(1–2):57–63.

Shannon J, Thomas DB, et al. Dietary risk factors for invasive and in-situ cervical carcinomas in Bangkok , Thailand . *Cancer Causes Control* . 2002 Oct;13(8):691–9.

Sharma RA, Gescher AJ, et al. Curcumin: The story so far. *Eur J Cancer* . 2005 Sep;41(13):1955–68.

Shinn E, Basen-Engquist K, et al. Distress after an abnormal Pap smear result: Scale development and psychometric validation. *Prev Med* . 2004 Aug;39(2):404–12.

Smith JS, Herrero R, et al. Herpes simplex virus-2 as a human papillomavirus cofactor in the etiology of invasive cervical cancer. *J Natl Cancer Inst* . 2002a Nov 6;94(21):1604–13.

Smith JS, Munoz N, et al. Evidence for *Chlamydia trachomatis* as a human papillomavirus cofactor in the etiology of invasive cervical cancer in Brazil and the Philippines . *J Infect Dis* . 2002b Feb 1;185(3):324–31.

Surh YJ. Molecular mechanisms of chemopreventive effects of selected dietary and medicinal phenolic substances. *Mutat Res* . 1999 Jul 16;428(1–2):305–27.

Stanley MA . Progress in prophylactic and therapeutic vaccines for human papillomavirus infection. *Expert Rev Vaccines* . 2003a Jun;2(3):381-9. Review.

Stanley M. Chapter 17: Genital human papillomavirus infections--current and prospective therapies. *J Natl Cancer Inst Monogr* . 2003b;(31):117-24. Review.

Tay SK , Tay KJ. Passive cigarette smoking is a risk factor in cervical neoplasia. *Gynecol Oncol* . 2004 Apr;93(1):116–20.

Thomson SW, Heimbarger DC , et al. Effect of total plasma homocysteine on cervical dysplasia risk. *Nutr Cancer* . 2000;37(2):128–33.

Tilak JC, Banerjee M, et al. Antioxidant availability of turmeric in relation to its medicinal and culinary uses. *Phytother Res* . 2004

Oct;18(10):798–804.

Torrens I, Mendoza O, et al. Immunotherapy with CTL peptide and VSSP eradicated established human papillomavirus (HPV) type 16 E7-expressing tumors. *Vaccine* . 2005 Aug 17 (Epub ahead of print).

Tran-Thanh D, Provencher D, et al. Herpes simplex virus type II is not a cofactor to human papillomavirus in cancer of the uterine cervix. *Am J Obstet Gynecol* . 2003 Jan;188(1):129–34.

Villa LL. Prophylactic HPV vaccines: Reducing the burden of HPV-related diseases. *Vaccine* . 2005 Sep 26 (Epub ahead of print).

Vlastos AT, Schottenfeld D, et al. Biomarkers and their use in cervical cancer chemoprevention. *Crit Rev Oncol Hematol* . 2003 Jun;46(3):261–73.

Volz J, van Rissenbeck A, et al. Changes in the vitamin A status in dysplastic epithelium of the cervix. *Zentralbl Gynakol* . 1995;117(9):472–5.

Wassertheil-Smoller S, Romney SL, et al. Dietary vitamin C and uterine cervical dysplasia. *Am J Epidemiol* . 1981 Nov;114(5):714–24.

Weber WM, Hunsaker LA, et al. Anti-oxidant activities of curcumin and related enones. *Bioorg Med Chem* . 2005 Jun 1;13(11):3811–20.

Wee CC, McCarthy EP, et al. Screening for cervical and breast cancer: Is obesity an unrecognized barrier to preventive care? *Ann Intern Med* . 2000 May 2;132(9):697–704.

Weinstein SJ, Ziegler RG, et al. Low serum and red blood cell folate are moderately, but nonsignificantly associated with increased risk of invasive cervical cancer in U.S. women. *J Nutr* . 2001 Jul;131(7):2040–8.

Wright TC, Cox JT. Human papillomaviruses natural history of infections. In: *Clinical Uses for Human Papillomavirus (HPV) DNA Testing* . American Society for Colposcopy and Cervical Pathology 2004.

Wylie-Rosett JA, Romney SL, et al. Influence of vitamin A on cervical dysplasia and carcinoma in situ. *Nutr Cancer* . 1984;6(1):49–57.

Yeo AS , Schiff MA, et al. Serum micronutrients and cervical dysplasia in Southwestern American Indian women. *Nutr Cancer* . 2000;38(2):141–50.

Ylitalo N, Sorensen P, et al. Consistent high viral load of human papillomavirus 16 and risk of cervical carcinoma in situ: A nested case-control study. *Lancet* . 2000 Jun 24;355(9222):2194–8.

Zarcone R, Bellini P, et al. Folic acid and cervix dysplasia. *Minerva Ginecol* . 1996 Oct;48(10):397–400.

Ziegler RG. Epidemiological studies of vitamins and cancer of the lung, esophagus, and cervix. *Adv Exp Med Biol* . 1986;206:11–26.

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