

## References

- Adler, A. I., Stratton, I. M., Neil, H. A., Yudkin, J. S., Matthews, D. R., Cull, C. A., et al. (2000). Association of systolic blood pressure with macrovascular and microvascular complications of type 2 diabetes (UKPDS 36): prospective observational study. *British Medical Journal*, *321*, 412-419.
- Aekplakorn, W., Stolk, R. P., Neal, B., Suriyawongpaisal, P., Chongsuvivatwong, V., Cheepudomwit, S., et al. (2003). The prevalence and management of diabetes in Thai adults: the International Collaborative Study of Cardiovascular Disease in Asia. *Diabetes Care*, *26*, 2758-2763.
- Aekplakorn, W., Stolk, R. P., Neal, B., Suriyawongpaisal, P., Chongsuvivatwong, V., Cheepudomwit, S., et al. (2003). *The prevalence and management of diabetes in Thai adults: the International Collaborative Study of Cardiovascular Disease in Asia*. Retrieved 13 April, 2003, from [http://www.findarticles.com/cf\\_dls/m0CUH/10\\_26/109130433/p1/article.jhtml](http://www.findarticles.com/cf_dls/m0CUH/10_26/109130433/p1/article.jhtml)
- Alam, S., Stolinski, M., Pentecost, C., Boroujerdi, M. A., Jones, R. H., Sonksen, P. H., et al. (2004). The effect of a six-month exercise program on very low-density lipoprotein apolipoprotein B secretion in type 2 diabetes. *The Journal of Clinical Endocrinology & Metabolism*, *89*(2), 688-694.
- American Diabetes Association. (1995). *Selected diabetes and nutrition education resources: For the diabetes professional*. Diabetes and diabetes care and education, a Dietetic Practice Group of the American Dietetic Association. Chicago, Illinois: Diabetes Association.
- American Diabetes Association. (1999). Tests of Glycemia in Diabetes (Position Statement). *Diabetes Care*(S1), 77-79.

- American Diabetes Association. (2003). Screening for type 2 diabetes. *Diabetes Care*, 26(1), s21-s24.
- American Diabetes Association. (2003). Hyperglycemic crises in patients with diabetes mellitus. *Diabetes Care*, 26(1), s109-s117.
- American Diabetes Association. (2004). Standards of medical care for patients with diabetes. *Diabetes Care*, 27(Suppl. 1), S15-S35.
- Anderson, L. (1990). Health care communication and selected psychosocial correlates of adherence in diabetes management. *Diabetes Care*, 13, 66-77.
- Anderson, R., Fitzgerald, J., Funnell, M., & Marrero, D. (2000). The diabetes empowerment scale: A measure of psychosocial self-efficacy. *Diabetes Care*, 23(6), 739-743.
- Anderson, K., M., Funnell, M. M., Barr, P. A., Dedrick, R. F., & David, W. K. (1991). Learning to empower patients. *Diabetes Care*, 14, 584-590.
- Anderson, D. K. G., & Svaardsudd, K. (1995). Long-term glycemetic control relates to mortality in type II diabetes. *Diabetes Care*, 18, 1534-1543.
- Anderson, K., M., Wilson P, W., F., Odell, P. M., & Kannel, W. B. (2004). An updated coronary risk profile. *Circulation*, 83, 356-362.
- Arunneatara, P. (1998). *The effects of group process on knowledge, self-care behaviors and diabetic control in NIDDM*. Unpublished master's thesis of Nursing Science (Adult Nursing), Mahidol University, Bangkok.
- Assmann, G., Cullen, P., Fruchart, J.-C., Greten, H., Naruszwicz, M., & Olsson, A. et al. (2005). *Implications of emerging risk factors for therapeutic intervention*. Retrieved 29 July, 2006, from [http://www.chd-taskforce.com/pdf/2004\\_08\\_27\\_munich.pdf](http://www.chd-taskforce.com/pdf/2004_08_27_munich.pdf).
- Bajaj, M., & DeFronzo, R. A. (2004). *International text book of diabetes mellitus "Combination Therapy in Type 2 Diabetes"*, from <http://gasnet.med.yale.edu/societies/ascca/2004-State Of The Art.pdf>

- Bandura, A. (1977). Self-efficacy: Toward a unifying theory of behavior change. *Psychological Review*, 84, 191-215.
- Bandura A. (1984). Recycling misconceptions of perceived self-efficacy. *Cognitive Therapy and Research*, 8, 231-255.
- Bandura, A. (1986). *Social foundations of thought and action*. Englewood Cliffs: Prentice Hall.
- Bandura, A. (1994). Self-efficacy. In: V.S. Ramachaudran (Ed). *Encyclopedia of human behavior*. New York: Academic Press.
- Bandura, A. (1997). Self Efficacy. The exercise of Control. New York: Freeman.
- Barlow, J., Wright, C., Sheasby, J., Turner, A., & Hainsworth, J. (2002). Self-management approaches for people with chronic conditions: a review. *Patient Education and Counseling*, 1603, 1-11.
- Beaser, R. S., Garbus, S. B., & Jacobson, A. M. (1996). Diabetes Mellitus. In S. Spilker (Ed.), *Quality of life and pharmacoeconomics in clinical trials* (2 ed., pp. 983-991). Philadelphia: Lippincott-Raven.
- Benjasuratwong, Y., Suthijumroon, A., Nitiyanant, W., & Tandhanand, S. (1999). *Diabetes study group of Thailand and diabetes management in Thailand and outcome*, from [www.internmedjthai.com/Vol18n2/Vascular%20com-Rachada.pdf](http://www.internmedjthai.com/Vol18n2/Vascular%20com-Rachada.pdf)
- Benoit, S. R., Fleming, R., Philis-Tsimikas, A., & Ji, M. (2005). Predictors of glycemic control among patients with Type 2 diabetes: A longitudinal study. *BMC Public Health*, 5, 36.
- Berg, A. O. (2004). Screening for type 2 diabetes mellitus in adults: Recommendation and rational. *American Journal of Nursing*, 104(3), 83-94.
- Bhuripanyo, P., Graisopa, S., Suwanwatana, C., Prasertkaew, S., Kiatsayompoo, S., Bhuripanyo, K., et al. (1992). Vascular complications in noninsulin dependent diabetes mellitus (NIDDM) in Srinagarind Hospital, Khon Kaen. *Journal of the Medical Association of Thailand*, 75(10), 570-577.

