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Women in pain : the course and diagnostics of chronic pelvic pain

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References



- Aaronson NK, Muller M, Cohen PD, Essink-Bot ML, Fekkes M, Sanderman R, et al. Translation, validation, and norming of the Dutch language version of the SF-36 Health Survey in community and chronic disease populations. *J Clin Epidemiol* 1998;51:1055-68.
- ACEP (American College of Emergency Physicians). Clinical policy for the initial approach to patients presenting with a chief complaint of nontraumatic acute abdominal pain. *Ann Emerg Med* 1994;23:906-22.
- Adhesion Scoring Group. Improvement of interobserver reproducibility of adhesion scoring systems. *Fertil Steril* 1994;62:984-8.
- Angst J. Sexual problems in healthy and depressed persons. *Int Clin Psychopharmacol* 1998;13:S1-4.
- Aubin S, Berger RE, Heiman JR, Ciol MA. The association between sexual function, pain, and psychological adaptation of men diagnosed with chronic pelvic pain syndrome type III. *J Sex Med* 2008;5:657-67.
- Baron RM, Kenny DA. The moderator-mediator variable distinction in social psychological research: conceptual, strategic, and statistical considerations. *J Pers Soc Psychol* 1986;51:1173-82.
- Bland JM, Altman DG. Statistical methods for assessing agreement between two methods of clinical measurement. *Lancet* 1986;1:307-10.
- Bowman MC, Li TC, Cooke ID. Inter-observer variability at laparoscopic assessment of pelvic adhesions. *Hum Reprod* 1995;10:155-60.
- Brauer M, ter Kuile MM, Laan E, Trimbos B. Cognitive-affective correlates and predictors of superficial dyspareunia. *J Sex Marital Ther* 2009; 35:1-24.
- Buchweitz O, Wulfang P, Malik E. Interobserver variability in the diagnosis of minimal and mild endometriosis. *Eur J Obstet Gynecol Reprod Biol* 2005;122:213-7.
- Cairns R, Hotopf M. A systematic review describing the prognosis of chronic fatigue syndrome. *Occup Med* 2005;55:20-31.
- Cohen J. *Statistical power analysis for the behavioral sciences*. 2nd ed. Hillsdale, NJ: Lawrence Erlbaum, Inc; 1988.
- Collett BJ, Cordle CJ, Stewart CR, Jagger C. A comparative study of women with chronic pelvic pain, chronic nonpelvic pain and those with no history of pain attending general practitioners. *Br J Obstet Gynecol* 1998;105:87-92.
- Corson SL, Batzer FR, Gocial B, Kelly M, Gutmann JN, Maislin G. Intra-observer and inter-observer variability in scoring laparoscopic diagnosis of pelvic adhesions. *Hum Reprod* 1995;10:161-4.
- Cox L, Ayers S, Nala K, Penny J. Chronic pelvic pain and quality of life after laparoscopy. *Eur J Obstet Gynecol Reprod Biol* 2007;132:214-9.

Croft PR, Dunn KM, Raspe H. Course and prognosis of back pain in primary care: the epidemiological perspective. *Pain* 2006;122:1-3.

Davis CE. The effect of regression to the mean in epidemiologic and clinical studies. *Am J Epidemiol* 1976;104:493-8.

De Dombal FT. Acute abdominal pain - an OMGE survey. *Scand J Gastroenterol Suppl* 1979; 56:29-43.

De Dombal FT. The OMGE acute abdominal pain survey. Progress report, 1986. *Scand J Gastroenterol Suppl* 1988;144:35-42.

De Gier M, Vlaeyen JW, van Breukelen GJ, Stomp-van den Berg SGM, ter Kuile MM, Kole-Snijders AMJ, et al. Meetinstrumenten chronische pijn, deel 3: Pijn Coping en Cognitie Lijst (PCCL). Validering en normgegevens. [Measurements for chronic pain, part 3: Pain Coping Cognition List (PCCL) Validation and norm scores]. Maastricht: Grafische Dienstverlening FB/Academisch Pijncentrum (AZM); 2004.

