REFERENCES

- Abruzzese, R. S. (1996). *Nursing staff development: Strategies for success* (2nd ed.).

 St. Louis: Mosby-Year Book.
- Alberta Association of Registered Nurses, (2000). Entry-to-practice competencies.

 *Retrieved October 19, 2004, from http://www.nurses.ab.ca/pdf/entry-to-

 *Practice_Competencies.pdf.
- American Association of Occupational Health Nurses AAOHN, (2003).

 Competencies in occupational and environmental health nursing. *AAOHN Journal*, 51(7), 290-302.
- American Family Physicians AFP, (2005). America's Family Physicians urge retail health clinics to put patients' health first. *Retrieved December*, 19, 2007, from http://www.aafp.org/online/en/home/policy/policies/r/retailhealthclinics.html.
- American Family Medicine AFM, (2007). Family medicine core competencies.

 *Retrieved December, 19, 2007, from http://www.academicmedicine.org/

 pt/re/acmed/ pdf
- Arbuckle, J. L. (1997). *AMOS users' guide version 3.6*. Chicago: Smallwater corporation.
- Barczak, N., & Spunt, D. (1999). Competency-based education: Maximize the performance of your unlicensed assistive personnel. *The Journal of Continuing Education in Nursing*, 30(6), 254-259).
- Benner, P. (1982). Issues in competency-based testing. *Nursing Outlook*, 30(5), 303-309.
- Benner, P. (1984). From novice to expert: Excellence and power in clinical nursing practice. Menlo Park: Addison-Wesley Publishing Company.

- Biddle, B. J., & Thomas, E. J. (1966). *Role theory: Concepts and research*. New York: John Wiley & Sons, Inc.
- Boontong, T. (2000). Nursing service system reform: Related to futural Thai health care reform (3rd ed.). Bangkok: Siriyordkanpim.
- Boontong, T. (2001). Thailand Nursing Council's major competencies of general nurses and midwifes: The document of the national nursing education seminar3rd: The curricular of nursing educational management to response health care reform. Bangkok: Saksopar Printer.
- Buddharo, P. (2002). Competency in operational planning of health personnel in Krabi province. Unpublished Master Science (Public Health Administration), Mahidol University, Bangkok.
- Bunsaenpaen, P. (1996). Administrative competency of district health officers in the Northeastern region. Unpublished Master Arts (Social Development), National Institute of Development Administration, Bangkok.
- Bureau of Nursing, MOPH. (2000). *Nurses role in PCU*. Copy Documentation.

 Nonthaburi: The Ministry of Public Health.
- Bureau of Nursing, MOPH. (2003). *Nursing care service in Primary Care Unit:*Guideline to practice. Nonthaburi: The Ministry of Public Health.
- Burns, N., & Grove, S. K. (2001). *The practice of nursing research: Conduct, critique, & utilization* (4th ed.). Philadelphia: W. B. Saunders Company.
- Carnwell, R., & Daly, W. M. (2003). Advanced nursing practitioners in primary care settings: An exploration of the developing roles. *Journal of Clinical Nursing*, 12, 630-642.

- Chambers, M. A. (1998). Some issues in the assessment of clinical practice: A review of the literature. *Journal of Clinical Nursing*, 7, 201-208.
- Cheaplamp, S. (1995). A study of human competencies of nursing students: A case study of Prapokklao Nursing College. Unpublished Master of Nursing Science (Nursing Administration), Chulalongkorn University, Bangkok.
- Chaowalit, A. (1997). Development and psychometric evaluation of the Ethical Issues Scale (EIS) for HIV/AIDs patients in Thailand. Unpublished Doctoral dissertation, Boston College the Graduate School of Nursing, Boston.
- Chen, S.-P. C., Ervin, N. E., Kim, Y., & Vonderheid, S. C. (1999). Competency in community-oriented health care intrument development. *Evaluation & the Health Professions*, 22(3), 358-370.
- Chumchuay, N. (1998). Administrative competencies and motivations affecting the social medicine department chief performances in regional general hospitals.