- Blaum, C. S., Velez, L., Hiss, R. G., & Halter, J. B. (1997). Characteristics related to poor glycemic control in NIDDM patients in community practice. *Diabetes Care*, 20, 7-11.
- Bodenheimer, T., Lorig, K., Holman, H., & Grumbach, K. (2002). Patient self-management of chronic disease in primary care. *Journal of American Medical Association*, 288, 2469-2475.
- Bogardus, C., Lillioja, S., Mott, D. M., Hollenbeck, C., & Reaven, G. (1985). Relationship between degree of obesity and in vivo insulin action in man. *American Journal of Physiology*, 248(3), E286-E291.
- Borrle, N. G., Haddad, E., Kenny, G. P., & et al., (2001). Effects of exercise on glycemic control and body mass in type 2 diabetes mellitus: a meta-analysis of controlled clinical trials. *Journal of American Medical Association*, 286, 1218-1227.
- Browder, D. M., & Shapiro, E. S. (1985). Applications of self-management to individuals with severe handicaps: A review. *Journal for the Association for Persons with Severe Handicaps*, 10(4), 200-208.
- Brown, S. A., Kouzekanani, K., Garcia, A. A., & Hanis, C. L. (2002). Culturally competent diabetes self-management education for Mexican Americans. *Diabetes Care*, 25(2), 259-268.
- Brown, S. A., Garcia, A. A., Blozis, S. A., Winchell, M., Kouzekanani, K., & Hanis, C. L. (2005). Dosage effects of diabetes self-management education for Mexican Americans: The Starr county border initiative. *Diabetes Care*, 28(3), 527-532.
- Bruce, D. G., David, W. A., Cull, C. A., & Davis, T. M. E. (2003). Diabetes education and knowledge in patients with type 2 diabetes from the community: The Fremantle Diabetes Study. *Journal of Diabetes and Its Complications*, 17, 82-89.

- Bureau of Health Policy and Plan, Ministry of Public Health. (29 May-2 June 2000). *Country report on health status and health problems in Thailand and application of nuclear medicine techniques in resolving some of national health problems*. Paper presented at the International Atomic Energy Agency Advisory Group Meeting on Health Care (RAS/0/030), Mataram, Lombok, Indonesia.
- Castaneda, C., Foldvari, M., Layne, J. E., Roubenoff, R., Munoz-Orians, L., Tucker, K. L., et al. (2002). A randomized controlled trial of resistance exercise training to improve glycemic control in older adults with type 2 diabetes. *Diabetes Care*, 25(12), 2335-2341.
- Chandalia, M., Garg, A., Lutjohann, D., Bergmann, K. v., Grundy, S. M., & Brinkley, L. J. (2004). Beneficial effects of high dietary fiber intake in patients with type 2 diabetes mellitus. *The New England Journal of Medicine*, 342, 1392-1398.
- Chitwarin, N. (2001). *Improving the self-practice of the patients with poorly blood glucose controlling at the diabetes clinic, Sabayoi Hospital*. Unpublished master's thesis, Prince of Songkla University, Songkla.
- Chumchia, P. (1998). *Cost analysis of diabetic outpatients of health card holders and non-health card holders in Sena hospital, Chulalongkorn University, Bangkok*.
- Clarke, J., Crawford, A., & Nash, D. B. (2002). Evaluation of a comprehensive diabetes disease management program: Progress in the struggle for sustained behavior change. *Disease Management*, 5(2), 77-86.
- Clark, M., & Hampson, S. E. (2001). Implementing a psychological intervention to improve lifestyle self-management in patients with type 2 diabetes. *Patient Education and counseling*, 42, 247-256.
- Clark, N. M., & Dodge, J. A. (1999). Exploring self-efficacy as a predictor of disease management. *Health Education & Behavior*, 26, 72-89.

- Clement, S. (1995). Diabetes self-management education: a technical review. *Diabetic Care, 18*, 1204-1214.
- Coates, V. E., & Boore, J. R.P. (1996). Knowledge and diabetes self-management. *Patient Education and Counseling, 29*, 99-108.
- Cockram, C.S (2000). The epidemiology of diabetes mellitus in Asia-Pacific region. Retrieved January 10, 2003, from <http://www.hkam.org.hk/publications/hkmj/Article.pds/Hkm0003p10.pdf>.
- Coleman, P. G., Goodall, G. I., Garcia-Webb, P., Williams, P. F., & Dunlop, M. E. (1997). Glycohaemoglobin: a crucial measurement in modern diabetes management: progress towards standardization and improved precision of measurement. *Medical Journal, 167*, 96-98.
- Coleman, M., T., & Newton, K. (2005). Supporting self-management in patient with chronic illness. *American Family Physician, 12*(8), 1503-1510.
- Cook, R. J., & Sackett, D. L. (1995). The number needed to treat: a clinically useful measure of treatment effect. *British Medical Journal, 310*, 452-454.
- Creer, T. L. (2000). Self-management. In M. Bockaert, P.R. Pintrich, & M. Zeidner (Eds.), *Handbook of self-regulation*. San Diego; California: Academic Press.
- Creer, T. L., & Bender, B. G. (1993). Asthma. In R.J.Gatchel & E.B.Blanchard (Eds.), *Psychophysiological disorders* (pp. 151-203). Washington, DC: APA.
- Creer, T. L., & Holroyd, K. A. (1997). Self-management. In A. Baum, C. McManus, S. Newman, J. Weinman & R. West (Eds.), *Cambridge handbook of Psychology, Health and Medicine*. Cambridge: Cambridge University Press.
- Deakin, T., Mc Shane, C. E., Cade, J. E., & Williams, R. D. (2005). *Group based training for self-management strategies in people with type 2 diabetes mellitus*. Retrieved 20 January, 2007, from [www.hbns.org/getDocument.cfm?documentID=1061](http://www.hbns.org/getDocument.cfm?documentID=1061).

- Delamater, A.M. (2006). Improving patient adherence. *Clinical Diabetes*, 24, 71-76.
- DeWeerd, I., Visser, A., & van der Veen, E. (1989). Attitude behavior theories and diabetes education programmes. *Patient Education and Counseling*, 13, 3-19.
- Diabetes Control and Complications Trial Research Group.(1993). The effects of intensive treatment of diabetes on the development and progression of long-term complications in insulin-dependent diabetes mellitus. *The New England Journal of Medicine*, 329, 977-986.
- Diabetes Control and Complications Trial Research Group (2000). Retinopathy and nephropathy in patients with type 1 diabetes four years after a trial of intensive therapy. *The New England Journal of Medicine*, 342, 381-389.
- Dongbo, F., Hua, F., McGowan, P., Yi-e, S., Lizhen, Z., Huiqin, Y., et al.(2003). Implementation and quantitative evaluation of chronic disease self-management programme in Shanghai, China: randomized controlled trial. *Bulletin of the World Health Organization*, 81(3), 174-182.
- Estabrooks, P. K., Nelson, C. C., Xu, S., King, D., Bayliss, E. A., Gaglio, B., et al. (2005). The frequency and behavioral outcomes of goal choices in the self-management of diabetes. *The Diabetes Educator*, 31(3), 391-400.
- Expert Committee on The Diagnosis and Classification of Diabetes Mellitus. (2003). Report of the expert committee on the diagnosis and classification of diabetes mellitus. *Diabetes Care*, 26(1), s5-s20.
- Franciosi, M., Pellegrini, F., Berardis, G. D., Belfiglio, M., Cavaliere, D., Nardo, B. D., et al. (2001). The impact of blood glucose self-monitoring on metabolic control and quality of life in type 2 diabetic patients. *Diabetes Care*, 24, 1870-1877.
- Friesen, J. (1997). Nutrition therapy. In D. W. Guthrie & R. A. Guthrie (Eds.), *Nursing management of diabetes mellitus: A guide to the pattern approach*. New York: Springer.

