

References

- Al-Kalbani M, McVeigh G, Nagar H, McCluggage WG (2012). Do FIGO stage IA and small (≤ 2 cm) IB1 cervical adenocarcinomas have a good prognosis and warrant less radical surgery? *Int J Gynecol Cancer*. 22(2):291–5. <http://dx.doi.org/10.1097/IGC.0b013e3182339fff> PMID:22080884
- Anderson M (1986). Are we vaporizing microinvasive lesions? In: Sharp F, Jordan JA, editors. *Gynaecological laser surgery: proceedings of the Fifteenth Study Group of the Royal College of Obstetricians and Gynaecologists*. Ithaca (NY), USA: Perinatology Press; pp. 127–31.
- Anderson MC, Hartley RB (1980). Cervical crypt involvement by intraepithelial neoplasia. *Obstet Gynecol*. 55(5):546–50. PMID:7366912
- Arbyn M, Kyrgiou M, Simoens C, Raifu AO, Koliopoulos G, Martin-Hirsch P, et al. (2008). Perinatal mortality and other severe adverse pregnancy outcomes associated with treatment of cervical intraepithelial neoplasia: meta-analysis. *BMJ*. 337:a1284. <http://dx.doi.org/10.1136/bmj.a1284> PMID:18801868
- Arbyn M, Paraskevaidis E, Martin-Hirsch P, Prendiville W, Dillner J (2005). Clinical utility of HPV-DNA detection: triage of minor cervical lesions, follow-up of women treated for high-grade CIN: an update of pooled evidence. *Gynecol Oncol*. 99(3 Suppl 1):S7–11. <http://dx.doi.org/10.1016/j.ygyno.2005.07.033> PMID:16154623
- Arbyn M, Rebolj M, De Kok IM, Fender M, Becker N, O'Reilly M, et al. (2009). The challenges of organising cervical screening programmes in the 15 old member states of the European Union. *Eur J Cancer*. 45(15):2671–8. <http://dx.doi.org/10.1016/j.ejca.2009.07.016> PMID:19695867
- Arbyn M, Roelens J, Simoens C, Buntinx F, Paraskevaidis E, Martin-Hirsch PP, et al. (2013). Human papillomavirus testing versus repeat cytology for triage of minor cytological cervical lesions. *Cochrane Database Syst Rev*. 3:CD008054. PMID:23543559
- ASCUS-LSIL Triage Study (ALTS) Group (2003a). A randomized trial on the management of low-grade squamous intraepithelial lesion cytology interpretations. *Am J Obstet Gynecol*. 188(6):1393–400. [http://dx.doi.org/10.1016/S0002-9378\(03\)00413-7](http://dx.doi.org/10.1016/S0002-9378(03)00413-7) PMID:12824968
- ASCUS-LSIL Triage Study (ALTS) Group (2003b). Results of a randomized trial on the management of cytology interpretations of atypical squamous cells of undetermined significance. *Am J Obstet Gynecol*. 188(6):1383–92. [http://dx.doi.org/10.1016/S0002-9378\(03\)00418-6](http://dx.doi.org/10.1016/S0002-9378(03)00418-6) PMID:12824967
- Baldauf JJ, Dreyfus M, Ritter J, Cuenin C, Tissier I, Meyer P (1998). Cytology and colposcopy after loop electrosurgical excision: implications for follow-up. *Obstet Gynecol*. 92(1):124–30. [http://dx.doi.org/10.1016/S0002-7844\(98\)00144-6](http://dx.doi.org/10.1016/S0002-7844(98)00144-6) PMID:9649107
- Bar-Am A, Gamzu R, Levin I, Fainaru O, Niv J, Almog B (2003). Follow-up by combined cytology and human papillomavirus testing for patients post-cone biopsy: results of a long-term follow-up. *Gynecol Oncol*. 91(1):149–53. [http://dx.doi.org/10.1016/S0090-8258\(03\)00435-9](http://dx.doi.org/10.1016/S0090-8258(03)00435-9) PMID:14529675
- Basu P, Mittal S, Banerjee D, Singh P, Panda C, Dutta S, et al. (2015). Diagnostic accuracy of VIA and HPV detection as primary and sequential screening tests in a cervical cancer screening demonstration project in India. *Int J Cancer*. 137(4):859–67. <http://dx.doi.org/10.1002/ijc.29458> PMID:25631198
- Bekkers RL, Melchers WJ, Bakkers JM, Hanselaar AG, Quint WG, Boonstra H, et al. (2002). The role of genotype-specific human papillomavirus detection in diagnosing residual cervical intraepithelial neoplasia. *Int J Cancer*. 102(2):148–51. <http://dx.doi.org/10.1002/ijc.10691> PMID:12385010
- Benedet JL, Nickerson KG, White GW (1981). Laser therapy for cervical intraepithelial neoplasia. *Obstet Gynecol*. 58(2):188–91. PMID:7254731
- Bergeron C, Ordi J, Schmidt D, Trunk MJ, Keller T, Ridder R; European CINtec Histology Study Group (2010). Conjunctive p16^{INK4a} testing significantly increases accuracy in diagnosing high-grade cervical intraepithelial neoplasia. *Am J Clin Pathol*. 133(3):395–406. <http://dx.doi.org/10.1309/AJCPXSVCDZ3D5MZM> PMID:20154278
- Bergeron C, Ronco G, Reuschenbach M, Wentzensen N, Arbyn M, Stoler M, et al. (2015). The clinical impact of using p16^{INK4a} immunohistochemistry in cervical histopathology and cytology: an update of recent developments. *Int J Cancer*. 136(12):2741–51. <http://dx.doi.org/10.1002/ijc.28900> PMID:24740700
- Bertrand M, Lickrish GM, Colgan TJ (1987). The anatomic distribution of cervical adenocarcinoma in situ: implications for treatment. *Am J Obstet Gynecol*. 157(1):21–5. [http://dx.doi.org/10.1016/S0002-9378\(87\)80338-1](http://dx.doi.org/10.1016/S0002-9378(87)80338-1) PMID:3605256
- Bodner K, Bodner-Adler B, Wierrani F, Kimberger O, Denk C, Grünberger W (2002). Is therapeutic conization sufficient to eliminate a high-risk HPV infection of the uterine cervix? A clinicopathological analysis. *Anticancer Res*. 22(6B):3733–6. PMID:12552985

- Bornstein J, Bentley J, Bösze P, Girardi F, Haefner H, Menton M, et al. (2012a). 2011 Colposcopic terminology of the International Federation for Cervical Pathology and Colposcopy. *Obstet Gynecol.* 120(1):166–72. <http://dx.doi.org/10.1097/AOG.0b013e318254f90c> PMID:22914406
- Bornstein J, Sideri M, Tatti S, Walker P, Prendiville W, Haefner HK; Nomenclature Committee of International Federation for Cervical Pathology and Colposcopy (2012b). 2011 Terminology of the vulva of the International Federation for Cervical Pathology and Colposcopy. *J Low Genit Tract Dis.* 16(3):290–5. <http://dx.doi.org/10.1097/LGT.0b013e31825934c7> PMID:22659778
- Bosch FX, Manos MM, Muñoz N, Sherman M, Jansen AM, Peto J, et al.; International Biological Study on Cervical Cancer (IBSCC) Study Group (1995). Prevalence of human papillomavirus in cervical cancer: a worldwide perspective. *J Natl Cancer Inst.* 87(11):796–802. <http://dx.doi.org/10.1093/jnci/87.11.796> PMID:7791229
- Bowring J, Strander B, Young M, Evans H, Walker P (2010). The Swede score: evaluation of a scoring system designed to improve the predictive value of colposcopy. *J Low Genit Tract Dis.* 14(4):301–5. <http://dx.doi.org/10.1097/LGT.0b013e3181d77756> PMID:20885156
- Broders AC (1932). Carcinoma in situ contrasted with benign penetrating epithelium. *J Am Med Assoc.* 99(20):1670. <http://dx.doi.org/10.1001/jama.1932.02740720024007>
- Bucchi L, Cristiani P, Costa S, Schincaglia P, Garutti P, Sassoli de Bianchi P, et al. (2013). Rationale and development of an on-line quality assurance programme for colposcopy in a population-based cervical screening setting in Italy. *BMC Health Serv Res.* 13(1):237. <http://dx.doi.org/10.1186/1472-6963-13-237> PMID:23809615
- Camargo MJ, Russomano FB, Tristão MA, Huf G, Prendiville W (2015). Large loop versus straight-wire excision of the transformation zone for treatment of cervical intraepithelial neoplasia: a randomised controlled trial of electrosurgical techniques. *BJOG.* 122(4):552–7. <http://dx.doi.org/10.1111/1471-0528.13200> PMID:25516462
- Carcopino X, Barde K, Petrovic M, Beucher G, Capmas P, Huchon C, et al. (2014). Threatened late miscarriage. French guidelines [in French]. *J Gynecol Obstet Biol Reprod (Paris).* 43(10):842–55. <http://dx.doi.org/10.1016/j.jgyn.2014.09.015> PMID:25447364
- Carcopino X, Mancini J, Charpin C, Grisot C, Maycock JA, Houvenaeghel G, et al. (2013). Direct colposcopic vision used with the LLETZ procedure for optimal treatment of CIN: results of joint cohort studies. *Arch Gynecol Obstet.* 288(5):1087–94. <http://dx.doi.org/10.1007/s00404-013-2882-0> PMID:23670207
- Cartier R, Cartier I (1993). *Practical colposcopy*. Paris, France: Laboratoire Cartier.