 Unpublished Master of Science (Health Administration), Mahidol University, Bangkok.
- Chutinantakul, S. (2004). Components of manpower planning by key nurses responsible for allocating professional nurses to primary care unit of community hospital. Unpublished Master of Science (Health System Research and Development), Prince of Songkla University, Songkhla.
- Clinical Training Agency, (2003). Competency of training specification for primary healthcare nursing. *Retrieved December 19, 2004, from http://www.nursenc.org/bioterois.*

- Coates, V. E., & Chambers, M. (1992). Evaluation of tools to assess clinical competence. *Nurse Education Today*, *12*, 122-129.
- Cole, D. A. (1987). Methodological contributions to clinical research. *Journal of Consulting and Clinical Psychology*, 55(4), 584-594.
- College of Registered Nurses of Manitoba-CRNM, (2003). Competencies for the registered nurse (extended practice). *Retrieved October 19*, 2004, *from http://www.nursepractictitioner.ca/EP_comp.pdf*
- College of Registered Nurses of Nova Scotia, (2002). Nurse practitioner competencies. Retrieved November 9, 2004, from

 http://www.crnns.ca/documents/nurse practioner competencies.pdf
- Connelly, L. M., Yoder, L. H., & Miner-Williams, D. (2003). A qualitative study of charge nurse competency. *Medsurg Nursing*, *12*(5), 298-306.
- Cramer, M. E., Atwood, J. R., & Stoner, J. A. (2006). Measuring community coalition effectiveness using the ICE instrument. *Public Health Nursing*, *23*(1), 74-87.
- Crisp, J., Pelletier, D., Duffield, N. S., & Adams, A. (1999). It's all in a name. When is a "Delphi study" not a Delphi study? *Australian Journal of Advanced Nursing*, 16, 32-37.
- Crowne, D. P., & Marlowe, D. (1960). A new scale of social desirability independent of psychopathology. *Journal of Consulting Psychology*, 24, 349-354.
- Davis, L. L. (1992). Instrument review: Getting most from apanel of experts. *Applied Nursing Research*, *5*(4), 195-197.

- Davies, N., & Gould, D. (2000). Updating cardiopulmonary resuscitation skills: A study to examine the efficacy of self-instruction on nurses' competence.

 *Journal of Clinical Nursing, 9, 400-410.
- Decker, P. J., Strader, M. K., & Wise, R. J. (1997). Beyond JCAHO: Using competency models to improve healthcare organizations: Part 1. *Retrieved November 23*, 2004, from http://gateway.ut.ovid.com/gw1/ovidweb.cgi
- DelBueno, D. J. (1990). Experience, education, and nurses' ability to make clinical judgments. *Nursing & Health Care*, 11(6), 290-294.
- DelBueno, D. L. (1997). Assuring continued competence: State of the science (background paper at Nursing Futures and Regulation Conference). *Retrieved June 10, 2004, from, http://www.nursingworld.org/ojin/tpc3/tpc3_3.htm*
- DeVellis, R. F. (1991). *Scale development: Theory and applications*. Newbury Park: Sage Publications.
- Diamantopoulos, A., & Siguaw, J. A. (2000). *Introducing LISREL: A guide for the uninitiated*. London: SAGE Publications.
- DiGiacomo, M., & Adamson, B. (2001). Coping with stress in the workplace: Implications for new health professionals. *Journal of Allied Health*, 30(2), 106-111.
- Doungkwan, V. (2004). *Nurses' roles in primary prevention of drug abuse in community, Phattalung province*. Unpublished Master of Science (Health System Research and Development), Prince of Songkla University, Songkhla.
- Dreyfus, H., & Dreyfus, S. E. (1985). Mind our machine. New York: FreePress.