- Fonseca, V. A., Theuma, P., Mudaliar, S., Leissinger, C. A., Clejan, S., & Henry, R. R. (2006). Diabetes treatments have differential effects on nontraditional cardiovascular risk factors. *Journal of Diabetes and Its Complications*, 20, 14-20.
- Gaede, P., Vedel, P., Larsen, N., Jensen, G. V., Parving, H. H., & Pedersen, O. (2003). Multifactorial intervention and cardiovascular disease in patients with type 2 diabetes. *The New England Journal of Medicine*, 348.
- Gallichan M. (1997). Self monitoring of glucose by people with diabetes: evidence based practice. *British Medical Journal*, 314: 964-967.
- Garrett, N., Hageman, C. M., Sibley, S. D., Davern, M., Berger, M., Brunzell, C., et al. (2005). The effectiveness of an interactive small group diabetes intervention in improving knowledge, feeling of control, and behavior. *Health Promotion Practice*, 6(3), 320-328.
- Gary, T. L., Genkinge, J. M., Guallar, E., Peyrot, M., & Brancat, F. L. (2003). Meta-analysis of randomized controlled trials of educational and behavioral interventions in type 2 diabetes. *Diabetes Education*, 29, 488-501
- Gary, T. L., Batts-Turner, M., Bone, L. R., Yeh, H.-c., Wang, N.-Y., Hill-Briggs, F., et al. (2004). A randomized controlled trial of the effects of nurse case manager and community health worker team interventions in urban African-American with type 2 diabetes. *Controlled Clinical Trials*, 25, 53-66.
- Gavin, J. R., Peterson, K., & Warren-Boulton, E. (2003). *Reducing cardiovascular disease risk in patients with type 2 diabetes: A message from the national diabetes education program*. Retrieved 18 June, 2004, from <http://www.aafp.org/afp/20031015/1569.html>
- Gerd, A., Paul, C., Jean-Charles, F., Heiner, G., Marek, N., Anders, O et al. (2005). *Implications of emerging risk factors for therapeutic intervention*, from [www.chdtaskforce.com/pdf/2004\\_08\\_27\\_munich.pdf](http://www.chdtaskforce.com/pdf/2004_08_27_munich.pdf)



- Gillespie, J. (2002). The value of disease management-part 2: balancing cost and quality in the treatment of diabetes mellitus. *Disease Management*, 5(1), 37-50.
- Glasgow, R. E., Boles, S. M., McKay, H. G., Feil, E. G., & Barrera, M. (2003). The D-Net diabetes self-management program: long-term implementation, outcomes, and generalization results. *Preventive Medicine*, 36, 410-419.
- Glasgow, R. E., & Toobert, D. J. (2000). Brief, computer-assisted diabetes dietary self-management counseling. *Medical Care*, 38(11), 1062-1073.
- Glasgow, R. E., Toobert, D. J., Hampson, S. E., & Strycker, L. A. (2002). Implementation, generalization and long-term results of the "choosing well" diabetes self-management intervention. *Patient Education and Counseling*, 48, 115-122.
- Goldberg, R. B., Mellies, M. J., Sacks, F. M., Moye, L. A., Howard, B. V., Howard, W. J., et al. (1998). Cardiovascular events and their reduction with pravastatin in diabetic and glucose-intolerant myocardial infarction survivors with average cholesterol levels: subgroup analyses in the cholesterol and recurrent events (CARE) trial. *Circulation*, 98, 2513-2519.
- Goldhaber-Fiebert, J. D., Goldhaber-Fiebert, S. N., Tristan, M. L., & Nathan, D. M. (2003). Randomized controlled community-based nutrition and exercise intervention improve glycemia and cardiovascular risk factors in type 2 diabetic patients in rural Costa Rica. *Diabetes Care*, 26(1), 24-29.
- Goudswaard, A. N., Stolk, R. P., Zuithoff, N. P, de Valk, H. W., & Rutten, G. E. (2004). Long-term effects of self-management education for patients with type 2 diabetes taking maximal oral hypoglycemic therapy: a randomized trial in primary care. *Diabetic Medicine*, 20, 491-496.
- Grassi, P., & Monza-Milan, I. (2004). *Prevention of coronary heart disease: the case for blood pressure control*. Retrieved 1 May, 2004, from [http://www.escardio.org/knowledge/cardiologypactice/ejournal\\_vol1/Vol1\\_no13.htm](http://www.escardio.org/knowledge/cardiologypactice/ejournal_vol1/Vol1_no13.htm)

- Gruman, J., & von Korff, V.M. (1996). *Employee self-management of health: techniques that improve outcomes and cut costs*. Retrieved August 15, 2002, from <http://www.cfah.org/publications/self-management.cfm>
- Grundy, S. M., Pasternak, R., Greenland, P., Smith, S., & Fuster, V. (1999). Assessment of cardiovascular risk by use of multiple-risk-factor assessment equations: a statement for healthcare professionals from the American Heart Association and the American College of Cardiology. *Circulation, 100*, 1481-1492.
- Grundy, S. M., Brewer, H. B., Cleeman, J. I., Smith, S. C., & Lenfant, C. (2004). The American Heart Association/ National Heart Lung and Blood Institute/ American Heart Association conference on scientific issues related to definition. *Circulation, 109*, 433-438.
- Guerci, B., Drouin, P., Grange', V., Bougneres, P., Fontaine, P., Kerlan, V., et al. (2003). Self-monitoring of blood glucose significantly improves metabolic control in patients with type 2 diabetes mellitus: the Auto-Sueveillance Intervention Active (ASIA). *Diabetes Metabolism, 29*(6), 587-594.
- Guthrie, D. W., & Guthrie, R. A. (1997). *The diabetes sourcebook: today's method and way to give yourself to best care*. Los Angeles: Lowell House.
- Guthrie, D. W., & Guthrie, R. A. (1997). *Nursing management of diabetes mellitus: A guide to pattern approach*. New York: Springer Publishing.
- Haffner, S. M., Hazuda , H. P., Stern, M. P., Patterson, J. K., Van Heuven, W. A. J., & Fong, D. (1989). Effect of socioeconomic status on hyperglycemia and retinopathy levels in Mexican Americans with NIDDM. *Diabetes Care, 12*, 128-134.
- Hanestad, B. R. (1989). Insulin-dependent diabetes mellitus and quality of life: A theoretical analysis. *Scandinavian Journal of Caring Science, 6*(4), 229-240.