- Castanon A, Landy R, Brocklehurst P, Evans H, Peebles D, Singh N, et al.; PaCT Study Group (2014). Risk of preterm delivery with increasing depth of excision for cervical intraepithelial neoplasia in England: nested case-control study. *BMJ.* 349:g6223. <http://dx.doi.org/10.1136/bmj.g6223> PMID:25378384
- Castle PE, Sideri M, Jeronimo J, Solomon D, Schiffman M (2007). Risk assessment to guide the prevention of cervical cancer. *Am J Obstet Gynecol.* 197(4):356.e1–6. <http://dx.doi.org/10.1016/j.ajog.2007.07.049> PMID:17904958
- Ceccaroni M, Roviglione G, Spagnolo E, Casadio P, Clarizia R, Peiretti M, et al. (2012). Pelvic dysfunctions and quality of life after nerve-sparing radical hysterectomy: a multicenter comparative study. *Anticancer Res.* 32(2):581–8. PMID:22287748
- Chanen W, Rome RM (1983). Electrocoagulation diathermy for cervical dysplasia and carcinoma in situ: a 15-year survey. *Obstet Gynecol.* 61(6):673–9. PMID:6843923
- Chappatte OA, Byrne DL, Raju KS, Naya-gam M, Kenney A (1991). Histological differences between colposcopic-directed biopsy and loop excision of the transformation zone (LETZ): a cause for concern. *Gynecol Oncol.* 43(1):46–50. [http://dx.doi.org/10.1016/0090-8258\(91\)90007-R](http://dx.doi.org/10.1016/0090-8258(91)90007-R) PMID:1959787
- Chemoradiotherapy for Cervical Cancer Meta-Analysis Collaboration (2008). Reducing uncertainties about the effects of chemoradiotherapy for cervical cancer: a systematic review and meta-analysis of individual patient data from 18 randomized trials. *J Clin Oncol.* 26(35):5802–12. <http://dx.doi.org/10.1200/JCO.2008.16.4368> PMID:19001332
- Chemoradiotherapy for Cervical Cancer Meta-analysis Collaboration (CCCMAC) (2010). Reducing uncertainties about the effects of chemoradiotherapy for cervical cancer: individual patient data meta-analysis. *Cochrane Database Syst Rev.* 1:CD008285. PMID:20091664
- Chew GK, Jandial L, Paraskevaidis E, Kitchener HC (1999). Pattern of CIN recurrence following laser ablation treatment: long-term follow-up. *Int J Gynecol Cancer.* 9(6):487–90. <http://dx.doi.org/10.1046/j.1525-1438.1999.99066.x> PMID:11240816
- Chua KL, Hjerpe A (1997). Human papillomavirus analysis as a prognostic marker following conization of the cervix uteri. *Gynecol Oncol.* 66(1):108–13. <http://dx.doi.org/10.1006/gyno.1997.4753> PMID:9234930
- Coppola A, Sorosky J, Casper R, Anderson B, Buller RE (1997). The clinical course of cervical carcinoma in situ diagnosed during pregnancy. *Gynecol Oncol.* 67(2):162–5. <http://dx.doi.org/10.1006/gyno.1997.4856> PMID:9367700

- Coupé VM, Berkhof J, Verheijen RH, Meijer CJ (2007). Cost-effectiveness of human papillomavirus testing after treatment for cervical intraepithelial neoplasia. *BJOG*. 114(4):416–24. <http://dx.doi.org/10.1111/j.1471-0528.2007.01265.x> PMID:17378816
- Cox JT (2005). Management of women with cervical cytology interpreted as ASC-US or as ASC-H. *Clin Obstet Gynecol*. 48(1):160–77. <http://dx.doi.org/10.1097/01.grf.0000151571.91814.f3> PMID:15725868
- Crisp WE, Asadourian L, Romberger W (1967). Application of cryosurgery to gynecologic malignancy. *Obstet Gynecol*. 30(5):668–73. PMID:4167866
- Cruikshank ME, Cotton SC, Sharp L, Smart L, Walker LG, Little J; TOMBOLA Group (2015). Management of women with low grade cytology: how reassuring is a normal colposcopy examination? *BJOG*. 122(3):380–6. <http://dx.doi.org/10.1111/1471-0528.12932> PMID:24947656
- Cullen TS (1900). *Cancer of the uterus: its pathology, symptomatology, diagnosis, and treatment*. New York, USA: Appleton.
- Cullimore J (2003). The management of atypical intraepithelial glandular lesions. In: Prendiville W, Ritter J, Tatti S, Twiggs L, editors. *Colposcopy: management options*. Saunders; pp. 165–70.
- Cullimore JE, Luesley DM, Rollason TP, Byrne P, Buckley CH, Anderson M, et al. (1992). A prospective study of conization of the cervix in the management of cervical intraepithelial glandular neoplasia (CIGN) – a preliminary report. *Br J Obstet Gynaecol*. 99(4):314–8. <http://dx.doi.org/10.1111/j.1471-0528.1992.tb13730.x> PMID:1316142
- Dargent D, Burn JL, Roy M, Remi I (1994). Pregnancies following radical trachelectomy for invasive cervical cancer. *Gynecol Oncol*. 52:105.