- Ekelman, B., Bello-Haas, V. D., Bazyk, J., & Bazyk, S. (2003). Developing cultural competency in occupational therapy and physical theraphy education: A field immersion approach. *Journal of Allied Health*, *32*, 131-137.
- Ellis, J. R., & Hartley, C. L. (2001). *Nursing in today's world: Challenge, issues and trends* (7th ed.). Philadelphia: Lippincott.
- Evens, R., Elwyn, G., & Edwards, A. (2004). Rewiew of instruments for peer assessment of physicians. *British Medical Journal*, 328, 1-5.
- Family Nurses Practitioner Association, (2004). Family nurse practitioner competencies. *Retrieved October 19*, 2004, from http://www.mcg.edu/son/fnp/FNP competencies.pdf
- Fitzpatrick, J. M., While, A. E., & Roberts, J. D. (1994). The measurement of nurse performance and its differentiation by course of preparation. *Journal of Advanced Nursing*, 20, 761-768.
- Fitzpatrick, J. M., While, A. E., & Roberts, J. D. (1997). Measuring clinical nurse performance: Development of the King's Nurse Performance Scale.

 International Journal Nursing Studied, 34(4), 222-230.
- Flanagan, J., Baldwin, S., & Clarke, D. (2000). Work-based learning as a means of developing and assessing nursing competence. *Journal of Clinical Nursing*, 9, 360-368.
- Gau, M.-L., & Lee, T.-Y. (2003). Construct validity of the prenatal attachment inventory: A confirmatory factor analysis approach. *Journal of Nursing Research*, 11(3), 177-186.

- Geiger, D. L., Heermann, J. A., & Eilers, J. (2005). Identification and validation of competencies for use in objective structured clinical examinations for lay caregivers. *Cancer Nursing*, 28(1), 54-61.
- Gibson, J. (1998). Using the Delphi technique to identify the content and context of nurses' continuing professional developmental needs. *Journal of Clinical Nursing*, 7, 451-459.
- Gibson, F., Fletcher, M., & Casey, A. (2003). Classifying general and specialist children's nursing competencies. *Journal of Advanced Nursing*, 44 (6), 591-602.
- Girot, E. A. (1993). Assessment of competence in clinical practice: A phenomenological approach. *Journal of Advanced Nursing*, *18*, 114-119.
- Goodman, C. M. (1987). The Delphi technique: A critique. *Journal of Advanced Nursing*, 12, 729-734.
- Goodwin, L. D. (1997). Changing conceptions of measurement validity. *Journal of Nursing Education*, 7(6), 594-605.
- Hair J. F., Anderson, R.E. Tatham, R.L., & Black, W.C. (1998). *Multivariate data* analysis with readings (5th ed.). New Jersey: Prentice Hall.
- Hanucharurnkul, S. (2003). Concept of advanced nursing practice (APN) in the healthcare system under universal healthcare coverage policy. Chaing Mai: Faculty of Science, Chiang Mai University.
- Hasson, F., Keeney, S., & McKenna, H. (2000). Research guidelines for the Delphi survey technique. *Journal of Advanced Nursing*, 32(4), 1008-1015.
- Hasuwanakij, S. (2002). To visit community hospital: Ranote Hospital, Songhkla. *Journal of Community Hospital*, 4(2), 25-28.