- Hansson L, Zanchett A, Carruthers SG, et al. (1998). Effects of intensive blood-pressure lowering and low-dose aspirin on patients with hypertension: principal results of the Hypertension Optimal Treatment (HOT) randomized trial. *Lancet*, 351, 1755-1762.
- Hanucharunkul, S. (2002). Nursing research: self-care among persons with diabetes in Thailand. *Journal of Research Methodology*, 15(2), 191-214.
- Harris, M. I. (1989). Impaired glucose tolerance in the U.S. population. *Diabetes Care*, 12, 464-474.
- Harris, M. I. (1995). Classification, diabetes in America. In (2 ed., pp. 15-36). Washington, DC: National Institutes of Health, N.I.H, publication U.S. Government printing office.
- Health Information Division, Bureau of Health Policy and Plan. (2002). *Percentage cause of death of first 10 leading by sex study mortality 15 province and Bangkok Metropolitan, 1997-1999*. Retrieved 28 April, 2004, from 203.157.19.191/6-death.doc
- Herbert, C.P., & Visser, A. (1996). Improving self-management in patients with diabetes: knowledge is not enough. *Patient Education and Counseling*, 29, 1-3.
- Hetherington, R. (2006). *Confidence and expectations are related to diabetes self-management in teenagers*. Retrieved June 01, 2006, from <http://www.aboutkidshealth.ca/ofhc/news/DB/4929.asp>
- Hickey, M. L., Owen, S. V., & Froman, R. D. (1992). Instrument development: cardiac diet and exercise self-efficacy. *Nursing Research*, 41(6), 347-351.
- Hobbs, F. R. (2006). Reducing cardiovascular risk in diabetes: Beyond glycemic and blood pressure control. *International Journal of Cardiology*, 110, 137-145.
- Holroyd, K. A., & Creer, T. L. (1986). *Self-management of chronic disease: Handbook of clinical interventions and research*. Orlando: Academic Pr.

- Horton, E. S. (1997). Therapeutic option treatment of type 2 diabetes. In J. M. Olefsky (Ed.), *Current approaches to the management of type 2 diabetes: A practical monograph*. San Diego: the National Education Initiative (NDEI).
- Howard, B. V. (2003). Non- HDL cholesterol as a predictor of cardiovascular disease in type 2 diabetes: the strong heart study. *Diabetes Care*, 26, 16-23.
- Howells, A. L., Wilson, A., Skinner, T., Newton, R., Morris, A., & Greene, S. (2001). Improving self-efficacy and glycemic control in young people with type 1 diabetes: A randomized control trial of contracted telephone support. *Diabetes Medicine*, 18(2), 5.
- Howells, L. A. L. (2002). Self-efficacy and diabetes: Why is emotional education? important and how can it be achieved? *Hormone Research*, 2002, 57 (suppl 1), 69-71.
- Jacobson, A., Barofsky, I., Cleary, P., & Rand, L. (1988). Reliability and validity of diabetes quality of life measure for diabetes control and complication trial (DCCT). *Diabetes Care*, 11(9), 725-731.
- Jacobson, A., & de Groot, M. (1994). The evaluation of two measures of quality of life in patient with type I and type II diabetes. *Diabetes Care*, 17(4), 267-274.
- Jutiwiroj, B., & Leelasamran, V. (2001). Effectiveness of a diabetes self-management education program in Songklanagarind Hospital. *Songkhla Medical Journal*, 19(2), 89-94.
- Karoly, P. (1993). Mechanisms of self-regulation: A systems view. *Annual Review of Psychology*, 44, 23-52.
- Karter, A. J., Ackerson, L. M., Darbinian, J. A., D' Agostino, R. B., Ferrara, A., Liu, J., et al. (2001). Self-monitoring of blood glucose levels and glycemic control: the Northern California Kaiser Permanente Diabetes registry. *American Journal of Medicine*, 111(1), 1-9.

- Keeratiyutawong, P., Hanucharurnkul, S., Melkus, G. D., Panpakdee, O., Vorapongsathorn, T. (2006). Effectiveness of a self-management program for Thais with type 2 diabetes. *Thai Journal Nursing Research*, 10, 85-97.
- Keyserling, T. C., Elasy, T. A., Samuel-Hodge, C. D., Skelly, A. H., Ammerman, A. S., Skelly, A. H., et al. (2002). A Randomized Trial of an intervention to improve self-care behaviors of African-American women with type 2 diabetes: Impact on physical activity. *Diabetes Care*, 25(9), 1576-1598.
- Kim, H-S., & Oh, J-A. (2002). Adherence to diabetes control recommendations: impact of nurse telephone calls. *Journal of Advance Nursing*, 44(3), 256-261.
- King, H., Aubert, R. E., & Herman, W. H. (1998). Global burden of diabetes, 1995-2025: prevalence, numerical estimates, and projections. *Diabetes Care*, 21, 1414-1431.
- King, C. R., & Hinds, P. S. (1998). Quality of life from nursing and patient perspectives: Theory, Research, Practice. Sudbury, Massachusetts: Jones and Barlett.
- Kinmouth, A. L., Woodcock, A., Griffin, S., Spiegel, N., & Campbell, M. J. (1998). Randomized controlled trial of patient centered care of diabetes in general practice: impact on current well being and future disease risk. *British Medical Journal*, 317, 1202-1208.
- Kirk, A. F., Higgins, L. A., Hughes, A. R., Fishert, B. M., Mutrie, N., Hillis, S., et al. (2001). A randomized, controlled trial to study the effect of exercise consultation on the promotion of physical activity in people with type 2 diabetes: a pilot study. *Diabetic Medicine*, 18, 877-882.
- Kirk, A. F., Mutrie, N., Mac Intyre, P., & Misher, M. (2003). Increasing physical activity in people with type 2 diabetes. *Diabetes Care*, 26, 1186-1192.
- Kissebah, A. H., Vydellingum, N., Murray, R., Evans, D. J., Hartz, A. J., Kalkhoff, R. K., et al. (1982). Relation of body fat distribution to metabolic complications of obesity. *Journal of Clinical Endocrinology & Metabolism*, 54, 254-260.