- Darragh TM, Colgan TJ, Cox JT, Heller DS, Henry MR, Luff RD, et al.; Members of LAST Project Work Groups (2012). The Lower Anogenital Squamous Terminology Standardization Project for HPV-Associated Lesions: background and consensus recommendations from the College of American Pathologists and the American Society for Colposcopy and Cervical Pathology. *Arch Pathol Lab Med*. 136(10):1266–97. <http://dx.doi.org/10.5858/arpa.LGT200570> PMID:22742517
- Denny L, Prendiville W (2015). Cancer of the cervix: early detection and cost-effective solutions. *Int J Gynecol Obstet*. 131(Suppl 1):S28–32. <http://dx.doi.org/10.1016/j.ijgo.2015.02.009> PMID:26433500
- Dobbs SP, Asmussen T, Nunns D, Hollingworth J, Brown LJ, Ireland D (2000). Does histological incomplete excision of cervical intraepithelial neoplasia following large loop excision of transformation zone increase recurrence rates? A six year cytological follow up. *BJOG*. 107(10):1298–301. <http://dx.doi.org/10.1111/j.1471-0528.2000.tb11623.x> PMID:11028584
- Dolman L, Sauvaget C, Muwonge R, Sankaranarayanan R (2014). Meta-analysis of the efficacy of cold coagulation as a treatment method for cervical intraepithelial neoplasia: a systematic review. *BJOG*. 121(8):929–42. <http://dx.doi.org/10.1111/1471-0528.12655> PMID:24597779
- Doorbar J (2006). Molecular biology of human papillomavirus infection and cervical cancer. *Clin Sci (Lond)*. 110(5):525–41. <http://dx.doi.org/10.1042/CS20050369> PMID:16597322
- Doorbar J, Quint W, Banks L, Bravo IG, Stoler M, Broker TR, et al. (2012). The biology and life-cycle of human papillomaviruses. *Vaccine*. 30(Suppl 5):F55–70. <http://dx.doi.org/10.1016/j.vaccine.2012.06.083> PMID:23199966
- Duensing S, Münger K (2004). Mechanisms of genomic instability in human cancer: insights from studies with human papillomavirus oncoproteins. *Int J Cancer*. 109(2):157–62. <http://dx.doi.org/10.1002/ijc.11691> PMID:14750163
- Duncan ID (1983). The Semm cold coagulator in the management of cervical intraepithelial neoplasia. *Clin Obstet Gynecol*. 26(4):996–1006. <http://dx.doi.org/10.1097/00003081-198312000-00022> PMID:6661847
- Duncan I (1984). Destruction of cervical intraepithelial neoplasia at 100°C with the Semm coagulator. In: Heintz APM, Griffiths CT, Trimpos JB, editors. *Surgery in gynecological oncology*. The Hague, Netherlands: Martinus Nijhoff Publishers; pp. 71–85. http://dx.doi.org/10.1007/978-94-009-6750-2_8
- Elfgren K, Bistoletti P, Dillner L, Walboomers JM, Meijer CJ, Dillner J (1996). Conization for cervical intraepithelial neoplasia is followed by disappearance of human papillomavirus deoxyribonucleic acid and a decline in serum and cervical mucus antibodies against human papillomavirus antigens. *Am J Obstet Gynecol*. 174(3):937–42. [http://dx.doi.org/10.1016/S0002-9378\(96\)70330-7](http://dx.doi.org/10.1016/S0002-9378(96)70330-7) PMID:8633673
- Faro S (2006). Common non-viral infections of the cervix: clinical features and management. In: Jordan JA, Singer A, editors. *The cervix*. Oxford, UK: Blackwell Publishing; pp. 231–43. <http://dx.doi.org/10.1002/9781444312744.ch16>
- Fergusson IL, Craft IL (1974). A new “cold coagulator” for use in the outpatient treatment of cervical erosion. *J Obstet Gynaecol Br Commonw*. 81(4):324–7. <http://dx.doi.org/10.1111/j.1471-0528.1974.tb00469.x> PMID:4824692
- Ferris DG, Litaker MS; ALTS Group (2006). Prediction of cervical histologic results using an abbreviated Reid Colposcopic Index during ALTS. *Am J Obstet Gynecol*. 194(3):704–10. <http://dx.doi.org/10.1016/j.ajog.2005.10.204> PMID:16522401
- Flannely G, Bolger B, Fawzi H, De Lopes AB, Monaghan JM (2001). Follow up after LLETZ: could schedules be modified according to risk of recurrence? *BJOG*. 108(10):1025–30. <http://dx.doi.org/10.1111/j.1471-0528.2001.00240.x> PMID:11702832

- Franco EL, Rohan TE, Villa LL (1999). Epidemiologic evidence and human papillomavirus infection as a necessary cause of cervical cancer. *J Natl Cancer Inst.* 91(6):506–11. <http://dx.doi.org/10.1093/jnci/91.6.506> PMID:10088620
- Freeman-Wang T, Walker PG (2006). The management of cervical malignancy and pre-malignancy in pregnancy. In: Jordan JA, Singer A, editors. *The cervix*. Oxford, UK: Blackwell Publishing; pp. 491–503. <http://dx.doi.org/10.1002/9781444312744.ch34>
- Fujii S, Takakura K, Matsumura N, Higuchi T, Yura S, Mandai M, et al. (2007). Anatomic identification and functional outcomes of the nerve sparing Okabayashi radical hysterectomy. *Gynecol Oncol.* 107(1):4–13. <http://dx.doi.org/10.1016/j.ygyno.2007.08.076> PMID:17905140
- Gardeil F, Barry-Walsh C, Prendiville W, Clinch J, Turner MJ (1997). Persistent intraepithelial neoplasia after excision for cervical intraepithelial neoplasia grade III. *Obstet Gynecol.* 89(3):419–22. [http://dx.doi.org/10.1016/S0029-7844\(96\)00505-4](http://dx.doi.org/10.1016/S0029-7844(96)00505-4) PMID:9052597
- Gemer O, Eitan R, Gdalevich M, Mamanov A, Piura B, Rabinovich A, et al. (2013). Can parametrectomy be avoided in early cervical cancer? An algorithm for the identification of patients at low risk for parametrial involvement. *Eur J Surg Oncol.* 39(1):76–80. <http://dx.doi.org/10.1016/j.ejso.2012.10.013> PMID:23131429
- Ghaem-Maghani S, De-Silva D, Tipples M, Lam S, Perryman K, Soutter W (2011). Determinants of success in treating cervical intraepithelial neoplasia. *BJOG.* 118(6):679–84. <http://dx.doi.org/10.1111/j.1471-0528.2010.02770.x> PMID:21083861
- Ghaem-Maghani S, Sagi S, Majeed G, Soutter WP (2007). Incomplete excision of cervical intraepithelial neoplasia and risk of treatment failure: a meta-analysis. *Lancet Oncol.* 8(11):985–93. [http://dx.doi.org/10.1016/S1470-2045\(07\)70283-8](http://dx.doi.org/10.1016/S1470-2045(07)70283-8) PMID:17928267
- Gök M, Coupé VM, Berkhof J, Verheijen RH, Helmerhorst TJ, Hogewoning CJ, et al. (2007). HPV16 and increased risk of recurrence after treatment for CIN. *Gynecol Oncol.* 104(2):273–5. <http://dx.doi.org/10.1016/j.ygyno.2006.10.011> PMID:17157365
- Gordon HK, Duncan ID (1991). Effective destruction of cervical intraepithelial neoplasia (CIN) 3 at 100°C using the Semm cold coagulator: 14 years experience. *Br J Obstet Gynaecol.* 98(1):14–20. <http://dx.doi.org/10.1111/j.1471-0528.1991.tb10304.x> PMID:1998626
- Gortzak-Uzan L, Jimenez W, Nofech-Mozes S, Ismiil N, Khalifa MA, Dubé V, et al. (2010). Sentinel lymph node biopsy vs. pelvic lymphadenectomy in early stage cervical cancer: is it time to change the gold standard? *Gynecol Oncol.* 116(1):28–32. <http://dx.doi.org/10.1016/j.ygyno.2009.10.049> PMID:19875161
- Green J, Kirwan J, Tierney J, Vale C, Symonds P, Fresco L, et al. (2005). Concomitant chemotherapy and radiation therapy for cancer of the uterine cervix. *Cochrane Database Syst Rev.* 3:CD002225. PMID:16034873
- Haddad NG, Hussein IY, Blessing K, Kerr-Wilson R, Smart GE (1988). Tissue destruction following cold coagulation of the cervix. *Colposcopy Gynecol Laser Surg.* 4(1):23–7. <http://dx.doi.org/10.1089/gyn.1988.4.23>
- Hammes LS, Naud P, Passos EP, Matos J, Brouwers K, Rivoire W, et al. (2007). Value of the International Federation for Cervical Pathology and Colposcopy (IFCPC) Terminology in predicting cervical disease. *J Low Genit Tract Dis.* 11(3):158–65. <http://dx.doi.org/10.1097/01.lgt.0000265778.36797.03> PMID:17596761
- Hatch KD, Shingleton HM, Austin JM Jr, Soong SJ, Bradley DH (1981). Cryosurgery of cervical intraepithelial neoplasia. *Obstet Gynecol.* 57(6):692–8. PMID:7231822
- Hicks DA (2002). Colposcopy in the setting of a genitourinary clinic. In: Luesley DM, Shafi MI, Jordan JA, editors. *Handbook of colposcopy*. 2nd ed. London, UK: Hodder Arnold; pp. 138–46.
- Houfflin Debarge V, Collinet P, Vinatier D, Ego A, Dewilde A, Boman F, et al. (2003). Value of human papillomavirus testing after conization by loop electrosurgical excision for high-grade squamous intraepithelial lesions. *Gynecol Oncol.* 90(3):587–92. [http://dx.doi.org/10.1016/S0090-8258\(03\)00372-X](http://dx.doi.org/10.1016/S0090-8258(03)00372-X) PMID:13678729
- Howe DT, Vincenti AC (1991). Is large loop excision of the transformation zone (LLETZ) more accurate than colposcopically directed punch biopsy in the diagnosis of cervical intraepithelial neoplasia? *Br J Obstet Gynaecol.* 98(6):588–91. <http://dx.doi.org/10.1111/j.1471-0528.1991.tb10376.x> PMID:1651758
- IARC (2005). Cervix cancer screening. *IARC Handb Cancer Prev.* 10:1–302. Available from: <http://publications.iarc.fr/380>.
- IARC (2007). Human papillomaviruses. *IARC Monogr Eval Carcinog Risks Hum.* 90:1–636. PMID:18354839. Available from: <http://publications.iarc.fr/108>.