- Hattakit U, Inthanon T, Tonthreebon U, Boonyasophan U, Chinawong T, Narin R, et al. (2001). *Model development of service and management in PCU:*Case study in the southern. Songkhla: Prince of Songkla University.
- Health Service Network Development Institute. (2003). *Quality of PCU Activities Guideline*. Nonthaburi: The Ministry of Public Health.
- Homteep, R. (2006). *The mangers' competency in primary care units, Songkla province*. Unpublished Master of Science (Health System Research and Development), Prince of Songkla University, Songkhla.
- Hornby, A. S. (2000). *Oxford advanced learner's dictionary* (5th ed.). New York: Oxford University Press.
- Jacobson, S. F. (1997). Evaluating instruments for use in clinical nursing research. InM. Frank-Stromberg & S. J. Olson (Eds.). *Instruments for clinical health care*research (pp 3-19). London: Jone & Bartlett.
- Jamjuree, D. (2005). That nurses competency. Retrieved November 27, 2005, from http://www.moph.go.th/Bureau of nursing/Nurse competency .pdf
- Jones, E. G., & Kay, M. (1992). Instrumentation in cross-cultural research. *Nursing Research*, 41, 186-188.
- Jutsum, V. (1999). Competency-based education. In J. Mcguffin (Ed.), *The nurse's guide to successful management: A desk reference*. St. Louis: Mosby.
- Kaiser, K. L., & Rudolph, E. J. (1996). In search of meaning: Identifying competencies relevant to evaluation of the community health nurse generalist. *Journal of Nursing Education*, 35(4), 157-161.

- Kak, N., Burkhalter, B., & Cooper, M.-A. (2001). Measuring the competence of healthcare providers. *Quality Assurance Project*, 2(1), 1-28.
- Kelly-Thomas, K. J. (1998). Cilnical and nursing staff development: Current competence, future focus (2nd ed.). Philadelphia: Lippincott.
- Klaiklung, S. (1992). *Midwife student (technical level) toward competency-based learning on pre-practicum period*. Unpublished Master Science (Public Health Nursing), Mahidol University, Bangkok.
- Kline, R. B. (1998). *Principle and practice of Structural Equation Modeling*. New York: The Guilford Press.
- Knapp, T. R. (1991). Focus on psychometrics coefficient alpha: Conceptualizations and anomalies. *Research in Nursing & Health*, *14*, 457-460.
- Knapp, T. R., & Brown, J. K. (1995). Focus on psychometrics ten measurement commandments that often should be broken. *Research in Nursing & Health*, 18, 465-469.
- Knibb, R. (2004). Personality theory and testing assessment and psychometric. Retrieved April 15, 2005 from, http://www.ibs.derby.ac.uk/~Rebacca/PTT/-55k
- Konggumnerd, R. (2003). Primary care service system in the context of professional nursing at the Primary Care Unit (PCU) of a southern community hospital. *Ramathibode Nursing Journal*, 9(1), 15-29.
- Kongjun, S. (2000). Evaluation of personnel's data management in primary care in Songkla province. Unpublished Master of Science (Health System Research and Development), Prince of Songkla University, Songkhla.

- Keuhn, A. F. (2004). The kaleidoscope of collaborative practice. In L.A. Joel (Ed.), Advanced practice nursing essentials for role development (pp 301-335). Philadelphia: F. A. Davis Company.
- Lapying, P., & Srithamrongsawat, S. (2003). The first-year implementation of primary care unit of the universal health care coverage project: A case study in four provinces. *Journal of Health Science*, 12(6), 923-936.
- Lieb, S. (1991). Principles of adult learning. Retrieved November 14, 2004, from http://www.honoulu.hawaii.edu/intranet/committees/FacDevCom/guidebk/teac http://dults-2.htm
- Like, R. C. (2005). Culturally competent family medicine: Transforming clinical practice and ourselves. *Retrieved December 09*, 2007, *from hhp://www.aafp.org/afp/20051201/editionals.html*.
- Lockyer, J. (2003). Multisource feedback in the assessment of physician competencies. *The Journal of Continuing Education in the Health Professions*, 23, 4-12.
- Lundgren, B. S., & Houseman, C. A. (2002). Continuing competence in selected health care professions. *Journal of Allied Health*, *31*(4), 232-240.
- Lynn, M. R. (1985). Reliability estimates: use and disuse. *Nursing Research*, *34*(4), 254-256.
- Lynn, M. R. (1986). Determination and quantification of content validity. *Nursing Research*, 35 (6), 382-385.
- Mackey, T. A., & McNiel, N. O. (2002). Quality indicators for academic nursing primary care centers. *Nursing Economics*, 20 (2), 62-73.

