

## REFERENCES

- Ahlsio, B., Britton, M., Murray, V., & Theorell, T. (1984). Disablement and quality of life after stroke. *Stroke, 15*, 886-890.
- American Nurses' Association. (1991). *Standards of Clinical Nursing Practice*. Washington, D.C.
- American Nurses' Association. (1995). *Nursing's social policy statement*. Washington, D.C.
- Anderson, K. L., & Bruckhardt, C. S. (1999). Conceptualization and measurement of quality of life as an outcome variable for health care intervention and research. *Journal of Advanced Nursing, 29*(2), 298-306.
- Anunsuchatkul, B. (1986). *Non-parametric statistic*. Unpublished manuscript, Faculty of Education, Chiang Mai University, Chiang Mai, Thailand.
- Asawavichienjinda, T., & Boongrid, P. (1998). Cerebrovascular disease in North East Thailand. *Neurological Journal of South East Asia, 3*, 27-33.
- Astrom, M., Asplund, K., & Astrom, T. (1992). Psychosocial Function and Life Satisfaction After Stroke. *Stroke, 23*, 527-531.
- Baker, A. C. (1993). The Spouse's Positive Effect on the Stroke Patient's Recovery. *Rehabilitation Nursing, 18*(1), 30-33.
- Bay, C. L. (2001). Quality of life of stroke survivors: A research synthesis. *Journal of Neuroscience Nursing, 33*, 310-316.

- Bonita, R., Solomon, N., & Broad, J. (1997). Prevalence of stroke and stroke related disability: Estimate from the Auckland Stroke Studies. *Stroke*, 28, 1898-1902.
- Brazier, J., Jones, N., & Kind, P. (1993). Testing the validity of the EuroQol and comparing it with the SF-36 health survey questionnaire. *Quality of Life Research*, 2, 169-180.
- Buck, D., Jacoby, A., Massey, A., & Ford, G. (2000). Evaluation of measures used to assess quality of life after stroke. *Stroke*, 31, 2004-2010.
- Bugge, C., Hagen, S., & Alexander, H. (2001). Measuring stroke patient's health status in the elderly post-stroke phase using the SF36. *International Journal of Nursing Studies*, 38, 319-327.
- Bureau of Policy and Strategy, Ministry of Public Health (2000). Number and rate of in-patients according to causes of disease from hospital, Ministry of Public Health per 100,000 population by region, from <http://203.157.19.191/table%202.4.2.xls>
- Burke, W. J., Roccaforte, W. H., & Wengle, S. P. (1991). The shortform of the Geriatric Depression Scale: A comparison with the 30-item form. *Journal of Geriatric Psychiatry and Neurology*, 4(3),173-178.
- Bruno, A. A. (2004). Motor recovery in stroke. Retrieved January 15, 2005, from <http://www.emedicine.com/pmr/topic234.htm>
- Burns, N., & Grove, S. K. (2001). *The principle of nursing research: Conduct, critique, & utilization* (4 ed.). Philadelphia: W.B. Saunders.
- Caplan, G. (1974). *Support systems and community mental health: Lectures on concept development*. New York: Behavioral Publication.

Carod-Artal, J., Egido, J. A., Gonzalez, J. L., & de Seijas, V. (2000) Quality of life among stroke survivors evaluated 1 year after stroke: Experience of stroke unit. *Stroke, 31*, 2995-3000.

Chemerinski, E., Robinson, R. G., & Kosier, J. T. (2001). Improved recovery in activities of daily living associated with remission of poststroke depression. *Stroke, 32*, 113-117.

Clarke, P. J., Marshall, V., Black, S. E., & Colantonio, A. (2002). Well-being after stroke in Canadian seniors: Finding from the Canadian study of health and aging. *Stroke, 33*, 1016-1021.

Cohen, J. (1988). *Statistical power for the behavioral sciences*. (2nd ed.). New Jersey: Lawrence Erlbrum Associates.

DeHaan, R., Limberg, M., Vander, M. J., & Anderson, N. (1995). Quality of life after stroke: Impact of stroke type and lesion location. *Stroke, 26*, 402-408.

Dewey, H. M., Thrift, A. G., Mihalopoulos, C., Carter, R., Macdonell, R. A. L., McNeil, J. J., et al. (2002). Informal care for stroke survivors: Result from the Horth East Melbourne Stroke Incidence Study (NEMESIS). *Stroke, 33*, 1028-1033.

Doolittle, N. D. (1988) Stroke recovery: Review of the literature and suggestion for future research. *Journal of Neuroscience Nursing, 20*(3), 168-173.

Dorman, P. J., Dennis, M., & Sandercock, P. (1999). How do scores on the EuroQol relate to scores on the SF-36 after stroke? *Stroke, 30*, 2146-2151.