- Ikenberg H, Bergeron C, Schmidt D, Griesser H, Alameda F, Angeloni C, et al.; PALMS Study Group (2013). Screening for cervical cancer precursors with p16/Ki-67 dual-stained cytology: results of the PALMS study. *J Natl Cancer Inst.* 105(20):1550–7. <http://dx.doi.org/10.1093/jnci/djt235> PMID:24096620
- Jain S, Tseng CJ, Horng SG, Soong YK, Pao CC (2001). Negative predictive value of human papillomavirus test following conization of the cervix uteri. *Gynecol Oncol.* 82(1):177–80. <http://dx.doi.org/10.1006/gyno.2001.6241> PMID:11426982
- Jarruwale P, Huang K-G, Benavides DR, Su H, Lee C-L (2013). Nerve-sparing radical hysterectomy in cervical cancer. *Gynecol Minim Invasive Ther.* 2(2):42–7. <http://dx.doi.org/10.1016/j.gmit.2013.02.003>
- Jeronimo J, Schiffman M (2006). Colposcopy at a crossroads. *Am J Obstet Gynecol.* 195(2):349–53. <http://dx.doi.org/10.1016/j.ajog.2006.01.091> PMID:16677597

- Jones JM, Sweetnam P, Hibbard BM (1979). The outcome of pregnancy after cone biopsy of the cervix: a case-control study. *Br J Obstet Gynaecol.* 86(12):913–6. <http://dx.doi.org/10.1111/j.1471-0528.1979.tb11237.x> PMID:575050
- Jordan JA, Singer A, editors (2006). *The cervix*. Oxford, UK: Blackwell Publishing. <http://dx.doi.org/10.1002/9781444312744>
- Kalliala I, Anttila A, Pukkala E, Nieminen P (2005). Risk of cervical and other cancers after treatment of cervical intraepithelial neoplasia: retrospective cohort study. *BMJ.* 331(7526):1183–5. <http://dx.doi.org/10.1136/bmj.38663.459039.7C> PMID:16293840
- Kalliala I, Nieminen P, Dyba T, Pukkala E, Anttila A (2007). Cancer free survival after CIN treatment: comparisons of treatment methods and histology. *Gynecol Oncol.* 105(1):228–33. <http://dx.doi.org/10.1016/j.ygyno.2006.12.028> PMID:17289128
- Katki HA, Kinney WK, Fetterman B, Lorey T, Poitras NE, Cheung L, et al. (2011). Cervical cancer risk for women undergoing concurrent testing for human papillomavirus and cervical cytology: a population-based study in routine clinical practice. *Lancet Oncol.* 12(7):663–72. [http://dx.doi.org/10.1016/S1470-2045\(11\)70145-0](http://dx.doi.org/10.1016/S1470-2045(11)70145-0) PMID:21684207
- Kelly RS, Walker P, Kitchener H, Moss SM (2012). Incidence of cervical intraepithelial neoplasia grade 2 or worse in colposcopy-negative/human papillomavirus-positive women with low-grade cytological abnormalities. *BJOG.* 119(1):20–5. <http://dx.doi.org/10.1111/j.1471-0528.2011.02970.x> PMID:21624034
- Khalid S, Carcopino X, Michail G, Metchette S, Conroy R, Prendiville W (2011). Compliance with follow up cytology after discharge from the colposcopy clinic. *Ir Med J.* 104(6):167–70. PMID:22111391
- Khalid S, Dimitriou E, Conroy R, Paraskevaidis E, Kyrgiou M, Harrity C, et al. (2012). The thickness and volume of LLETZ specimens can predict the relative risk of pregnancy-related morbidity. *BJOG.* 119(6):685–91. <http://dx.doi.org/10.1111/j.1471-0528.2011.03252.x> PMID:22329499
- Kierkegaard O, Byralsen C, Hansen KC, Frandsen KH, Frydenberg M (1995). Association between colposcopic findings and histology in cervical lesions: the significance of the size of the lesion. *Gynecol Oncol.* 57(1):66–71. <http://dx.doi.org/10.1006/gyno.1995.1100> PMID:7705702
- Kinney WK, Manos MM, Hurley LB, Ransley JE (1998). Where's the high-grade cervical neoplasia? The importance of minimally abnormal Papanicolaou diagnoses. *Obstet Gynecol.* 91(6):973–6. [http://dx.doi.org/10.1016/S0029-7844\(98\)00080-5](http://dx.doi.org/10.1016/S0029-7844(98)00080-5) PMID:9611007
- Kocken M, Helmerhorst TJ, Berkhof J, Louwers JA, Nobbenuis MA, Bais AG, et al. (2011). Risk of recurrent high-grade cervical intraepithelial neoplasia after successful treatment: a long-term multi-cohort study. *Lancet Oncol.* 12(5):441–50. [http://dx.doi.org/10.1016/S1470-2045\(11\)70078-X](http://dx.doi.org/10.1016/S1470-2045(11)70078-X) PMID:21530398
- Kokka F, Bryant A, Brockbank E, Powell M, Oram D (2015). Hysterectomy with radiotherapy or chemotherapy or both for women with locally advanced cervical cancer. *Cochrane Database Syst Rev.* 4:CD010260. PMID:25847525
- Koss LG, Durfee GR (1956). Unusual patterns of squamous epithelium of the uterine cervix: cytologic and pathologic study of koilocytotic atypia. *Ann N Y Acad Sci.* 63(6):1245–61. <http://dx.doi.org/10.1111/j.1749-6632.1956.tb32134.x> PMID:13314471
- Krane JF, Granter SR, Trask CE, Hogan CL, Lee KR (2001). Papanicolaou smear sensitivity for the detection of adenocarcinoma of the cervix: a study of 49 cases. *Cancer.* 93(1):8–15. [http://dx.doi.org/10.1002/1097-0142\(20010225\)93:1<8::AID-CNCR9001>3.0.CO;2-K](http://dx.doi.org/10.1002/1097-0142(20010225)93:1<8::AID-CNCR9001>3.0.CO;2-K) PMID:11241260
- Kristensen J, Langhoff-Roos J, Kristensen FB (1993). Increased risk of preterm birth in women with cervical conization. *Obstet Gynecol.* 81(6):1005–8. PMID:8497340
- Kurman RJ, Carcangiu ML, Herrington CS, Young RH, editors (2014). *WHO Classification of Tumours of Female Reproductive Organs*. Lyon, France: International Agency for Research on Cancer.
- Kyrgiou M, Koliopoulos G, Martin-Hirsch P, Arbyn M, Prendiville W, Paraskevaidis E (2006). Obstetric outcomes after conservative treatment for intraepithelial or early invasive cervical lesions: systematic review and meta-analysis. *Lancet.* 367(9509):489–98. [http://dx.doi.org/10.1016/S0140-6736\(06\)68181-6](http://dx.doi.org/10.1016/S0140-6736(06)68181-6) PMID:16473126
- Kyrgiou M, Mitra A, Arbyn M, Stasinou SM, Martin-Hirsch P, Bennett P, et al. (2014). Fertility and early pregnancy outcomes after treatment for cervical intraepithelial neoplasia: systematic review and meta-analysis. *BMJ.* 349:g6192. <http://dx.doi.org/10.1136/bmj.g6192> PMID:25352501
- Landoni F, Maneo A, Colombo A, Placa F, Milani R, Pereo P, et al. (1997). Randomised study of radical surgery versus radiotherapy for stage Ib-IIa cervical cancer. *Lancet.* 350(9077):535–40. [http://dx.doi.org/10.1016/S0140-6736\(97\)02250-2](http://dx.doi.org/10.1016/S0140-6736(97)02250-2) PMID:9284774
- Landoni F, Maneo A, Zarpardiel I, Zanagnolo V, Mangioni C (2012). Class I versus class III radical hysterectomy in stage IB1-IIA cervical cancer. A prospective randomized study. *Eur J Surg Oncol.* 38(3):203–9. <http://dx.doi.org/10.1016/j.ejso.2011.12.017> PMID:22244909
- LaPolla JP, O'Neill C, Wetrich D (1988). Colposcopic management of abnormal cervical cytology in pregnancy. *J Reprod Med.* 33(3):301–6. PMID:3361522
- Larsson G (1983). Conization for preinvasive and early invasive carcinoma of the uterine cervix. *Acta Obstet Gynecol Scand Suppl.* 114:1–40. PMID:6574684

- Lazcano-Ponce E, Lorincz AT, Cruz-Valdez A, Salmerón J, Uribe P, Velasco-Mondragón E, et al. (2011). Self-collection of vaginal specimens for human papillomavirus testing in cervical cancer prevention (MARCH): a community-based randomised controlled trial. *Lancet*. 378(9806):1868–73. [http://dx.doi.org/10.1016/S0140-6736\(11\)61522-5](http://dx.doi.org/10.1016/S0140-6736(11)61522-5) PMID:22051739