Dekkers OM, Elm EV, Algra A, Romijn JA, Vandenbroucke JP. How to assess the external validity of therapeutic trials: a conceptual approach. *Int J Epidemiol* 2009, 17 April [Epub ahead of print].

Derogatis LR. SCL-90: Administration, Scoring and Procedures Manual-I for the Revised Version. Johns Hopkins University School of Medicine, Clinical Psychometrics Research Unit, Baltimore; 1977.

Draijer N. Seksuele traumatisering in de jeugd. Gevolgen op lange termijn van seksueel misbruik van meisjes door verwanten. [Sexual traumatization during youth. Long term consequences of sexual abuse of young girls by relatives.] Amsterdam: SUA Uitgeverij 1990.

Drossman DA, Leserman J, Li Z, Keefe F, Hu YJ, Toomey TC. Effects of coping on health outcome among women with gastrointestinal disorders. *Psychosom Med* 2000;62:309-17.

Dworkin RH, Turk DC, Farrar JT, Haythornthwaite JA, Jensen MP, Katz NP, et al. Core outcome measures for chronic pain clinical trials: IMMPACT recommendations. *Pain* 2005;113:9-19.

Dworkin RH, Turk DC, Wyrwich KW, Beaton D, Cleeland CS, Farrar JT, et al. Interpreting the clinical importance of treatment outcomes in chronic pain clinical trials: IMMPACT recommendations. *J Pain* 2008;9:105-21.

Eccleston C, Williams ACDC, Morley S. Psychological therapies for the management of chronic pain (excluding headache) in adults. *Cochrane Database of Systematic Reviews* 2009 (2)

Engel CC, Walker EA, Engel AL, Bullis J, Armstrong A. A randomized, double-blind crossover trial of sertraline in women with chronic pelvic pain. *J Psychosom Res* 1998;44:203-7.

Essink-Bot ML, Krabbe PF, Bonsel GJ, Aaronson NK. An empirical comparison of four generic health status measures: The Nottingham Health Profile, the Medical Outcomes Study 36-item Short-Form Health Survey, the COOP/WONCA charts, and the EuroQol instrument. *Med Care* 1997;35:522-37.