- Manafield, B., & Mitchell, L. (1996). *Towards a Competent workforce*. Gower: Aldershot & Hunts.
- McGee, P., & Castledine, G. (2003). *Advanced nursing practice second edition* (2nd ed.). Oxford: Blackwell Publishing Ltd.
- McKenna, H. P. (1994). The Delphi technique: A worthwhile research approach for nursing? *Journal of Advanced Nursing*, *19*, 1221-1225.
- McMullan, M., Endacott, R., Gray, M. A., Jasper, M., Miller, C. M. L., Scholes, J., et al. (2003). Portfolios and assessment of competence: A review of literature. *Journal of Advanced Nursing*, 41(3), 283-294.
- Meretoja, R., & Leino-Kilpi, H. (2001). Instruments for evaluating nurse competence. *Journal of Nursing Administration*, 31(7/8), 346-352.
- Meretoja, R., Erikson, E., & Leino-Kilpi, H. (2002). Indicators for competent nursing practice. *Journal of Nursing Management*, 10, 95-102.
- Meretoja, R., Isoaho, H., & Leio-Kilpi, H. (2004). Methodological issue in nursing research nurse competence scale: Development and psychometric testing. *Journal of Advanced Nursing*, 47 (2), 124-133.
- Merriam, S. B. (2001). Andragogy and self-directed learning: Pillars of adult learning theory. *New Directions for Adult and Continuing Education*, 89, 3-13.
- Michigan State University Extension, (1994). Delphi technique. *Retrieved May 2*, 2005, from http://web.msue.msu.edu/msue/imp/modii/iii00006.html
- Ming, L. (2005). Development of competency inventory for registered nurses in the People's Republic of China. Unpublished Dissertation (Doctor of Philosophy in Nursing), ChiangMai University, ChiangMai.

- Moorsel, G. V. (2004). Library-sponsored instruction improves core informatics competencies among Allied Health Stents: A research-based case study. *Journal of Allied Health*, 34(3), 145-152.
- Mundinger, M. O., Kane, R. L., Lenz, E. R., Totten, A. M., & et. al. (2000). Primary care outcomes in patients treated by nurse practitioners or physicians: A randomized trial. *JAMA*, 283(1), 59-68.
- Munro, B. H. (2001). *Statistical methods for health care research* (4th ed.). Philadelphia: Lippincott.
- Nagelsmith, L. (1995). Competence: An evolving concept. *The Journal of Continuing Education in Nursing*, 26(6), 245-284.
- Nieswiadomy, R. M. (1998). *Foundation of nursing research* (3rd ed.). Stamford: Appleton & Lange.
- Nunnally, J. C., & Bernstein, I. H. (1994). *Psychometric theory* (3rd ed.). New York: McGraw-Hill.
- Nuntaboot K, Leelakraiwan C, Sangchart B, Shokebumroong K, Buajaroen H, Charoenchai A, et al. (2001). *Model development of service and management in PCU: Case study in the northestern*. Khon Kaen: Khon Kaen University.
- Nursing Council of New Zealand, (2004). Draft continuing practice competencies for the nurse: Consultation document. *Retrieved March 5*, 2005, from http://www.nzno.org.nz/site_Default/SITE_Current_Issues?x-fites/5988.pdf
- Oulton, J. (2000). Nurses, physicians and pharmacists create a global alliance.

 International Council of Nurses, *International Nursing Review*, 47, 130-136.

- Ouzts, K. N., Brown, J. W., & Diaz Swearingen, C. A. (2006). Developing public health competency among RN-to-BSN students in a rural community. *Public Health Nursing*, *23*(2), 178-182.
- Pedhazur, E. J. (1991). *Measurement, design, and analysis: An integrated approach*.