- Lee KR, Flynn CE (2000). Early invasive adenocarcinoma of the cervix. *Cancer*. 89(5):1048–55. [http://dx.doi.org/10.1002/1097-0142\(20000901\)89:5<1048::AID-CNCR14>3.0.CO;2-S](http://dx.doi.org/10.1002/1097-0142(20000901)89:5<1048::AID-CNCR14>3.0.CO;2-S) PMID:10964335
- Leeson SC, Alibegashvili T, Arbyn M, Bergeron C, Carriero C, Mergui JL, et al. (2014). The future role for colposcopy in Europe. *J Low Genit Tract Dis*. 18(1):70–8. <http://dx.doi.org/10.1097/LGT.0b013e318286b899> PMID:23774077
- Legood R, Smith M, Lew JB, Walker R, Moss S, Kitchener H, et al. (2012). Cost effectiveness of human papillomavirus test of cure after treatment for cervical intraepithelial neoplasia in England: economic analysis from NHS Sentinel Sites Study. *BMJ*. 345:e7086. <http://dx.doi.org/10.1136/bmj.e7086> PMID:23117060
- Lin CT, Tseng CJ, Lai CH, Hsueh S, Huang KG, Huang HJ, et al. (2001). Value of human papillomavirus deoxyribonucleic acid testing after conization in the prediction of residual disease in the subsequent hysterectomy specimen. *Am J Obstet Gynecol*. 184(5):940–5. <http://dx.doi.org/10.1067/mob.2001.112589> PMID:11303202
- Manchanda R, Baldwin P, Crawford R, Vowler SL, Moseley R, Latimer J, et al. (2008). Effect of margin status on cervical intraepithelial neoplasia recurrence following LLETZ in women over 50 years. *BJOG*. 115(10):1238–42. <http://dx.doi.org/10.1111/j.1471-0528.2008.01853.x> PMID:18715408
- Marsden DE, Hacker NF, Edwards L (2006). The management of microinvasive carcinoma of the cervix. In: Jordan JA, Singer A, editors. *The cervix*. Oxford, UK: Blackwell Publishing; pp. 531–50. <http://dx.doi.org/10.1002/9781444312744.ch37>
- Martin-Hirsch PP, Paraskevaidis E, Bryant A, Dickinson HO (2013). Surgery for cervical intraepithelial neoplasia. *Cochrane Database Syst Rev*. 12:CD001318. PMID:24302546
- Massad LS, Einstein MH, Huh WK, Katki HA, Kinney WK, Schiffman M, et al.; 2012 ASCCP Consensus Guidelines Conference (2013). 2012 Updated consensus guidelines for the management of abnormal cervical cancer screening tests and cancer precursors. *J Low Genit Tract Dis*. 17(5 Suppl 1):S1–27. <http://dx.doi.org/10.1097/LGT.0b013e318287d329> PMID:23519301
- Mayeaux EJ, Cox JT (2011). *Modern colposcopy: textbook and atlas*. 3rd ed. Wolters Kluwer.
- McCredie MR, Sharples KJ, Paul C, Baran-yai J, Medley G, Jones RW, et al. (2008). Natural history of cervical neoplasia and risk of invasive cancer in women with cervical intraepithelial neoplasia 3: a retrospective cohort study. *Lancet Oncol*. 9(5):425–34. [http://dx.doi.org/10.1016/S1470-2045\(08\)70103-7](http://dx.doi.org/10.1016/S1470-2045(08)70103-7) PMID:18407790
- Meigs JV (1951). Radical hysterectomy with bilateral pelvic lymph node dissections; a report of 100 patients operated on five or more years ago. *Am J Obstet Gynecol*. 62(4):854–70. PMID:14885271
- Meisels A, Fortin R (1976). Condylomatous lesions of the cervix and vagina. I. Cytologic patterns. *Acta Cytol*. 20(6):505–9. PMID:1069445
- Melnikow J, Nuovo J, Willan AR, Chan BK, Howell LP (1998). Natural history of cervical squamous intraepithelial lesions: a meta-analysis. *Obstet Gynecol*. 92(4 Pt 2):727–35. [http://dx.doi.org/10.1016/S0029-7844\(98\)00245-2](http://dx.doi.org/10.1016/S0029-7844(98)00245-2) PMID:9764690
- Mergui JL, Carcopino X, Marchetta J, Gondry J, Boublil L (2010). Modern management of cervical intraepithelial neoplasia: a proposal for a risk assessment method in colposcopic decision-making [in French]. *J Gynecol Obstet Biol Reprod (Paris)*. 39(7):520–8. <http://dx.doi.org/10.1016/j.jgyn.2010.08.002> PMID:20926205
- Miller AB (1993). *Cervical cancer screening programmes: managerial guidelines*. Geneva, Switzerland: World Health Organization. Available from: <http://apps.who.int/iris/handle/10665/39478>.
- Mitra S (1959). Extraperitoneal lymphadenectomy and radical vaginal hysterectomy for cancer of the cervix (Mitra technique). *Am J Obstet Gynecol*. 78(1):191–6.
- Mohamed-Noor K, Quinn MA, Tan J (1997). Outcomes after cervical cold knife conization with complete and incomplete excision of abnormal epithelium: a review of 699 cases. *Gynecol Oncol*. 67(1):34–8. <http://dx.doi.org/10.1006/gyno.1997.4817> PMID:9345353
- Monaghan JM (1995). Laser vaporization and excisional techniques in the treatment of cervical intraepithelial neoplasia. *Baillieres Clin Obstet Gynaecol*. 9(1):173–87. [http://dx.doi.org/10.1016/S0950-3552\(05\)80365-7](http://dx.doi.org/10.1016/S0950-3552(05)80365-7) PMID:7600726
- Moscicki AB, Ma Y, Wibbelsman C, Darragh TM, Powers A, Farhat S, et al. (2010). Rate of and risks for regression of cervical intraepithelial neoplasia 2 in adolescents and young women. *Obstet Gynecol*. 116(6):1373–80. <http://dx.doi.org/10.1097/AOG.0b013e3181fe777f> PMID:21099605
- Nagai Y, Maehama T, Asato T, Kanazawa K (2000). Persistence of human papillomavirus infection after therapeutic conization for CIN 3: is it an alarm for disease recurrence? *Gynecol Oncol*. 79(2):294–9. <http://dx.doi.org/10.1006/gyno.2000.5952> PMID:11063660
- Nanda K, McCrory DC, Myers ER, Bastian LA, Hasselblad V, Hickey JD, et al. (2000). Accuracy of the Papanicolaou test in screening for and follow-up of cervical cytologic abnormalities: a systematic review. *Ann Intern Med*. 132(10):810–9. <http://dx.doi.org/10.7326/0003-4819-132-10-200005160-00009> PMID:10819705

- Nayar R, Wilbur DC (2015). The Pap test and Bethesda 2014. "The reports of my demise have been greatly exaggerated." (after a quotation from Mark Twain). *Acta Cytol.* 59(2):121–32. <http://dx.doi.org/10.1159/000381842> PMID: 25997404
- Nene BM, Hiremath PS, Kane S, Fayette JM, Shastri SS, Sankaranarayanan R (2008). Effectiveness, safety, and acceptability of cryotherapy by midwives for cervical intraepithelial neoplasia in Maharashtra, India. *Int J Gynecol Obstet.* 103(3):232–6. <http://dx.doi.org/10.1016/j.ijgo.2008.07.016> PMID:18817909
- Nezhat CR, Burrell MO, Nezhat FR, Benigno BB, Welander CE (1992). Laparoscopic radical hysterectomy with paraaortic and pelvic node dissection. *Am J Obstet Gynecol.* 166(3):864–5. [http://dx.doi.org/10.1016/0002-9378\(92\)91351-A](http://dx.doi.org/10.1016/0002-9378(92)91351-A) PMID:1532291
- NHS (2004). Colposcopy and programme management: guidelines for the NHS Cervical Screening Programme. NHSCSP Publication No. 20, April 2004. Sheffield, UK: NHS Cancer Screening Programmes.
- NHS (2010). Colposcopy and programme management: guidelines for the NHS Cervical Screening Programme. NHSCSP Publication No. 20, Second Edition, May 2010. Sheffield, UK: NHS Cancer Screening Programmes.
- NHS (2016). NHS Cervical Screening Programme: colposcopy and programme management. NHSCSP Publication No. 20, Third Edition, March 2016. London, UK: Public Health England. Available from: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/515817/NHSCSP_colposcopy_management.pdf.