- Ko, C. H., & Gu, M. O. (2004). The effects of diabetic educational program for coping with problem situation on self-efficacy, self-care behaviors, coping and glycemic control in type 2 diabetic patients. *Taehan Kanho Hakhoe Chi*, 34(7), 1205-1214.
- Kolterman, O. G., Insel, J., Saekow, M., & Olefsky, J. M. (1980). Mechanisms of insulin resistance in human obesity. Evidence for receptor and post receptor defects. *Journal of Clinical Investigation*, 65(1272-1284).
- Krein, S. L., Klamerus, M. L., Vijan, S., Lee, J. L., Fitzgerald, J. T., Pawlow, A., et al. (2004). Case management for patients with poorly controlled diabetes: A randomized trial. *The American Journal of Medicine*, 116, 732-739.
- Krittayaphong, R., Bhuripanyo, K., Raungratanaamporn, O., Chotinaiwatarakul, C., Chaowalit, N., Punlee, K., et al. (2000). Reliability of Thai version of SF-36 questionnaire for the evaluation of quality of life in cardiac patients. *Journal of the Medical Association of Thailand*, 83 (Suppl 2), s130-136.
- Kwon, H.-S., Kim, H.-S., Cho, J.-H., Cha, B.-Y., Kim, H.-S., Lee, K.-W., et al. (2004). Establishment of blood glucose monitoring system using the internet. *Diabetes Care*, 27(2), 478-483.
- Lebovitz, H. E., & Melander, A. (2004). Sulfonylureas: Basic aspects and clinical uses. In R. A. Defronzo, E. Ferrannini, H. Keen & P. Zimmet (Eds.), *International textbook of diabetes mellitus* (3 ed.). West Sussex: John Wiley & Sons.
- Leelawattana, R., Rattarasarn, C., Lim, A., Soonthornpun, S., & Setasuban, W. (2003). Causes of death, incidence and risk factors of cardiovascular diseases in Thai type 2 diabetic patients: a 5 year follow-up study. *Diabetes Research Clinical Practice*, 60(3), 183-189.

- Lemon, C. C., Lacey, K., Lohse, B., Hubacher, D. O., & Klawitter, B. (2004). Outcomes monitoring of health, behavior, and quality of life after nutrition intervention in adults with type 2 diabetes. *Journal of the American Dietetic Association, 104*, 1805-1815.
- Likitrachoen, S. (2000). *Meta-analysis of educative-supportive intervention research for diabetic patients in Thailand*. Unpublished master's thesis, Mahidol University, Bangkok.
- Look Ahead Research Group. (2003). Look AHEAD (Action for Health in Diabetes): Design and methods for a clinical trial of weight loss for the prevention of cardiovascular disease in type 2 diabetes. *Controlled Clinical Trials, 24*, 610-628.
- Lorig, K. (1993). Self-management of chronic illness: A model for the future. *Generations, 17*(fall), 11-14.
- Lorig, K., & Gonzalez, V. M. (2000). Community-based diabetes self-management education: Definition and case study. *Diabetes Spectrum, 14*(4), 234.
- Lorig, K., & Holman, H. (1993). Arthritis self-management studies: a twelve-year review. *Health Education Quarterly, (20)*, 17-28.
- Lorig, K., & Holman, H. (August 2000). *Self-management education: context, definition, and outcomes and mechanisms*. Retrieved September 5, 2004, from <http://www.chronicdisease.health.gov.au/pdfs/lorig.pdf>
- Lu, W. Q., Resnick, H. E., Jablonski, K. A., Jain, A. K., Jones, K. L., Robbins, D. C., et al. (2004). Effects of glycaemic control on cardiovascular disease in diabetic American Indians: the Strong Heart Study. *Diabetes UK. Diabetic Medicine, 21*, 311-317.
- Lubkin, I. M., & Larson, P. D. (1998). *Chronic illness-impact and interventions* (4th ed.). Sudbury, MA: Jones & Bartlett.
- Maddux, J. E., & Stemley, M. A. (1986). Self-efficacy in contemporary psychology. *Clinical Psychology, 4*, 3.

- Maibach, E., & Murphy, D. A. (1995). Self-efficacy in health promotion research and practice: conceptualization and measurement. *Health Education Research, 10*(6), 37-50.
- Maiorana, A., Driscoll, G. O., Goodman, C., Taylor, R., & Green, D. (2002). Combined aerobic and resistance exercise improves glycemic control and fitness in type 2 diabetes. *Diabetes Research and Clinical Practice, 56*, 115-123.
- Marrugat, J., Agostino, R. D., Sullivan, L., Elosua, R., Wilson, P., Ordovas, J., et al. (2003). An adaptation of the Framingham coronary heart disease risk function to European Mediterranean areas. *Journal of Epidemiology and Community Health, 57*, 634-638.
- Mayer-Davis, E. J., Antonio, A. D., Martin, M., Wandersman, A., Parra-Medina, D., & Schulz, R. (2001). Pilot study of strategies for effective weight management in type 2 diabetes: pounds off with empowerment (POWER). *Family & Community Health, 24*(2), 27-35.
- Mazucca, K. B., Farris, N. A., Mendenhall, J., & Stoupa, R. A. (1997). Demonstrating the added value of community health nursing for client with insulin-dependent diabetes. *Journal of Community Health Nursing, 14*, 211-224.
- Melkus, G. D. E., Spollett, G., Jefferson, V., Chyun, D., Tuohy, B., Robinson, T., et al. (2004). A culturally competent intervention of education and care for black woman with type 2 diabetes. *Applied Nursing Research, 17*(1), 10-20.
- Menetthip, S. (1997). *A survey of nursing research related diabetic patients in Thailand*. Unpublished doctoral dissertation, Mahidol University, Bangkok.
- Mensing, C. R., & Norris, S. L. (2003). Group education in diabetes: Effectiveness and implementation. *Diabetes Spectrum, 16*(2), 96-103.
- Methakanjanasak, N. (2005). *Self-management of end stage renal disease patients receiving hemodialysis*. Unpublished doctoral dissertation, Chiang Mai University, Chiang Mai.



- Milenkovic, T., Gavrilovic, S., Percan, V., & Petrovski, G. (2004). Influence of diabetes education on patient well-being and metabolic control. *Diabetologia Croatica*, 33(3), 91-96.
- Miller, C. K., Edwards, L., Kissling, G., & Sanville, L. (2002). Nutrition education improves metabolic outcomes among older adults with diabetes mellitus: results from a randomized controlled trial. *Preventive Medicine*, 34, 252-259.
- Moens, A., Grypdonck, M. H., & van der Bijl, J. J. (2001). The development and psychometric testing of an instrument to measure diabetes management self-efficacy in adolescents with type 1 diabetes. *Scholarly Inquiry for Nursing Practice*, 15(3), 223-233.
- Mooradian, A. D., McLaughlin, R. D., Boyer, C. C., & Winter, J. (1999). Diabetes care for older adults. *Diabetes Spectrum*, 12(2), 70-77.
- Murphy D, J., Burrows, D., Santilli, S., & et al. (1994). The influence of probability of survival on patients' preference regarding cardiopulmonary resuscitation. *The New England Journal of Medicine*, 330, 545-549.
- Nathan, D.M. (2000). The treatment of diabetes mellitus to prevent and delay long-term complication: the diabetes control and complication trial. In D. LeRoith, S.I. Tayer, & J.M. Olefsky (Eds.), *Diabetes mellitus: A fundamental and clinical text*(2<sup>nd</sup> ed., pp. 456-470). New York: Lippincott Williams & Wilkins.
- Navicharern, R. (1999). *Effects of collaborative symptom management between a patient with non-insulin dependent diabetes mellitus and a nurse*. Unpublished master's thesis of Nursing Science (Adult Nursing), Mahidol University, Bangkok.
- Nichols, G. A., Hillier, T. A., Javor, K., & Brown, J. B. (2000). Predictors of glycemic control in insulin-using adults with type 2 diabetes. *Diabetes Care*, 23, 273-277.