- Ettema JHM, Arrindell WA. SCL-90. Handleiding bij een multidimensionele psychopathologie-indicator [Manual for a multi-dimensional psychopathology indicator]. Lisse: Swets Zeitlinger; 2003.
- Fauconnier A, Chapron C. Endometriosis and pelvic pain: epidemiological evidence of the relationship and implications. *Hum Reprod Update* 2005;11:595-606.
- Florido J, Perez-Lucas R, Navarrete L. Sexual behavior and findings on laparoscopy or laparotomy in women with severe chronic pelvic pain. *Eur J Obstet Gynecol Reprod Biol* 2008;139:233-6.
- Fry RP, Crisp AH, Beard RW. Sociopsychological factors in chronic pelvic pain: a review. *J Psychosom Res* 1997;42:1-15.
- Gatchel RJ, Peng YB, Fuchs PN, Peters ML, Turk DC. The biopsychosocial approach to chronic pain: scientific advances and future directions. *Psych Bull* 2007;133:581-624.
- Ghaly AF. The psychological and physical benefits of pelvic ultrasonography in patients with chronic pelvic pain and negative laparoscopy. A random allocation trial. *J Obstet Gynaecol* 1994;14:269-71.
- Gladsjo JA, Tucker JA, Hawkins JL, Vuchinich RE. Adequacy of recall of drinking patterns and event occurrences associated with natural recovery from alcohol problems. *Addict Behav* 1992;17:347-58.
- Goubert L, Crombez G, Van Damme S. The role of neuroticism, pain catastrophizing and pain-related fear in vigilance to pain: a structural equations approach. *Pain* 2004;107:234-41.
- Grace VM. Pitfalls of the medical paradigm in chronic pelvic pain. *Bailliere's Clin Obstet Gynaecol* 2000;14:525-39.
- Grace VM, Zondervan KI. Chronic pelvic pain in New Zealand: Prevalence, pain severity, diagnoses and use of the health services. *Aust N Z J Public Health* 2004;28:369-75.
- Grace V, Zondervan K. Chronic pelvic pain in women in New Zealand: Comparative well-being, comorbidity, and impact on work and other activities. *Health Care Women Int* 2006;27:585-99.
- Haggerty CL, Peipert JF, Weitzen S, Hendrix SL, Holley RL, Nelson DB, et al. Predictors of chronic pelvic pain in an urban population of women with symptoms and signs of pelvic inflammatory disease. *Sex Transm Dis* 2005;32:293-99.
- Hammoud A, Gago LA, Diamond MP. Adhesions in patients with chronic pelvic pain: a role for adhesiolysis? *Fertil Steril* 2004;82:1483-91.
- Harris IA, Young JM, Rae H, Jalaludin BB, Solomon MJ. Factors associated with back pain after physical injury: a survey of consecutive major trauma patients. *Spine* 2007;32:1561-65.
- Hendriks EJ, Scholten-Peeters GG, van der Windt DA, Neeleman-van der Steen CW, Oostendorp RA, Verhagen AP. Prognostic factors for poor recovery in acute whiplash patients. *Pain* 2005;114:408-16.
- Hestbaek L, Leboeuf-Yde C, Manniche C. Low back pain: what is the long-term course? A review of studies of general patient populations. *Eur Spine J* 2003;12:149-65.

- Herman JL, Perry JC, Van der Kolk B. Childhood trauma in borderline personality disorder. *Am J Psych* 1989;146:490-5.
- Hestbaek L, Leboeuf-Yde C, Manniche C. Low back pain: what is the long-term course? A review of studies of general patient populations. *Eur Spine J* 2003;12:149-65.
- Hornstein MD, Gleason RE, Orav J, Haas ST, Friedman AJ, Rein MS, et al. The reproducibility of the revised American Fertility Society classification of endometriosis. *Fertil Steril* 1993;59:1015-21.
- Howard FM. The role of laparoscopy in chronic pelvic pain: promise and pitfalls. *Obstet Gynecol Surv* 1993;48:357-87.
- Huisstede BM, Wijnhoven HA, Bierma-Zeinstra SM, Koes BW, Verhaar JA, Picavet S. Prevalence and characteristics of complaints of the arm, neck, and/or shoulder (CANS) in the open population. *Clin J Pain* 2008;24:253-9.
- Hunt C, Andrews G. Comorbidity in the anxiety disorders: the use of a life-chart approach. *J Psychiatr Res* 1995;29:467-80.
- Jacob T, Baras M, Zeev A, Epstein L. A longitudinal, community-based study of low back pain outcomes. *Spine* 2004;29:1810-7.
- Janssen HAM, Muris JWM, Knotterus JA. The clinical course and prognostic determinants of the irritable bowel syndrome: a literature review. *Scand J Gastroenterol* 1998;33:561-7.
- Jensen MP, Turner JA, Romano JM. Changes in beliefs, catastrophizing, and coping are associated with improvement in multidisciplinary pain treatment. *J Cons Clin Psychol* 2001;69:655-62.
- Jensen MP. Enhancing motivation to change in pain treatment. In: *Psychological approaches to pain management. A practitioner's handbook, second edition.* DE Turk & RJ Gatchel (ed). New York: The Guilford Press, 2002.
- Jess P, Bjerregaard B, Brynitz S, Holst-Christensen J, Kalaja E, Lund-Kristensen J, et al. Prognosis of acute nonspecific abdominal pain. A prospective study. *Am J Surg* 1982;144:338-40.
- Johnson NP, Farquhar CM, Crossley S, Yu Y, Van Peperstraten AM, Sprecher M, et al. A double-blind randomised controlled trial of laparoscopic uterine nerve ablation for women with chronic pelvic pain. *Br J Obstet Gynaecol* 2004;111:950-9.
- Kamper SJ, Rebeck TJ, Maher CG, McAuley JH, Sterling M. Course and prognostic factors of whiplash: a systematic review and meta-analysis. *Pain* 2008;138:617-29.
- Keefe FJ, Rumble ME, Scipio CD, Giordano LA, Perri LM. Psychological aspects of persistent pain: current state of the science. *J Pain* 2004;5:195-211.
- Kennedy S, Bergqvist A, Chapron C, D'Hooghe T, Dunselman G, Greb R, et al. ESHRE guideline for the diagnosis and treatment of endometriosis. *Hum Reprod* 2005;20:2698-704.
- Khan KS, Chien PF. Evaluation of a clinical test: I, assessment of reliability. *Br J Obstet Gynecol* 2001;108:562-7.