- Nicklin JL, Wright RG, Bell JR, Samaratunga H, Cox NC, Ward BG (1991). A clinicopathological study of adenocarcinoma in situ of the cervix. The influence of cervical HPV infection and other factors, and the role of conservative surgery. *Aust N Z J Obstet Gynaecol.* 31(2):179–83. <http://dx.doi.org/10.1111/j.1479-828X.1991.tb01814.x> PMID:1656927
- Nobbenhuis MA, Meijer CJ, van den Brule AJ, Rozendaal L, Voorhorst FJ, Risse EK, et al. (2001). Addition of high-risk HPV testing improves the current guidelines on follow-up after treatment for cervical intraepithelial neoplasia. *Br J Cancer.* 84(6):796–801. <http://dx.doi.org/10.1054/bjoc.2000.1689> PMID:11259094
- Ostör AG (1993). Natural history of cervical intraepithelial neoplasia: a critical review. *Int J Gynecol Pathol.* 12(2):186–92. <http://dx.doi.org/10.1097/00004347-199304000-00018> PMID:8463044
- Palle C, Bangsbøll S, Andreasson B (2000). Cervical intraepithelial neoplasia in pregnancy. *Acta Obstet Gynecol Scand.* 79(4):306–10. <http://dx.doi.org/10.1034/j.1600-0412.2000.079004306.x> PMID:10746847
- Paraskevaidis E, Koliopoulos G, Alamanos Y, Malamou-Mitsi V, Lolis ED, Kitchener HC (2001b). Human papillomavirus testing and the outcome of treatment for cervical intraepithelial neoplasia. *Obstet Gynecol.* 98(5 Pt 1):833–6. PMID:11704177
- Paraskevaidis E, Koliopoulos G, Kalantaridou S, Pappa L, Navrozoglou I, Zikopoulos K, et al. (2002). Management and evolution of cervical intraepithelial neoplasia during pregnancy and postpartum. *Eur J Obstet Gynecol Reprod Biol.* 104(1):67–9. PMID:12128266
- Paraskevaidis E, Koliopoulos G, Paschopoulos M, Stefanidis K, Navrozoglou I, Lolis D (2001a). Effects of ball cauterization following loop excision and follow-up colposcopy. *Obstet Gynecol.* 97(4):617–20. [http://dx.doi.org/10.1016/S0029-7844\(00\)01194-7](http://dx.doi.org/10.1016/S0029-7844(00)01194-7) PMID:11275038
- Pareja R, Rendón GJ, Sanz-Lomana CM, Monzón O, Ramirez PT (2013). Surgical, oncological, and obstetrical outcomes after abdominal radical trachelectomy - a systematic literature review. *Gynecol Oncol.* 131(1):77–82. <http://dx.doi.org/10.1016/j.ygyno.2013.06.010> PMID:23769758
- Parham GP, Mwanahamuntu MH, Kapambwe S, Muwonge R, Bateman AC, Blevins M, et al. (2015). Population-level scale-up of cervical cancer prevention services in a low-resource setting: development, implementation, and evaluation of the cervical cancer prevention program in Zambia. *PLoS One.* 10(4):e0122169. <http://dx.doi.org/10.1371/journal.pone.0122169> PMID:25885821
- Peto J, Gilham C, Fletcher O, Matthews FE (2004). The cervical cancer epidemic that screening has prevented in the UK. *Lancet.* 364(9430):249–56. [http://dx.doi.org/10.1016/S0140-6736\(04\)16674-9](http://dx.doi.org/10.1016/S0140-6736(04)16674-9) PMID:15262102
- Pisal NV, Sindos M, Desai S, Mansell E, Singer A (2003). How significant is a cervical smear showing glandular dyskaryosis? *Eur J Obstet Gynecol Reprod Biol.* 108(2):209–12. [http://dx.doi.org/10.1016/S0301-2115\(02\)00466-9](http://dx.doi.org/10.1016/S0301-2115(02)00466-9) PMID:12781413
- Piver MS, Rutledge F, Smith JP (1974). Five classes of extended hysterectomy for women with cervical cancer. *Obstet Gynecol.* 44(2):265–72. PMID:4417035
- Plante M, Renaud MC, François H, Roy M (2004). Vaginal radical trachelectomy: an oncologically safe fertility-preserving surgery. An updated series of 72 cases and review of the literature. *Gynecol Oncol.* 94(3):614–23. <http://dx.doi.org/10.1016/j.ygyno.2004.05.032> PMID:15350349
- Popkin DR, Scali V, Ahmed MN (1978). Cryosurgery for the treatment of cervical intraepithelial neoplasia. *Am J Obstet Gynecol.* 130(5):551–4. PMID:629310
- Prendiville W, Cullimore J, Norman S (1989). Large loop excision of the transformation zone (LLETZ). A new method of management for women with cervical intraepithelial neoplasia. *Br J Obstet Gynaecol.* 96(9):1054–60. <http://dx.doi.org/10.1111/j.1471-0528.1989.tb03380.x> PMID:2804007

- Prendiville W, Davies R, Berry PJ (1986). A low voltage diathermy loop for taking cervical biopsies: a qualitative comparison with punch biopsy forceps. *Br J Obstet Gynaecol.* 93(7):773–6. <http://dx.doi.org/10.1111/j.1471-0528.1986.tb07980.x> PMID:3730349
- Pretorius RG, Belinson JL, Burchette RJ, Hu S, Zhang X, Qiao YL (2011). Regardless of skill, performing more biopsies increases the sensitivity of colposcopy. *J Low Genit Tract Dis.* 15(3):180–8. <http://dx.doi.org/10.1097/LGT.0b013e3181fb4547> PMID:21436729
- Pretorius RG, Zhang WH, Belinson JL, Huang MN, Wu LY, Zhang X, et al. (2004). Colposcopically directed biopsy, random cervical biopsy, and endocervical curettage in the diagnosis of cervical intraepithelial neoplasia II or worse. *Am J Obstet Gynecol.* 191(2):430–4. <http://dx.doi.org/10.1016/j.ajog.2004.02.065> PMID:15343217
- Querleu D, Leblanc E, Castelain B (1991). Laparoscopic pelvic lymphadenectomy in the staging of early carcinoma of the cervix. *Am J Obstet Gynecol.* 164(2):579–81. [http://dx.doi.org/10.1016/S0002-9378\(11\)80025-6](http://dx.doi.org/10.1016/S0002-9378(11)80025-6) PMID:1825150
- Querleu D, Morrow CP (2008). Classification of radical hysterectomy. *Lancet Oncol.* 9(3):297–303. [http://dx.doi.org/10.1016/S1470-2045\(08\)70074-3](http://dx.doi.org/10.1016/S1470-2045(08)70074-3) PMID:18308255
- Reade CJ, Eiriksson LR, Covens A (2013). Surgery for early stage cervical cancer: how radical should it be? *Gynecol Oncol.* 131(1):222–30. <http://dx.doi.org/10.1016/j.ygyno.2013.07.078> PMID:23863357
- Reagan JW, Hicks DJ (1953). A study of in situ and squamous-cell cancer of the uterine cervix. *Cancer.* 6(6):1200–14. [http://dx.doi.org/10.1002/1097-0142\(195311\)6:6<1200::AID-CNCR2820060614>3.0.CO;2-8](http://dx.doi.org/10.1002/1097-0142(195311)6:6<1200::AID-CNCR2820060614>3.0.CO;2-8) PMID:13106837
- Reid R, Scalzi P (1985). Genital warts and cervical cancer. VII. An improved colposcopic index for differentiating benign papillomaviral infections from high-grade cervical intraepithelial neoplasia. *Am J Obstet Gynecol.* 153(6):611–8. [http://dx.doi.org/10.1016/S0002-9378\(85\)80244-1](http://dx.doi.org/10.1016/S0002-9378(85)80244-1) PMID:2998190
- Ricci C, Martin M, Neenman K, Prendiville W (2015). Management of patients with cytological low grade or borderline abnormalities: how powerful is a negative colposcopy? Oral presentation, EUROGIN, Seville, Spain.
- Richart RM (1968). Natural history of cervical intra epithelial neoplasia. *Clin Obstet Gynecol.* 5:748–84.
- Richart RM (1990). A modified terminology for cervical intraepithelial neoplasia. *Obstet Gynecol.* 75(1):131–3. PMID:2296409
- Robinson WR, Webb S, Tirpack J, Degefu S, O'Quinn AG (1997). Management of cervical intraepithelial neoplasia during pregnancy with LOOP excision. *Gynecol Oncol.* 64(1):153–5. <http://dx.doi.org/10.1006/gyno.1996.4546> PMID:8995565
- Roman LD, Morris M, Eifel PJ, Burke TW, Gershenson DM, Wharton JT (1992). Reasons for inappropriate simple hysterectomy in the presence of invasive cancer of the cervix. *Obstet Gynecol.* 79(4):485–9. PMID:1553163
- Ronco G, Dillner J, Elfström KM, Tunesi S, Snijders PJ, Arbyn M, et al.; International HPV screening working group (2014). Efficacy of HPV-based screening for prevention of invasive cervical cancer: follow-up of four European randomised controlled trials. *Lancet.* 383(9916):524–32. [http://dx.doi.org/10.1016/S0140-6736\(13\)62218-7](http://dx.doi.org/10.1016/S0140-6736(13)62218-7) PMID:24192252
- Rubin IC (1910). The pathological diagnosis of incipient carcinoma of the cervix. *Am J Obstet Gynecol.* 62:668–76.