 Hillsdale: Lawrence erlbaum associated, Publishers.
- Pengpara, O., Jongjirasiri, N., & Hongsampai, P. (2003). The assessment of the universal health care coverage project in Pattani Province. *12th Region Medical Journal*, *14*(1), 25-38.
- Petpichetchian, W. (2001). The cancer pain experience in Thai patients: Meanings of cancer pain, control over pain, pain coping, and pain outcomes. Unpublished Dissertation (Doctor of Philosophy in Nursing), Wayne State University, Detroit, Michigan.
- Pidchayanon, C. (1999). Development of competency assessment scale among nurse directors in community hospitals under the jurisdiction of the Ministry of Public Health. Unpublished Master of Science (Health Administration), Mahidol University, Bangkok.
- Polit, D. F., & Hungler, B. P. (1995). *Nursing research: Principles and methods* (5th ed.). Philadelphia: J. B. Lippincott.
- Phongpipattanapan, P. (2002). Experiences in the role of nurses in providing primary care service at community hospitals. Unpublished Master of Science (Health System Research and Development), Prince of Songkla University, Songkhla.

- Pramono, J. S. (1999). Roles of health center personnel in primary health care activities of Suphanburi province. Unpublished Master Science (Primary Health Care Management), Mahidol University, Bangkok.
- Phusing, W. (2002). Competency in operational planning of health center head in Ubonratchathanee province. Unpublished Master Science (Public Health Administration), Mahidol University, Bangkok.
- Quad Council of Public Health Nursing Organizations, (2004). Public health nursing competencies. *Public Health Nursing*, 21(5), 443-452.
- Ramos, K. D., Schafer, S., & Tracz, S. M. (2003). Validation of the Fresno test of competency in evidence based medicine. *British Medical Journal*, *326*, 319-321.
- Ramsey, P. G., & Wenrich, M. D. (1999). Use of Professional Associate Ratings to assess the performance of practicing physicians: Past, present, future. *Advances in Health Sciences Education*, 4, 27-38.
- Registered Nurses Association of British Columbia-RNABC, (2003). Competencies required for nurse practitioners in British Columbia. *Retrieved October 19*, 2004, from http://www.rnabc.bc.ca/pdf/416.pdf
- Reynolds, W. M. (1982). Development of reliable and valid short forms of the Marlowe-Crowne social desirability scale. *Journal of Clinical Psychology*, 38,119-125.
- Robb, Y., Fleming, V., & Dietert, C. (2002). Measurement of clinical performance of nurses: A literature review. *Nurse Education Today*, 22, 293-300.
- Royal College of General Practitioners. (2007). Patient safety. *Retrieved December*, 19, 2007, from http://www.rcgp-curriculum.org.uk/PDF

- Sankaew, P. (2005). Nursing practice based on professional nurses' roles in primart care units, Phattalung province. Unpublished Master of Nursing Science (Family and Community Nursing), Prince of Songkla University, Songkhla.
- Sansuk, P. (1996). Desirable competencies of professional nurse regarding public relations, regional and medical centers and general hospitals, under the jurisdiction of the Ministry of Public Health. Unpublished Master of Nursing Science (Nursing Administration), Chulalongkorn University, Bangkok.
- Santong, N. (2004). Knowing competency. Bangkok: HR Center.
- Saskatchewan Registered Nurses' Association-SRNA. (2003). Registered nurse (nurse practitioner) standards and core competency. *Retrieved October 19*, 2004, from http://www.srna.org/nurse_practitioner/documents/nurse competencies. pdf
- Sherry, L. (1997). Item analysis. *Retrieved December 5, 2005, from http://www.cudenver.edu/~Isherry/item_analysis.html*.
- Showstack, J., Rothman, A. A., & Hassmiller, S. (2003). Primary care at a crossroads. *Annals of Internal Medicine*, 138(3), 242-244.
- Smith-Campbell, B. (2005). Health professional students' cultural competency and attitudes toward the poor. *Journal of Allied Health*, *34*(1), 56-62.
- Snyder, M. D. (1997). Clinical ladders: Do they reflect levels of competence? *The Journal of Continuing Education in Nursing*, 28 (2), 54-58.
- Srisuphan, W. (2004). PCU nursing and midwifery standards. Copy Documentation.