- Kooiman CG, Ouwehand AW, ter Kuile MM. The sexual and physical abuse questionnaire (SPAQ). A screening instrument for adults to assess past and current experiences of abuse. *Child Abuse Negl* 2002;26:939-53.
- Kraaimaat FW, Bakker AH, Janssen E, Bijlsma JWJ. Intrusiveness of rheumatoid arthritis on sexuality in male and female patients living with a spouse. *Arthritis Care Res* 1996;9:120-5.
- Kraemer HC, Wilson GT, Airburn CG, Gras WS. Mediators and moderators of treatment effects in randomized clinical trials. *Arch Gen Psych* 2002;59:877-83.
- Kwan KSH, Roberts LJ, Swalm DM. Sexual dysfunction and chronic pain: The role of psychological variables and impact on quality of life. *Eur J Pain* 2005;9:643-52.
- Lackner JM, Jaccard J, Krasner SS, Katz LA, Gudleski GD, Blanchard EB. How does cognitive behavior therapy for irritable bowel syndrome work? A analysis of a randomized clinical trial. *Gastroenterol* 2007;133:433-44.
- Lamé IE, Peters ML, Vlaeyen JW, Kleef M, Patijn J. Quality of life in chronic pain is more associated with beliefs about pain, than with pain intensity. *Eur J Pain* 2005;9:15-24.
- Lamvu G, Williams R, Zolnoun D, Wechter ME, Shortliffe A, Fulton G, et al. Long-term outcomes after surgical and nonsurgical management of chronic pelvic pain: one year after evaluation in a pelvic pain specialty clinic. *Am J Obstet Gynecol* 2006;195:591-8.
- Landis JR, Koch GG. The measurement of observer agreement for categorical data. *Biometrics* 1977;33:159-74.
- Leiknes KA, Finset A, Moum T, Sandanger I. Course and predictors of medically unexplained pain symptoms in the general population. *J Psychosom Res* 2007;62:119-28.
- Leonard LM, Follette VM. Sexual functioning in women reporting a history of child abuse. Review of the empirical literature and clinical implications. *Ann Rev Sex Res* 2002;13:375-87.
- Linton SJ. A review of psychological risk factors in back and neck pain. *Spine* 2000;25:1148-56.
- Lyketos CG, Nestadt G, Cwi J, Heithoff K, Eaton WW. The Life Chart Interview: a standardized method to describe the course of psychopathology. *Int J Meth Psych Res* 1994;4:143-55.
- MacKinnon DP, Lockwood CM, Hoffman JM, West SG, Sheets V. A comparison of methods to test mediation and other intervening variable effects. *Psychol Meth* 2002;7:83-104.
- MacLean AB, Stones RW, Thornton S. *Pain in obstetrics and gynaecology*. London: RCOG Press; 2001.
- Mage G, Wattiez A, Canis M, Pouly J, Alexandre F, Bruhat M. Classification of adhesions. In: diZerega GS, editor. *Peritoneal surgery*. New York: Springer-Verlag, 2000;221-8.
- Mallen CD, Peat G, Thomas E, Dunn KM, Croft PR. Prognostic factors for musculoskeletal pain in primary care: a systematic review. *Br J Gen Pract* 2007;57:655-61.