- Rubio CA, Thomassen P (1976). A critical evaluation of the Schiller test in patients before conization. *Am J Obstet Gynecol.* 125(1):96–9. PMID:775993
- Salani R, Puri I, Bristow RE (2009). Adenocarcinoma in situ of the uterine cervix: a metaanalysis of 1278 patients evaluating the predictive value of conization margin status. *Am J Obstet Gynecol.* 200(2):182.e1–5. <http://dx.doi.org/10.1016/j.ajog.2008.09.012> PMID:19019325
- Sankaranarayanan R, Esmey PO, Rajkumar R, Muwonge R, Swaminathan R, Shanthakumari S, et al. (2007). Effect of visual screening on cervical cancer incidence and mortality in Tamil Nadu, India: a cluster-randomised trial. *Lancet.* 370(9585):398–406. [http://dx.doi.org/10.1016/S0140-6736\(07\)61195-7](http://dx.doi.org/10.1016/S0140-6736(07)61195-7) PMID:17679017
- Sankaranarayanan R, Nene BM, Shastri SS, Jayant K, Muwonge R, Budukh AM, et al. (2009). HPV screening for cervical cancer in rural India. *N Engl J Med.* 360(14):1385–94. <http://dx.doi.org/10.1056/NEJMoa0808516> PMID:19339719
- Sasieni P, Adams J, Cuzick J (2003). Benefit of cervical screening at different ages: evidence from the UK audit of screening histories. *Br J Cancer.* 89(1):88–93. <http://dx.doi.org/10.1038/sj.bjc.6600974> PMID:12838306
- Sauvaget C, Fayette JM, Muwonge R, Wesley R, Sankaranarayanan R (2011). Accuracy of visual inspection with acetic acid for cervical cancer screening. *Int J Gynecol Obstet.* 113(1):14–24. <http://dx.doi.org/10.1016/j.ijgo.2010.10.012> PMID:21257169
- Sauvaget C, Muwonge R, Sankaranarayanan R (2013). Meta-analysis of the effectiveness of cryotherapy in the treatment of cervical intraepithelial neoplasia. *Int J Gynecol Obstet.* 120(3):218–23. <http://dx.doi.org/10.1016/j.ijgo.2012.10.014> PMID:23265830
- Sawaya GF (2005). A 21-year-old woman with atypical squamous cells of undetermined significance. *JAMA.* 294(17):2210–8. <http://dx.doi.org/10.1001/jama.294.17.2210> PMID:16264163

- Sawaya GF, Grady D, Kerlikowske K, Valleur JL, Barnabei VM, Bass K, et al. (2000). The positive predictive value of cervical smears in previously screened postmenopausal women: the Heart and Estrogen/progestin Replacement Study (HERS). *Ann Intern Med.* 133(12):942–50. <http://dx.doi.org/10.7326/0003-4819-133-12-200012190-00009> PMID:11119395
- Schantz A, Thormann L (1984). Cryosurgery for dysplasia of the uterine ectocervix. A randomized study of the efficacy of the single- and double-freeze techniques. *Acta Obstet Gynecol Scand.* 63(5):417–20. <http://dx.doi.org/10.3109/00016348409156695> PMID:6496044
- Schauta F (1908). *Die erweiterte vaginale Totalexstirpation des Uterus bei Kollumkarzinom.* Vienna, Leipzig: Verlag von Josef Šafář.
- Scheungraber C, Glutig K, Fechtel B, Kuehne-Heid R, Duerst M, Schneider A (2009a). Inner border – a specific and significant colposcopic sign for moderate or severe dysplasia (cervical intraepithelial neoplasia 2 or 3). *J Low Genit Tract Dis.* 13(1):1–4. <http://dx.doi.org/10.1097/LGT.0b013e31817ff92a> PMID:19098598
- Scheungraber C, Koenig U, Fechtel B, Kuehne-Heid R, Duerst M, Schneider A (2009b). The colposcopic feature ridge sign is associated with the presence of cervical intraepithelial neoplasia 2/3 and human papillomavirus 16 in young women. *J Low Genit Tract Dis.* 13(1):13–6. <http://dx.doi.org/10.1097/LGT.0b013e318180438a> PMID:19098601
- Schiffman M, Brinton LA, Devesa SS, Fraumeni JF Jr (1996). Cervical cancer. In: Schottenfeld D, Fraumeni JF Jr, editors. *Cancer epidemiology and prevention.* New York, USA: Oxford University Press; pp. 1090–116.
- Semm K (1966). New apparatus for the “cold-coagulation” of benign cervical lesions. *Am J Obstet Gynecol.* 95(7):963–6. PMID:5914130
- Semple D, Saha A, Maresh M (1999). Colposcopy and treatment of cervical intra-epithelial neoplasia: are national standards achievable? *Br J Obstet Gynaecol.* 106(4):351–5. <http://dx.doi.org/10.1111/j.1471-0528.1999.tb08273.x> PMID:10426242
- Shafi MI, Finn CB, Luesley DM, Jordan JA, Dunn J (1991). Lesion size and histology of atypical cervical transformation zone. *Br J Obstet Gynaecol.* 98(5):490–2. <http://dx.doi.org/10.1111/j.1471-0528.1991.tb10349.x> PMID:2059601
- Shafi MI, Jordan JA, Singer A (2006). The management of cervical intraepithelial neoplasia (squamous). In: Jordan JA, Singer A, editors. *The cervix.* Oxford, UK: Blackwell Publishing; pp. 462–77. <http://dx.doi.org/10.1002/9781444312744.ch31>
- Shaw E, Sellors J, Kaczorowski J (2003). Prospective evaluation of colposcopic features in predicting cervical intraepithelial neoplasia: degree of acetowhite change most important. *J Low Genit Tract Dis.* 7(1):6–10. <http://dx.doi.org/10.1097/00128360-200301000-00003> PMID:17051037
- Shrivastava S, Mahantshetty U, Engineer R, Tongaonkar H, Kulkarni J, Dinshaw K (2013). Treatment and outcome in cancer cervix patients treated between 1979 and 1994: a single institutional experience. *J Cancer Res Ther.* 9(4):672–9. <http://dx.doi.org/10.4103/0973-1482.126480> PMID:24518716
- Siegler E, Amit A, Lavie O, Auslender R, Mackuli L, Weissman A (2014). Cervical intraepithelial neoplasia 2, 3 in pregnancy: time to consider loop cone excision in the first trimester of pregnancy? *J Low Genit Tract Dis.* 18(2):162–8. <http://dx.doi.org/10.1097/LGT.0b013e318299c0af> PMID:23994950
- Smith JS, Green J, Berrington de Gonzalez A, Appleby P, Peto J, Plummer M, et al. (2003). Cervical cancer and use of hormonal contraceptives: a systematic review. *Lancet.* 361(9364):1159–67. [http://dx.doi.org/10.1016/S0140-6736\(03\)12949-2](http://dx.doi.org/10.1016/S0140-6736(03)12949-2) PMID:12686037
- Solomon D (1989). The 1988 Bethesda System for reporting cervical/vaginal cytologic diagnoses: developed and approved at the National Cancer Institute workshop in Bethesda, MD, December 12–13, 1988. *Diagn Cytopathol.* 5(3):331–4. <http://dx.doi.org/10.1002/dc.2840050318> PMID:2791840
- Song Y, Zhao YQ, Zhang X, Liu XY, Li L, Pan QJ, et al. (2015). Random biopsy in colposcopy-negative quadrant is not effective in women with positive colposcopy in practice. *Cancer Epidemiol.* 39(2):237–41. <http://dx.doi.org/10.1016/j.canep.2015.01.008> PMID:25684646
- Soutter WP (1994). Management of women with mild dyskaryosis. Immediate referral to colposcopy is safer. *BMJ.* 309(6954):591–2. <http://dx.doi.org/10.1136/bmj.309.6954.591> PMID:8086951
- Soutter WP, de Barros Lopes A, Fletcher A, Monaghan JM, Duncan ID, Paraskevidis E, et al. (1997). Invasive cervical cancer after conservative therapy for cervical intraepithelial neoplasia. *Lancet.* 349(9057):978–80. [http://dx.doi.org/10.1016/S0140-6736\(96\)08295-5](http://dx.doi.org/10.1016/S0140-6736(96)08295-5) PMID:9100623
- Soutter WP, Hanoch J, D’Arcy T, Dina R, McIndoe GA, DeSouza NM (2004). Pretreatment tumour volume measurement on high-resolution magnetic resonance imaging as a predictor of survival in cervical cancer. *BJOG.* 111(7):741–7. <http://dx.doi.org/10.1111/j.1471-0528.2004.00172.x> PMID:15198766
- Soutter WP, Sasieni P, Panoskaltis T (2006). Long-term risk of invasive cervical cancer after treatment of squamous cervical intraepithelial neoplasia. *Int J Cancer.* 118(8):2048–55. <http://dx.doi.org/10.1002/ijc.21604> PMID:16284947
- Spaulding EH (1968). Chemical disinfection of medical and surgical materials. In: Lawrence C, Block SS, editors. *Disinfection, sterilization, and preservation.* Philadelphia (PA), USA: Lea & Febiger; pp. 517–31.