- Nichols, G. A., & Brown, J. B. (2005). Higher medical care costs accompany impaired fasting glucose "costs of IFG". *Diabetes Care*, 28(9), 2223-2229.
- Norris, S. L., Engelgau, M. M., & Narayan, K. M. V. (2001). Effectiveness of self-Management training in type 2 diabetes: A systematic review of randomized controlled trials. *Diabetes Care*, 24(3), 561-587.
- Norris, S. L., Lau, J., Smith, S. J., Schmid, C. H., & Engelgau, M. M. (2002). Self-management education for adults with type 2 diabetes. *Diabetes Care*, 7, 1159-1171.
- Nunnally, J. C., & Bernstein, I. H. (1994). Psychometric Theory. In McGraw-Hill(Ed.), *Psychology* (3<sup>rd</sup> Edition ed., pp. 264-265). New York: McGraw-Hill.
- Oh, J. A., Kim, H. S., Yoon, K. H., & Choi, E. S. (2003). A telephone-delivered intervention to improve glycemic control in type 2 diabetic patients. *Yonsei Medical Journal*, 44(1), 1-8.
- Ohki, Y., Kishi, M., Orimo, H., & Ohkawa, T. (2004). The factors affecting glycemic control in Japanese adolescents with type 2 diabetes mellitus. *Journal Nippon Medical School*, 71, 156-159.
- Olefsky, J. M., Kolterman, O. G., & Scarlett, J. A. (1982). Insulin action and resistance in obesity and non-insulin dependent type II diabetes mellitus. *American Journal of Physiology*, 243, E15-E30.
- Opasanun, P. (1999). *Effect of supportive-educative nursing system on health status and disease control among diabetes mellitus elderly patients*. Unpublished master's thesis of Nursing Science, Chiang Mai University, Chiang Mai.
- Panja, S., Starr, B., & Colleran, K. M. (2005). Patient knowledge improves glycemic control: is it time to go back to the classroom. *Journal of Investigative Medicine*, 53(5), 264-266.
- Polit, D. F., & Beck, C. T. (2004). *Nursing research: principle and methods* (7 ed.). Philadelphia: Lippincott Williams & Wilkins.

- Polit, D., & Hungler, B. P. (1999). *Nursing Research: Principles and Methods* (6th ed.). Philadelphia: J.B.Lippincott Company.
- Polonsky, W. H., Smith, J. E., Pease, D. J., Macmillan, M., Christensen, R., Taylor, T., et al. (2003). Integrating medical management with diabetes self-management training. *Diabetes Care*, 26(11), 3048-3053.
- Poomiwisate, A. (1994). *Result of Home Visit Towards Self Care of Diabetes Mellitus Patients*. Unpublished master's thesis of Nursing Science (Public Health), Chiang Mai University, Chiang Mai.
- Pornlertwadee, P. (2002). *Societal perspective on the cost of diabetes mellitus at Ampawa hospital, Samutsongkram province*. Unpublished master's thesis, Mahidol University, Bangkok.
- Praingam, S. (2002). *The effects of group process together with social support on self-care knowledge and behavior in non-insulin dependent diabetes mellitus patients in Bothong district, Chonburi*. Unpublished master's thesis, Bhurapa University, Chonburi.
- Prongpanom, U. (2002). *Effects of qigong on glycosylated hemoglobin level in diabetic patients*. Unpublished master's thesis, Chiang Mai University, Chiang Mai.
- Puangkwun, S. (2002). *The effects of supportive-participative education on diabetic knowledge, diabetic control behaviors, fasting blood sugar, and HbA1c in diabetic patient*. Unpublished master's thesis, Mahidol University, Bangkok.
- Puavilai, A. (1996). *Life quality and life experiences of Thai woman with Diabetes*. Unpublished doctoral dissertation, The University of Texas at Austin, Texas.
- Pumsang, P. (2000). *Modification of health-related life style and gluco-regulation of type 2 diabetes clients*. Unpublished master's thesis of Nursing Science (Community Health Nursing), Mahidol University, Bangkok.

Putsuk, P. (1999). *Financial expenditure of patients with diabetes mellitus*.

Unpublished master's thesis of Science (Epidemiology), Mahidol University, Bangkok.

Raz, I., Soskolne, V., & Stein, P. (1988). Influence of small-group education sessions on glucose homeostasis in NIDDM. *Diabetes Care*, *11*(1), 67-71

Reaven, G. M., Bernstein, R., Davis, B., & Olefsky, J. M. (1976). Nonketotic diabetes mellitus: Insulin deficiency or insulin resistance. *American Journal of Medicine*, *60*, 80-88.

Resnick, H. E. (2003). Health promotion practice of older adults: testing an individual approach. *Journal of Clinical Nursing*, *12*, 46-55.

Rettig, B. A., Shrauger, D. G., Recker, R. R., Gallagher, T. E., & Wiltse, H. (1986). A randomized study of the effects of a home diabetes education program. *Diabetes Care*, *9*, 173-178.

Rickheim, P. L., Weaver, T. W., Fladder, J. L., & Kendall, D. M. (2002). Assessment of group versus individual diabetes education. *Diabetes Care*, *25*(2), 269-274.

Ridgeway, N., Harvill, D., Harvill, L., Falin, T., Forester, G., & Gose, O. (1999). Improved control of type 2 diabetes mellitus: a practical education/behavior modification program in primary care clinic. *The Southern Medical Journal*, *92*, 667-672.

Rika, N., Kazuhiro, Y., Hiroaki, K., Yoko, H., Hiroyuki, S., & Tomifusa, K. (2006). Prospective Study on Influence of Psychosocial Factors on Glycemic Control in Japanese Patients with Type 2 Diabetes. *Psychosomatics*, *47*, 240-246.

Ronald, K., Barbara, E., & Klein, K. (1998). Relation of glycemic control to diabetic complications and health outcomes. *Diabetes Care*, *21*(3), 39-43.