Mathias SD, Kuppermann M, Liberman RF, Lipschutz RC, Steege JF. Chronic pelvic pain: prevalence, health-related quality of life, and economic correlates. *Obstet Gynecol* 1996;87:321-7.

McGowan LPA, Clark-Carter DD, Pitts MK. Chronic pelvic pain: A meta-analytic review. *Psychol Health* 1998;13:937-51.

Melzack R. The McGill pain questionnaire: major properties and scoring methods. *Pain* 1975; 1:277-99.

Merskey H, Bogduk N, editors. Classification of chronic pain. Descriptions of chronic pain syndromes and definitions of pain terms, 2nd edition. Seattle (WA): International Association for the Study of Pain, 1994.

Monga TN, Tan G, Ostermann HJ, Monga U, Grabois M. Sexuality and sexual adjustment of patients with chronic pain. *Disabil Rehabil* 1998; 20:317-29.

Morino M, Pellegrino L, Castagna E, Farinella E, Mao P. Acute nonspecific abdominal pain: a randomized, controlled trial comparing early laparoscopy versus clinical observation. *Ann Surg* 2006;244:881-6.

Nielson WR, Jensen MP. Relationship between changes in coping and treatment outcome in patients with fibromyalgia syndrome. *Pain* 2004;109:233-41.

Nimnuan CM, Hotopf M, Wessely S. Medically unexplained symptoms: an epidemiological study in seven specialities. *J Psychosom Res* 2001;51:361-7.

Norman SA, Lumley MA, Dooley JA, Diamond MP. For whom does it work? Moderators of the effects of written emotional disclosure in a randomized trial among women with chronic pelvic pain. *Psychosom Med* 2004;66:174-83.

Pengel LHM, Herbert RD, Maher CG, Refshauge KM. Acute low back pain: systematic review of its prognosis. *BMJ* 2003;327:323-8.

Peters AA, van Dorst E, Jellis B, van Zuuren E, Hermans J, Trimpos JB. A randomized clinical trial to compare two different approaches in women with chronic pelvic pain. *Obstet Gynecol* 1991; 77:740-4.

Pincus T, Burton AK, Vogel S, Field AP. A systematic review of psychological factors as predictors of chronicity/disability in prospective cohorts of low back pain. *Spine* 2002;27:E109-20.

Price J, Farmer G, Harris J, Hope T, Kennedy S, Mayou R. Attitudes of women with chronic pelvic pain to the gynaecological consultation: a qualitative study. *Br J Obstet Gynecol* 2006; 113:446-52

Pitts MK, Ferris JA, Smith AMA, Shelley JM, Richters J. Prevalence and correlates of three types of pelvic pain in a nationally representative sample of Australian women. *Med J Aust* 2008;189:138-43.

Preacher KJ, Hayes AF. Asymptotic and resampling strategies for assessing and comparing indirect effects in multiple mediator models. *Behav Res Meth* 2008;40:879-91.