- Strander B, Adolfsson J (2014). Safety of modern treatment for cervical pre-cancer. *BMJ*. 349:g6611. <http://dx.doi.org/10.1136/bmj.g6611> PMID:25378385
- Strander B, Andersson-Ellström A, Milsom I, Sparén P (2007). Long term risk of invasive cancer after treatment for cervical intraepithelial neoplasia grade 3: population based cohort study. *BMJ*. 335(7629):1077. <http://dx.doi.org/10.1136/bmj.39363.471806.BE> PMID:17959735
- Strander B, Ellström-Andersson A, Franzén S, Milsom I, Rådborg T (2005). The performance of a new scoring system for colposcopy in detecting high-grade dysplasia in the uterine cervix. *Acta Obstet Gynecol Scand*. 84(10):1013–7. <http://dx.doi.org/10.1111/j.0001-6349.2005.00895.x> PMID:16167921
- Teshima S, Shimosato Y, Kishi K, Kasamatsu T, Ohmi K, Uei Y (1985). Early stage adenocarcinoma of the uterine cervix. Histopathologic analysis with consideration of histogenesis. *Cancer*. 56(1):167–72. [http://dx.doi.org/10.1002/1097-0142\(19850701\)56:1<167::AID-CNCR2820560126>3.0.CO;2-T](http://dx.doi.org/10.1002/1097-0142(19850701)56:1<167::AID-CNCR2820560126>3.0.CO;2-T) PMID:4005786
- Uijterwaal MH, Verhoef VM, Snijders PJ, Meijer CJ (2014). Arguments in favor of HPV testing for cervical screening and post-treatment CIN2+ monitoring. *Expert Rev Mol Diagn*. 14(3):245–8. <http://dx.doi.org/10.1586/14737159.2014.893829> PMID:24598044
- Ullal A, Roberts M, Bulmer JN, Mathers ME, Wadehra V (2009). The role of cervical cytology and colposcopy in detecting cervical glandular neoplasia. *Cytopathology*. 20(6):359–66. <http://dx.doi.org/10.1111/j.1365-2303.2008.00566.x> PMID:18557985
- van de Lande J, Torrenge B, Raijmakers PG, Hoekstra OS, van Baal MW, Brölmann HA, et al. (2007). Sentinel lymph node detection in early stage uterine cervix carcinoma: a systematic review. *Gynecol Oncol*. 106(3):604–13. <http://dx.doi.org/10.1016/j.ygyno.2007.05.010> PMID:17628644
- Walboomers JM, Jacobs MV, Manos MM, Bosch FX, Kummer JA, Shah KV, et al. (1999). Human papillomavirus is a necessary cause of invasive cervical cancer worldwide. *J Pathol*. 189(1):12–9. [http://dx.doi.org/10.1002/\(SICI\)1096-9896\(199909\)189:1<12::AID-PATH431>3.0.CO;2-F](http://dx.doi.org/10.1002/(SICI)1096-9896(199909)189:1<12::AID-PATH431>3.0.CO;2-F) PMID:10451482
- Ware RA, van Nagell JR (2010). Radical hysterectomy with pelvic lymphadenectomy: indications, technique, and complications. *Obstet Gynecol Int*. 2010:587610. <http://dx.doi.org/10.1155/2010/587610> PMID:20871657
- Wentzensen N, Walker JL, Gold MA, Smith KM, Zuna RE, Mathews C, et al. (2015). Multiple biopsies and detection of cervical cancer precursors at colposcopy. *J Clin Oncol*. 33(1):83–9. <http://dx.doi.org/10.1200/JCO.2014.55.9948> PMID:25422481
- Wertheim E (1912). The extended abdominal operation for carcinoma uteri (based on 500 operative cases). *Am J Obstet Dis Women Child*. 66:169–232.
- WHO (2012). Cryosurgical equipment for the treatment of precancerous cervical lesions and prevention of cervical cancer. WHO technical specifications. Geneva, Switzerland: World Health Organization. Available from: <http://www.who.int/reproductivehealth/publications/cancers/9789241504560/en/>.
- WHO (2014). Comprehensive cervical cancer control: a guide to essential practice. 2nd ed. Geneva, Switzerland: World Health Organization. Available from: <http://www.who.int/reproductivehealth/publications/cancers/cervical-cancer-guide/en/>.
- Wiebe E, Denny L, Thomas G (2012). Cancer of the cervix uteri. *Int J Gynecol Obstet*. 119(Suppl 2):S100–9. [http://dx.doi.org/10.1016/S0020-7292\(12\)60023-X](http://dx.doi.org/10.1016/S0020-7292(12)60023-X) PMID:22999501
- Williams J (1888). Cancer of the uterus. Harvian lectures for 1886. London, UK: HK Lewis.
- Wilson JMG, Jungner G (1968). Principles and practice of screening for disease. Geneva, Switzerland: World Health Organization.
- Woodrow N, Permezel M, Butterfield L, Rome R, Tan J, Quinn M (1998). Abnormal cervical cytology in pregnancy: experience of 811 cases. *Aust N Z J Obstet Gynaecol*. 38(2):161–5. <http://dx.doi.org/10.1111/j.1479-828X.1998.tb02992.x> PMID:9653851
- Wright TC Jr, Cox JT, Massad LS, Carlson J, Twigg LB, Wilkinson EJ; 2001 ASCCP-sponsored Consensus Workshop (2003). 2001 Consensus guidelines for the management of women with cervical intraepithelial neoplasia. *J Low Genit Tract Dis*. 7(3):154–67. <http://dx.doi.org/10.1097/00128360-200307000-00002> PMID:17051063
- Wright VC (2010). Color atlas of colposcopy – cervix, vagina, vulva and adjacent sites. Houston (TX), USA: Biomedical Communications.
- Ylitalo N, Sørensen P, Josefsson A, Frisch M, Sparén P, Pontén J, et al. (1999). Smoking and oral contraceptives as risk factors for cervical carcinoma in situ. *Int J Cancer*. 81(3):357–65. [http://dx.doi.org/10.1002/\(SICI\)1097-0215\(19990505\)81:3<357::AID-IJC8>3.0.CO;2-1](http://dx.doi.org/10.1002/(SICI)1097-0215(19990505)81:3<357::AID-IJC8>3.0.CO;2-1) PMID:10209949
- Yoonessi M, Wieckowska W, Mariniello D, Antkowiak J (1982). Cervical intra-epithelial neoplasia in pregnancy. *Int J Gynecol Obstet*. 20(2):111–8. [http://dx.doi.org/10.1016/0020-7292\(82\)90021-2](http://dx.doi.org/10.1016/0020-7292(82)90021-2) PMID:6125429
- Zaino RJ (2000). Glandular lesions of the uterine cervix. *Mod Pathol*. 13(3):261–74. <http://dx.doi.org/10.1038/modpathol.3880047> PMID:10757337
- Zaino RJ (2002). Symposium part I: adenocarcinoma in situ, glandular dysplasia, and early invasive adenocarcinoma of the uterine cervix. *Int J Gynecol Pathol*. 21(4):314–26. <http://dx.doi.org/10.1097/00004347-200210000-00002> PMID:12352181
- Zielinski GD, Rozendaal L, Voorhorst FJ, Berkhof J, Snijders PJ, Risse EJ, et al. (2003). HPV testing can reduce the number of follow-up visits in women treated for cervical intraepithelial neoplasia grade 3. *Gynecol Oncol*. 91(1):67–73. [http://dx.doi.org/10.1016/S0090-8258\(03\)00415-3](http://dx.doi.org/10.1016/S0090-8258(03)00415-3) PMID:14529664