- Rubin, R.R., Peyrot, M., & Saudek, C.D. (1993). The effect of a diabetes education program incorporating coping skills training on emotional well-being and diabetes self-efficacy. *The Diabetes Educator*, 19, 210-214.
- Ruggiero, L., Glasgow, R.E., Dryfoos, J.M., Rossi, J.S., Prochaska, J.O., Orleans, C.T., Prokhorov, A.V., Rossi, S.R., Greene, G.W., Reed, G.R., Kelly, K., Chobanian, L., & Johnson, S. (1997). Diabetes self-management: self-reported recommendations and pattern in large population. *Diabetes Care*, 20, 568-576.
- Rutten, G. (2005). Diabetes patient education: time for a new era. *Diabetic Medicine*, 22( 671–673).
- Ryan, Camu, & Tenzler. (2006). The impact of periodontitis on metabolic control and risk for diabetic complications. *Grand Rounds in Oral - Systemic Medicine*, 1(2), 29-30.
- Samana, J. (1998). *Planned instruction and home visit effects on decreasing of blood glucose level and complication control of diabetic patients Mae On Hospital Chiang Mai Province*. Unpublished master's thesis of Public Health, Chiang Mai University, Chiang Mai.
- Sanaun, U. (2000). *The effects of the supportive educative nursing system of self care on noninsulin dependent diabetes melitus patients, Phiboonmungsaharn Hospital, Ubonratchathanee province*. Unpublished master's thesis of Nursing Science (Public Health Nursing), Mahidol University, Bangkok.
- Sanpaung, S. (2000). *Perceives benefits, perceived barriers, and nutritional behaviors of the elderly with diabetes mellitus*. Unpublished master's thesis of Nursing Sciences, Mahidol University, Bangkok.
- Sarkadi, A., & Rosenqvist, U. (2004). Experience-based group education in type 2 diabetes: A randomized controlled trial. *Patient Education and Counseling*, 53, 291-298.

- Schreurs, K. M. G., Colland, V. T., Kuijter, R. G., Ridder, D. T. D., & Elderen, T. R. (2003). Development, content, and process evaluation of a short self-management intervention in patients with chronic diseases requiring self-care behaviors. *Patient Education and Counseling*, *51*, 133-141.
- Schwedes U, Siebolds M, Mertes G. (2002). Meal-related structured self-monitoring of blood glucose: Effect on diabetic control in non-insulin-treated type 2 diabetic patients. *Diabetes Care*, *25*, 1928-2002.
- Scott, R., Beaven, D., & Stafford, J. (1984). The effectiveness of diabetes education for non-insulin dependent diabetic person. *Diabetes Educator*, *10*, 36-39.
- Sone, H., Katagiri, A., Ishibashi, S., R.Abe, Saito, Y., Murase, T., et al. (2002). Effects of lifestyle Modifications on Patients with type 2 diabetes: The Japan Diabetes Complications Study (JDACS) study design, baseline analysis and three year-interim report. *Hormone and Metabolic Research*, *34*, 505-515.
- Sriprawong, S. (2000). *Effects of the utilization of the discharge-planning model*. Unpublished master's thesis, Burapha University, Chonburi.
- Sripanyawuthisak, Y. (2003). *Effects of self-help group in the elderly with diabetes*. Unpublished master's thesis, Burapha University, Chonburi.
- Stanley, M. A., & Maddux, J. E. (1986). Self-efficacy theory in contemporary psychology[Special issue]. *Journal of Social and Clinical Psychology*, *4*(3).
- Stratton, I.M., Adler, A.I., Neil, H.A., Matthews, D.R., Manley, S.E., Cull, C.A., Hadden, D., Turner, R.C., Holman, R.R. (2000): Association of glycaemia with macrovascular and microvascular complications of type 2 diabetes (UKPDS 35): prospective observational study. *British Medical Journal* *321*:405-412.
- Sturt, J., Whitlock, S., & Hearnshaw, W. (2005). Self-efficacy goal attainment (SEGA) diabetes consultations in primary care contribution to development by the MRC framework for RCTS in complex interventions. *Diabetes Medicine*, *22*(2), 104-115.

- Sturt, J., Whitlock, S., & Hearnshaw, H. (2006). Complex intervention development for diabetes self-management. *Journal of Advanced Nursing, 54*, 293-303.
- Sullivan, E. D., & Joseph, D. H. (1998). Struggling with behavior changes: a special case for clients with diabetes. *Diabetes Educator, 24*, 72-76.
- Surwit, R. S., Feinglos, M. N., Tilburg, M. A. L. v., Edwards, C. L., Zucker, N., Williams, P., et al. (2002). Stress management improves long-term glycemic control in type 2 diabetes. *Diabetes Care, 25*, 30-34.
- Suwannaruk, U. (1998). *Application of empowerment in self-care of the diabetic patients at Sathinpra hospital, Songkhla province*. Unpublished Master thesis of Nursing Science (Public Health Nursing), Mahidol University, Bangkok.
- Tantayotai, V. (1997). *Development of self-care agency model in insulin-dependent diabetic patient*. Unpublished doctoral dissertation, Mahidol University, Bangkok.
- Taylor, C. B., Cunning, D., Miller, N. H., Deeter, A., Reilly, K. R., Abascal, L., et al. (2003). Evaluation of a nurse-care management system to improve outcomes in patients with complicated diabetes. *Diabetes Care, 26*(4), 1058-1063.
- The Endocrine Society of Thailand. (2003). *Textbook of Diabetes Mellitus*. Bangkok: Ruean Kaew Publishing.
- The National Chronic Care Consortium. (1999). *Self-efficacy/self-health care among older adults: A literature review*. Retrieved May, /2006, from <http://www.nccconline.org/products/M28099.pdf>.
- The National Cholesterol Education Program. (2001). Executive summary of the third report of the National Cholesterol Education Program (NCEP) Expert Panel on Detection, Evaluation and Treatment of High Blood Cholesterol in Adults (Adult Treatment Panel III). *Journal of American Medical Association, 285*, 2486-2497.

- The United Kingdom Prospective Diabetes Study (UKPDS) Group (1998). Tight blood pressure control and risk of macrovascular and microvascular complication in type 2 diabetes: UKPDS 38. *British Medical Journal*, 317, 703-713.
- The United Kingdom Prospective Diabetes Study (UKPDS) Group. (1998). Intensive blood-glucose control with sulphonylureas or insulin compared with conventional treatment and risk of complications in patients with type 2 diabetes (UKPDS 33). *Lancet*, 352, 837-853.
- The United Kingdom Prospective Diabetes Study (UKPDS) Group. (1998). Effective of intensive blood-glucose control with metformin on complications in overweight patients with type 2 diabetes (UKPD 34). *Lancet*, 352, 854-865.
- The United Kingdom Prospective Diabetes Study (UKPDS) Group. (1998). Tight blood pressure control and risk of macrovascular and microvascular complications in type 2 diabetes: UKPDS 38. *British Medical Journal*, 317, 703-713.
- The United Kingdom Prospective Diabetes Study(UKPDS) Group. (2000). Retrieved May 3,2004,[http://www.findarticles.com/cf\\_dls/m0CUH/1\\_23/59175324/p2/article.jhtml?](http://www.findarticles.com/cf_dls/m0CUH/1_23/59175324/p2/article.jhtml?)
- Tobin, D. L., Reynolds, R. V. C., Holroyd, K. A., & Creer, T. L. (1986). Self-management and social learning theory. In K. A. Holroyd & T. L. Creer (Eds.), *Self-management of chronic disease: Handbook of clinical intervention and research* (pp. 29-55). Florida: Academic press.
- Toobert, D. J., Radcliffe, J. L., Strycker, R. A., Wander, R. C., Strycker, L. A., Bagdade, J. D., et al. (2003). Biological and quality of life outcomes from the Mediterranean lifestyle program. *Diabetes Care*, 26(8), 2288-2293.
- Tudor-Locke, C., Bell, R., Myers, A., Harris, S., Ecclestone, N., Lauzon, N., et al. (2004). Controlled outcome evaluation of the first step program: a daily physical activity intervention for individuals with type 2 diabetes. *International Journal of Obesity*, 28, 113-119.