- Randolph ME, Reddy DM. Sexual functioning in women with chronic pelvic pain: The impact of depression, support and abuse. *J Sex Res* 2006;43:38-45.
- Revised American Fertility Society classification of endometriosis:1985. *Fertil Steril* 1985;43:351-2.
- Richter HE, Holley RL, Chandraiah S, Varner RE. Laparoscopic and psychologic evaluation of women with chronic pelvic pain. *Int J Psych Med* 1998;28:243-53.
- Rock JA. The revised American Fertility Society classification of endometriosis: reproducibility of scoring. ZOLADEX Endometriosis Study Group. *Fertil Steril* 1995;63:1108-10.
- Roelofs K, Spinhoven P. Trauma and medically unexplained symptoms towards an integration of cognitive and neuro-biological accounts. *Clin Psychol Rev* 2007;27:798-820.
- Savidge CJ, Slade P, Stewart P, Li TC. Women's perspectives on their experiences of chronic pelvic pain and medical care. *J Health Psych* 1998;3:103-16.
- Scholten-Peeters GG, Verhagen AP, Bekkering GE, van der Windt DA, Barnsley L, Oostendorp RA, et al. Prognostic factors of whiplash-associated disorders: a systematic review of prospective cohort studies. *Pain* 2003;104:303-22.
- Skevington SM, Carse MS, Williams ACD. Validation of the WHOQOL-100: pain management improves quality of life for chronic pain patients. *Clin J Pain* 2001;17:264-75.
- Smith KB, Pukall CF, Tripp DA, Nickel JC. Sexual and relationship functioning in men with chronic prostatitis chronic pelvic pain syndrome and their partners. *Arch Sex Behav* 2007;36:301-11.
- Soysal ME, Soysal S, Vicdan K, Ozer S. A randomized controlled trial of goserelin and medroxy-progesterone acetate in the treatment of pelvic congestion. *Hum Reprod* 2001;16:931-9.
- Speckens AEM, van Hemert AM, Bolk JH, Hawton KE, Rooijmans HGM. The acceptability of psychological treatment in patients with medically unexplained physical symptoms. *J Psychosom Res* 1995;39:855-863.
- Spinhoven P, Ormel J, Sloekers PP, Kempen GI, Speckens AE, van Hemert AM. A validation study of the Hospital Anxiety and Depression Scale (HADS) in different groups of Dutch subjects. *Psychol Med* 1997;27:363-70.
- Spinhoven P, ter Kuile M, Kole-Snijders AM, Hutten Mansveld M, Den Ouden DJ, Vlaeyen JW. Catastrophizing and internal pain control as mediators of outcome in the multidisciplinary treatment of chronic low back pain. *Eur J Pain* 2004;8:211-9.
- Stanford EJ, Dell JR, Parsons CL. The emerging presence of interstitial cystitis in gynecologic patients with chronic pelvic pain. *Urology* 2007;69:S53-5.
- Stomp-van den Berg SGM, Vlaeyen JW, ter Kuile MM, Spinhoven P, Van Breukelen GJ, Kole-Snijders AMJ. Meetinstrumenten chronische pijn, deel 2: Pijn Coping en Cognitie lijst (PCCL) [Measurements for chronic pain, part 2: Pain Coping Cognition List (PCCL)]. Maastricht: Grafische Dienstverlening FB/Academisch Pijncentrum (AZM); 2001.

Stones RW, Selfe SA, Fransman S, Horn SA. Psychosocial and economic impact of chronic pelvic pain. *Best Pract Res Clin Obstet Gynaecol* 2000;14:415-31.

Stones RW, Cheong YC, Howard FM. Interventions for treating chronic pelvic pain in women. *The Cochrane Database of Systematic Reviews* 2005(3).

Sullivan MJ, Thorn B, Haythornthwaite JA, Keefe F, Martin M, Bradley LA, et al. Theoretical perspectives on the relation between catastrophizing and pain. *Clin J Pain* 2001;17:52-64.

Swank DJ, Swank-Bordewijk SCG, Hop WCJ, van Erp WF, Janssen IMC, Bonjer HJ, et al. Laparoscopic adhesiolysis in patients with chronic abdominal pain: a blinded randomised controlled multi-centre trial. *Lancet* 2003;361:1247-51.