- Srisuphan, W., Boontong, T., Senaratana, W., Hanucharurnkul, S., Suwannachat, P., & Kunaviktikul, W. (1999). Development of the First National Nursing and Midwifery Development Plan in Thailand. *Thai Journal of Nursing Research*, 3(2), 123-130.
- Srivanitchakorn, S. (1998). *Concept of primary care*. Copy Documentation, Health care reform institution. The Ministry of Public Health.
- Sox, H. C. (2000). Independent primary care practice by nurse practitioners. *JAMA*, 283(1), 106-108.
- Staggers, N., Gassert, C. A., & Curran, C. (2002). A Delphi study to determine informatics competencies for nurses at four levels of practice. *Nursing Research*, 51(6), 383-390.
- Starfield, B. (1992). *Primary care: Concept, evaluation, and policy*. New York: Oxford University Press.
- Stevens, J. (1996). *Applied multivariate statistics for the social sciences* (3rd ed.). New Jersey: Prentice Hall.
- Stevens, J. (2002). Applied multivariate statistics for the social sciences (4th ed.).

 Mahwah, NJ: Lawrence Erlbaum Associates.
- Strasser, P. B. (2005). Competency-based occupational health nurse orientation. *AAOHN Journal*, *53*(8), 338-339.
- Sungsuwan, J. (1995). A study of professional nurses competencies in health centers under the jurisdiction of the Ministery of Public Health. Unpublished Master of Nursing Science (Nursing Administration), Chulalongkorn University, Bangkok.

- Swisher, L. L., Beckstead, J. W., & Bebeau, M. J. (2004). Factor analysis as a tool for survey analysis using a Professional Role Orientation Inventory as an example. *Physical Therapy*, 84(9), 784-799.
- Tabachnick, B. G., & Fidell, L. S. (2001). *Using multivariate statistics* (4 ed.). Boston: Allyn and Bacon.
- Thailand Nursing Council, (1999). Nursing system in PCU. Copy Documentation.
- The American Association of Colleges of Nursing- AACN. (2002). Nurse practitioner primary care competencies in specialty areas: Adult, family, gerontological, pediatric, and woman's health. *Retrieved October 19*, 2004, from http://www.nurse.org/acnp/clinprac/np.comp.spec.areas.pdf
- The American Association of Colleges of Nursing-AACN. (2004). Nurse practitioner and clinicialist competencies for older adult care. *Retrieved October 19*, 2004, from http://www.aacn.nche.edw/Education/pdf/APN competencies. pdf
- The Community Practitioners' and Health Visitors' Association –CPHVA. (2003).

 NMC consultation on the proposed competency framework for specialist community public health nurses. *Retrieved October 19*, 2004, from

 http://www.cphva.org/nurse_practitioner_consultation. pdf
- The Working Group on Implementation of Universal Health Coverage under the State Policy, (2001). Proposals on universal health coverage in a transitional period under the state policy. *Journal of Health Science*, 10(2), 194-202.
- The Ministry of Public Health. (2001). *The health insurance established guideline* (2nd ed.). Nontaburi: Health care reform office.