- Turner, R., Holman, R., Stratton, I., Cull, C., Frighi, V., Manley, S., et al. (1998). Tight blood pressure control and risk of macrovascular and microvascular complications in type 2 diabetes: UKPDS 38. *British Medical Journal*, 317, 703-713.
- Unger, J. (2003). Targeting glycemic control in the primary care. *The Female Patient*, 28, 12-16.
- Uddin, I., Ahmad, T. J., Rahman, A. R., & Iftikhar, R. (2001). Diabetes Education: Its effects on glycemic control. *Annals of Saudi Medicine*, 20(1), 1-2.
- Varround-Vial, M., Simon, D., Attalit, J., Durand-Zaleski, I., Beras, L., Attali, C., et al. (2004). Improving glycaemic control of patients with type 2 diabetes in a primary care setting: a French application of the Staged Diabetes Management programme. *Diabetic Medicine*, 21, 592-598.
- Vinik, A. I., & Jenkins, D. J. A. (1998). Dietary fiber in management of diabetes. *Diabetes Care*, 11, 160-173.
- Viwatwongkasem, C. (1994). Sample size determination for research. *Thai Journal of Health Research*, 8(2), 121-146.
- Von Korff, M., Gruman, J., Schaefer, J., Curry, S. J., & Wagner, E. H. (1997). Collaborative management of chronic illness. *Annals of Internal Medicine*, 127(12), 1097-1102.
- Waeladee, T. (2001). *An application of self-efficacy theory and social support to behavioral modification among type 2 diabetes mellitus patients in Samko hospital, Angthong province*. Unpublished master's thesis, Mahidol University, Bangkok.
- Wallberg-Henriksson, H. (1992). Exercise and diabetes. *Exercise Sports Science Review*, 20, 3939-3968.

- Ware, J. E. (2004). *SF-36 health survey update*. Retrieved 20 June, 2004, from [www.sf-36.org/announcement/SF-36\\_Pre\\_Publication\\_Version.pdf](http://www.sf-36.org/announcement/SF-36_Pre_Publication_Version.pdf)
- Ware, J. E., & Sherbourne, C. D. (1992). The MOS 36-item short form health survey (SF-36). *Medical Care*, 30, 473--483.
- Wattana, C. (2003). *Diabetes self-management : A concept analysis for patients with Diabetes Mellitus* (Unpublished), Chiang Mai University, Chiang Mai..
- Wattana, C. (2004). *An integrative review of diabetes self-management program on glycemic control, cardiovascular risk factors, and quality of life of people with type 2 diabetes* (Unpublished), Chiang Mai University, Chiang Mai..
- Wattana, C., & Pothiban, L. (2003). *Self-management in blood glucose controlling of poor controlled type 2 diabetic patients* (Unpublished), Chiang Mai University, Chiang Mai..
- White, J. R. J., & Campbell, R. K. (1996). Pharmacologic therapies in the management of diabetes mellitus: Oral hypoglycemic agents. In D. Haire-Joshu, *Management of diabetes mellitus* (2nd ed., pp. 225- 233). St. Louis: Mosby.
- Whitlock, W. L., Brown, A., Moore, K. et al. (2000). Telemedicine improved diabetic management. *Military Medicine*, 165, 579-584.
- Wild, S., Roglic, G., Green, A., Sicree, R., & King, H. (2004). Global prevalence of diabetes: Estimates for the year 2000 and projections for 2030. *Diabetes Care*, 27(5), 1047-1053.
- Williams, G. C., McGregor, H. A., & Zeldman, A. (2004). Testing a self-determination theory process model for promoting glycemic control through diabetes self-management. *Health Psychology*, 23(1), 58-66.
- Wilson, R., & Hoy, W. (1993). Short-term effects of participation in a community based experience program: a study in the pueblo of Zuni. *INH Primary Care Provider*, 18, 126-131.

- Wilson, P. W., D' Agostino, R. B., & Levy, D. (1998). Prediction of coronary heart disease using risk factor categories. *Circulation*, *97*, 1837-1847.
- Wolf, A. M., Conaway, M. R., Q.Crowther, J., Y. Hazen, K., Nadler, J. L., Oneida, B., et al. (2004). Translating lifestyle intervention to practice in obese patients with type 2 diabetes: Improving Control with Activity and Nutrition (ICAN) study. *Diabetes Care*, *27*(7), 1570-1576.
- World Health Organization Life Group. (1998). Development of the World Health Organization. WHO QOL-BREF Quality of Life assessment. *Psychological Medicine*, *28*, 551-558.
- World Health Organization (2003). *Screening for type 2 diabetes: Report of a World Health Organization and International Diabetes Federation meeting*. Retrieved 1 September, 2004, from [http://www.who.int/diabetes/publications/en/screening\\_mnc03.pdf](http://www.who.int/diabetes/publications/en/screening_mnc03.pdf)
- Yodprasit, P. (1998). *Health Behaviors Modification Program for Self-caring of Non-insulin Dependent Diabetes Mellitus Patients*. Unpublished master's thesis of Education (Health Promotion), Chiang Mai University, Chiang Mai.
- Yung, C. Y., Tse, S. L. S., Chan, K. S. Y., Chow, C. K. C., Yau, C. W. S., Chan, T. Y. K., et al. (1998). Age-related decline in the knowledge of diabetes mellitus and hypoglycaemic symptoms in non-insulin-dependent diabetic patients in Hong Kong. *Age and Ageing*, *27*, 327-332.
- Zhan, L. (1992). Quality of life: Conceptual and measurement instruments. *Journal of Advanced Nursing*, *17*, 795-800.
- Zimmet, P., Cowie, C., Ekoe, J.-M., & Shaw, J. E. (2004). Classification of diabetes mellitus and other categories of glucose intolerance. In R. A. DeFronzo, E. Ferrannini, H. Keen & P. Zimmet (Eds.), *International textbook of diabetes mellitus*. West Sussex: John Wiley & Sons.