Duncan, P. (1998). Evaluating the outcome o A *Publication for Members of Medical Outcome Trust*, 3(3). Retrieved february, 11, 2003, from <http://www.outcome-trust.org/monitor/0798mon.htm>

- Duncan, P. W., Lai, S. M., Tyler, D., Perera, S., Reker, D. M., & Studenski, S. (2002). Evaluation of proxy responses to the stroke impact scale. *Stroke, 33*, 2593-2599.
- Duncan, P. W., Samsa, G. P., Weinberger, M., Goldstein, L. B., Bonito, A., Witter, D. M., et al. (1997). Health status of individuals with mild stroke. *Stroke, 28*, 740-745.
- Duncan, P. W., Wallace, D., Lai, S. M., Johnson, D., Embretson, S., & Laster, L. J. (1999). The stroke impact scale version 2.0: Evaluation of reliability, validity, and sensitivity to change. *Stroke, 30*, 2131-2140.
- Duncan, P. W., Wallace, D., Studenski, S., Lai, S. M., & Johnson, D. (2001). Conceptualization of a new stroke-specific outcome measure: The stroke impact scale. *Topics in Stroke Rehabilitation, 8*(2), 19-33.
- Ebrahim, S. (1998). Stroke: Pathology and epidemiology. In R. C. Tallis, H. M. Filit & J. C. Brocklehurst (Eds.), *Brocklehurst's textbook of geriatric medicine and gerontology* (pp. 487-468). Edinburgh: Churchill.
- Ebrahim, S., & Harwood, R. H. (1999). *Stroke: Epidemiology, evidence, and clinical practice*. Oxford: Oxford University Press.
- Egger, G., Spark, R., Lawson, J., & Donovan, R. (1999). *Health promotion strategies and methods*. Sydney: McGraw-Hill.
- Evan, R. L., Griffith, J., Harselkorn, J. K., Hendricks, R. D., Baldwin, D., & Bishop, D. S. (1992). Poststroke family function: An evaluation of the family's role in rehabilitation *Rehabilitation Nursing, 17*(3), 127-132.

- Evans, R. L., Matlock, A., Bishop, D. S., Stranahan, S., & Pederson, C. (1988). Family intervention after stroke: Dose counseling or education help? *Stroke*, *19*(10), 1243-1249.
- Farquhar, M. (1995). Elderly people's definitions of quality of life. *Social Science Medicine*, *41*(10), 1439-1446.
- Farzan, D. T. (1991). Reintegration for stroke survivors: Home and community consideration. *Nursing Clinics of North America*, *26*(4), 1037-1048.
- Feibel, J. H., & Springer, C. J. (1982). Depression and failure to resume social activities after stroke. *Archives of Physical Medicine and Rehabilitation*, *63*, 276-278.
- Ferrans, C. E., & Powers, M. J. (1992). Psychometric assessment of the QOL Index. *Research in Nursing and Health*, *15*(1), 29-38.
- Finn, A. M., & Horgen, N. F. (2000). The scope for rehabilitation in severely disabled stroke patient. *Disability and Rehabilitation*, *22*(4), 196-198.
- Folden, S. L. (1993). Effect of a supportive-educative nursing intervention on older adult's perceptions of self-care after stroke. *Rehabilitation Nursing*, *18*(3), 162-167.
- Funnell, M. M., & Anderson, R. M. (2004). Empowerment and self-management of diabetes. *Clinical Diabetes*, *22*(3), 123-127.
- Gibson, C. H. (1991). A concept analysis of empowerment. *Journal of Advanced Nursing*, *16*(3), 354-361.
- Gibson, C. H. (1995). The process of empowerment in mothers of chronically ill children. *Journal of Advanced Nursing*, *21*(6), 1201-1210.

- Grant, J. S., Elliott, T. R., Weaver, M., Bartolucci, A. A., & Giger, J. N. (2002). Telephone intervention with family caregivers of stroke survivors after rehabilitation. *Stroke, 33*(8), 2060-2065.
- Grobe, S. T. (1996). The nursing intervention Lexicon and Taxonomy: Implication for representing nursing care data in automated patient records. *Holistic Nursing Practice, 11*(1), 48-63.
- Hackett, M. L., Duncan, J. R., Anderson, C. S., Broad, J. B., & Bonita, R. (2000). Health-related quality of life among long-term survivors of stroke: Result from the Auckland Stroke Study, 1991-1992. *Stroke, 31*, 440-447.
- Hammen, C. (1991). Generation of stress in the course of unipolar depression. *Journal of Abnormal Psychology., 100*(4), 555-561.
- Heady, S. A., & Hooper, J. I. (2002). Health education. In C. L. Edelman & C. L. Mandel (Eds.), *Health promotion through the lifespan*. St.Louis: Mosby.
- Helgeson, V. S. (2003). Social support and quality of life. *Quality of Life Research, 12* (supplement1), 25-31.
- Hodgson, C. (1998). Prevalence and disabilities of community-living seniors who report the effect of stroke. *Canadian Medical Association, 159*(6 Suppl), s9-s1
- Hopman, W. M., & Verner, J. (2003). Quality of life during and after inpatient stroke rehabilitation. *Stroke, 34*, 801-805.
- Houglan-Adkins, E. R. (1993). Quality of life after stroke: Exposing a gap in nursing literature. *Rehabilitation Nursing, 18*, 144-147.
- Isberg, C. B. (2001). *An Exploration of Outcomes and Quality of Life: Factors in an Educationally-based Rehabilitation Program*. Retrieved June,3, 2003, from <http://www.strokecenter.com/qol.html>