Swinkels-Meewisse IEJ, Roelofs J, Oostendorp RAB, Verbeek ALM, Vlaeyen JWS. Acute low back pain: pain related fear and pain catastrophizing influence physical performance and perceived disability. *Pain* 2006;120:36-43.

Tan G, Monga U, Thornby J, Monga T. Sexual functioning, age, and depression revisited. *Sex Disabil* 1998;16:77-86.

Ter Kuile MM, Weijnen PTM, Spinhoven P. Sexual functioning in women with chronic pelvic pain: the role of anxiety and depression. *J Sex Med* 2009, Aug 12 [Epub ahead of print].

Ter Kuile MM, Van Lankveld JJDM, Kalkhoven P, Van Egmond M. The Golombok Rust Inventory of Sexual Satisfaction (GRISS): Psychometric properties within a Dutch population. *J Sex Marital Ther* 1999;25:59-71.

Toorenvliet BR, Bakker RFR, Breslau PJ, Merkus JWS, Hamming JF. Colonic diverticulitis: a prospective analysis of diagnostic accuracy and clinical decision making. *Colorectal Dis* 2009, Jan 27 [Epub ahead of print].

Turk DC. Understanding pain sufferers: the role of cognitive processes. *Spine J* 2004;4:1-7.

Van der Kloot WA, Vertommen H. De MPQ-DLV. Een standaard nederlandse versie van de McGill Pain Questionnaire: achtergronden en handleiding [The MPQ-DLV. A standardised Dutch version of the McGill Pain Questionnaire: background and manual]; Lisse: Swets Zeitlinger; 1989.

Van der Zee KI, Sanderman R. Het meten van de algemene gezondheidstoestand met de Rand-36. Een handleiding. [Measuring general health status with the Rand-36. Users manual]. Groningen: Northern Center of Health Care Research; 1994.

Van der Zee KI, Sanderman R, Heyink JW, de Haes H. Psychometric qualities of the RAND 36-Item Health Survey 1.0: a multidimensional measure of general health status. *Int J Behav Med* 1996;3:104-22.

Van Lankveld JJDM, ter Kuile MM. The Golombok Rust Inventory of Sexual Satisfaction (GRISS): Predictive validity and construct validity in a Dutch population. *Pers Indiv Dif* 1999;26:1005-23.

- Van Lankveld JJDM, ter Kuile MM, de Groot HE, Melles R, Nefs J, Zandbergen M. Cognitive behavioral therapy for women with lifelong vaginismus: A randomized waiting-list controlled trial of efficacy. *J Cons Clin Psychol* 2006;74:168-78.
- Vanderiet K, Adriaensen H, Carton H, Vertommen H. The McGill Pain Questionnaire constructed for the Dutch language (MPQ-DV). Preliminary data concerning reliability and validity. *Pain* 1987;30:395-408.
- Vercellini P, Fedele L, Aimi G, Pietropaolo G, Consonni D, Crosignani PG. Association between endometriosis stage, lesion type, patient characteristics and severity of pelvic pain symptoms: a multivariate analysis of over 1000 patients. *Hum Reprod* 2007;22:266-71.
- Verit FF, Verit A, Yeni E. The prevalence of sexual dysfunction and associated risk factors in women with chronic pelvic pain: A cross-sectional study. *Arch Gynecol Obstet* 2006;274:297-302.
- Verkes RJ, van der Kloot WA, van der Meij J. The perceived structure of 176 pain descriptive words. *Pain* 1989;38:219-29.
- Vlaeyen JW, Linton SJ. Fear-avoidance and its consequences in chronic musculoskeletal pain: a state of the art. *Pain* 2000;85:317-32.
- Vlaeyen JWS, Morley S. Cognitive-behavioral treatments for chronic pain. What works for whom? *Clin J Pain* 2005;21:1-8.
- Wagenaar WA. My memory: a study of autobiographical memory over six years. *Cogn Psychol* 1986;18:225-52.
- Ware JE, Sherbourne CD. The MOS 36-item Short-Form Health Survey (SF-36) I. Conceptual framework and item selection. *Med Care* 1992;30:473-83.
- Ware JE, Kosinski M, Keller SD. The SF-36 physical and mental health summary scales: a user's manual. Boston MA: New England Medical Center, The Health Institute; 1994.
- Ware JE. SF-36 health survey update. *Spine* 2000;25:3130-9.
- Weijnenborg PT, Greeven A, Dekker FW, Peters AA, ter Kuile MM. Clinical course of chronic pelvic pain in women. *Pain* 2007;132(Suppl 1):S117-23.
- Weijnenborg PT, ter Kuile MM, Gopie JP, Spinhoven Ph. Predictors of outcome in a cohort of women with chronic pelvic pain - a follow-up study. *Eur J Pain* 2009a;13:768-75.
- Weijnenborg PT, Gardien K, Toorenvliet BR, Merkus JW, ter Kuile MM. Acute abdominal pain in women at an emergency department: Predictors of chronicity. *Eur J Pain* 2009b, May 5 [Epub ahead of print].
- White CL, Lefort SM, Amsel R, Jeans M. Predictors of the development of chronic pain. *Res Nurs Health* 1997;20:309-18.
- Whitehead WE, Palsson O, Jones KR. Systematic review of the comorbidity of irritable bowel syndrome with other disorders: what are the causes and implications? *Gastroenterology* 2002;122:1140-56.