- Thongruksri, T. (2001). Relationship between personal factors job characteristics empowerment and job performance of professional nurses, community hospitals, Northest region. Unpublished Master Nursing Science (Nursing Administration), Chulalongkorn University, Bangkok.
- Thongton, M. (1999). Competency on job performance assessment of sub-district health personnel Saraburi province. Unpublished Master Science (Health Administration), Mahidol University, Bangkok.
- Tiansawad, S., Yimyam, S., Senarattana, W., & Suchaxaya, P. (2002). The concept of primary care. *Nursing Journal*, 29(1), 1-17.
- Valderrama, A. L. (2004). Wolff-Parkinson-White Syndrome: Essentials for the primary care nurse practitioner. *Journal of the American Academy of Nurse Practitioners*, 16(9), 378-383.
- Vanichanon, P. (1990). The relationships between job satisfaction and work competency of the chiefs of health centers in Songkhla province. Unpublished Master Science (Environmental Health), Mahidol University, Bangkok.
- Velde, B. P., Wittman, P. P., & Bamberg, W. R. (2003). Cultural competence of faculty and students in a school of Allied Health. *Journal of Allied Health*, 32, 189-195.
- Violato, C., Marini, A., Toews, J., Lockyer, J., & Fidler, H. (1997). Using peers, consulting physicians, patients, co-workers and self to assess physicians. *Acad Med*, 70, 57-63.
- Waddell, D. L. (2001). Measurement issues in promoting continued competence. *The Journal of Continuing Education in Nursing*, 32(3), 102-106.

- Waltz, C. F., Strickland, O. L., & Lenz, E. R. (1991). *Measurement in nursing research* (2nd ed.). Philadelphia: F. A. Davis Company.
- Waltz, C. F., Strickland, O. L., & Lenz, E. R. (2005). *Measurement in nursing and health research* (3rd ed.). Philadelphia: Springer Publishing Company.
- Washburn, R. A., Health, G. W., & Jackson, A. W. (2000). Reliability and validity issues concerning large-scale survellance of physical activity. *Research Quarterly for Exercise and Sport*, 71(2), 104-113.
- Watson, R., Calman, L., Norman, I., Redfern, S., & Murrells, T. (2002). Assessing clinical competence in student nurses. *Journal of Clinical Nursing*, 11, 554-555.
- Watson, R., Stimpson, A., Topping, A., & Porock, D. (2002). Clinical competence assessment in nursing: A systematic review of the literature. *Journal of Advanced Nursing*, 39(5), 421-431).
- While, A. E. (1994). Competence versus performance: Which is more important? Journal of Advanced Nursing, 20, 525-531.
- Wilkin, D., Hallam, L., & Doggett, M.-A. (1992). *Measures of need and outcome for primary health care*. New York: Oxford University press.
- Williams, P. L., & Webb, C. (1994). The Delphi technique: A methodological discussion. *Journal of Advanced Nursing*, 19, 180-186.
- Wisawatapnimit, P. (1996). Desirable competencies of baccalaureate nursing greaduates in the year 2001 to 2006. Unpublished Master of Nursing Science (Nursing Administration), Chulalongkorn University, Bangkok.

- Wongkumjun, S. (1998). Relationships between personal background, personal trait and workplace environment with competencies of nurse directors as perceived by themselves, community hospitals under the jurisdiction of the Ministry of Public Health. Unpublished Master of Nursing Science (Nursing Administration), Chulalongkorn University, Bangkok.
- Wongprayoon, U. (2002). Relationships between personal factors, situational factors, job characteristics, and role performance of professional nurses in primary care unit, community hospital. Unpublished Master Nursing Science (Nursing Administration), Chulalongkorn University, Bangkok.
- Wongprayoon, U., & Authid, P. (2004). Relationships between personal factors, situational factors, job characteristics, and role performance of professional nurses in Primary Care Units. *Journal of Nursing Science Chulalongkorn University*, 16(1), 49-61.
- Wungsiripech, S. (1991). Factors related to primary health care performance of professional nurses in social medicine department of rural provincial hospital, Ministry of Public Health. Unpublished Master Science (Community Medicine), Chulalongkorn University, Bangkok.
- Wothke, W. (1993). Nonpositive definite matrices in structural modeling. In K. A. Bollen and J. S. Long (Eds.). *Testing structural models* (pp 256-293). Newburry Park, California: SAGE Publications.
- Yengkratok, S. (2001). *The standard of primary care unit*. Copy Documentation, Nakhonratchasima Provincial Health Center.

Yodanont, R. (2003). The development of primary care unit: Nongsarai case study. *Journal of Health Science*, 12(5), 689-701.