Whiting P, Rutjes AW, Reitsma JB, Glas AS, Bossuyt PM, Kleijnen J. Sources of variation and bias in studies of diagnostic accuracy: a systematic review. *Ann Intern Med* 2004;140:189-202.

Whitney CW, Von Korff M. Regression to the mean in treated versus untreated chronic pain. *Pain* 1992;50:281-5.

Williams AC de C. Assessing chronic pain and its impact. In: Dworkin RH, Breitbart WS, editors. *Psychosocial aspects of pain: a handbook for health care providers*. Progress in pain research and management 2004;vol. 27. Seattle: IASP Press; 2004. p.97-115.

Williams M, Williamson E, Gates S, Lamb S, Cooke M. A systematic literature review of physical prognostic factors for the development of late whiplash syndrome. *Spine* 2007;32:E764-80.

Williams RE, Hartmann KE, Steege JF. Documenting the current definitions of chronic pelvic pain: implications for research. *Obstet Gynecol* 2004;103:686-91.

Williamson E, Williams M, Gates S, Lamb SE. A systematic literature review of psychological factors and the development of late whiplash syndrome. *Pain* 2008;135:20-30.

Zigmond AS, Snaith RP. The Hospital Anxiety and Depression Scale. *Acta Psychiatr Scand* 1983;67:361-70.

Zondervan KT, Yudkin PL, Vessey MP, Dawes MG, Barlow DH, Kennedy SH. Prevalence and incidence of chronic pelvic pain in primary care: evidence from a national general practice database. *Br J Obstet Gynaecol* 1999a;106:1149-55.

Zondervan KT, Yudkin PL, Vessey MP, Dawes MG, Barlow DH, Kennedy SH. Patterns of diagnosis and referral in women consulting for chronic pelvic pain in UK primary care. *Br J Obstet Gynaecol* 1999b;106:1156-61.

Zondervan KT, Yudkin PL, Vessey MP, Jenkinson CP, Dawes MG, Barlow DH, et al. The community prevalence of chronic pelvic pain in women and associated illness behaviour. *Br J Gen Pract* 2001;51:541-77.

Zondervan KT, Yudkin PL, Vessey MP, Jenkinson CP, Dawes MG, Barlow DH, et al. Chronic pelvic pain in the community-symptoms, investigations, and diagnoses. *Am J Obstet Gynecol* 2001;184:1149-55.