- Jang, Y., Small, B. J., & Haley, W. B. (2001). Cross-culture comparability of the Geriatric Depression Scale: Comparison between older Koreans and older Americans. *Aging & Mental Health*, 5(1), 31-37.
- Jaracz, K., & Kozubski, W. (2003). Quality of life in stroke patients. *Acta Neurologica Scandinavica*, 107, 324-329.
- Johnson, J. J., & Pearson, V. (2000). The effects of structured education course on stroke survivors living in the community. *Rehabilitation Nursing*, 25(2), 59-65.
- Jongbloed, L. (1986). Prediction of function after stroke: A critical review. *Stroke*, 17, 765-775.
- Jittapunkul, S., Chayovan, N., & Kespichayawattana, J. (2002). *Long-term care provisions for older persons in Thailand. The 5th ARDF General meeting.* Bangkok, Thailand.
- Jittapunkul, S., Kamolratanakul, P., & Ebrahim, S. (1994). Disability among Thai elderly living in Klong Toey slum. *Journal of Medical Association of Thailand*, 77, 231-238.
- Jittapunkul, S., Lailert, C., Worakul, P., Srikaitkhachorn, A., & Ebrahim, S. (1996). Chula Mental Test: A screening test for elderly people in less developed countries. *International Journal of Geriatric Psychiatry*, 11(8), 715-720.
- Kalra, L. (1998). Stroke: Clinical presentation and management. In R. C. Tallis, H. M. Fillit & J. C. Brocklehurst (Eds.), *Brocklehurst's Textbook of Geriatric Medicine and Gerontology* (pp. 499-532). Edinburgh: Churchill.

- Kalra, L., & Crome, P. (1993). The role of prognostic score in targeting stroke rehabilitation in elderly patients. *Journal of American Geriatric Society*, 41(4), 396-400.
- Kalra, L., Evan, A., Perez, I., Melbourn, A., Patei, A., Knapp, M., et al. (2004). Training carers of stroke patients: Randomised controlled trial., *British Medical Journal* 328, 1099).
- Kalra, L., Smith, D., & Crome, P. (1993). Stroke in patients aged over 75 years: Outcome and predictors. *Postgraduate Medical Journal*, 69, 33-36.
- Kareen, N., Desrosiers, J., Gauthier, P., & Carbonneau, H. (2002). Impact of a home leisure educational program for older adults who have had a stroke. *Therapeutic Recreation Journal*, first quarter. Retrieved December 2, 2002, from [http://www.findarticles.com/p/articles/mi\\_qa3903/is\\_200201/ai\\_n9022895](http://www.findarticles.com/p/articles/mi_qa3903/is_200201/ai_n9022895)
- Kelly-Hayes, P. M., Robertson, J. T., Broderick, J. P., Duncan, P. W., Hershey, L. A., Kernich, C. A., & Robb, G. (1988). Development of a stroke family support and education program. *Journal of Neuroscience Nursing*., 20(3), 193-197.
- Kim, P., Warren, S., Madill, H., & Hadley, M. (1999). Quality of life of stroke survivors. *Quality of Life Research*, 8(4), 293-301.
- King, R. B. (1996). Quality of life after stroke. *Stroke*, 27, 1467-1472.
- Knodel, J., & Debavalya, N. (1992) Social and economic support systems for the elderly in Asia: An introduction. *Asia-Pacific Population Journal*, 7(3), 5-12.
- Lai, S. M., Duncan, P. W., Keighley, J., & Johnson, D. (2002). Depressive symptoms and independence in BADL and IADL. *Journal of Rehabilitation Research and Development*, 39(5). 589-596.



- Lai, S. M., Studenski, S., Duncan, P. W., & Perera, S. (2002). Persisting consequences of stroke measured by the Stroke Impact Scale. *Stroke*, 33(1840-1844).
- Larson, J., Franzen-Dahlin, A., Billing, E., Von Arbin, M., Murray, V., & Wredling, R. (2005). The impact of a nurse-led support and education programme for spouses of stroke patients: A randomized controlled trial. *Journal of Clinical Nursing*, 14, 995-1003.
- Lau, A., & McKenna, K. (2001). Conceptualizing quality of life for elderly people with stroke. *Disability and Rehabilitation*, 23(6), 227-238.
- Lerttrakarnnon, P., Kachaenchai, T., & Thanompan, T. (Supplement 2000). Compared dementia assessment questionnaires between Thai Mental State Examination and Chula Mental Test. *Chiang Mai Medical Bulletin*.
- Lorig, K. R., Sobel, D. S., Stewart, A. L., Brown, B. W., Bandura, A., & Ritter, P. (1999). A self-management program for patients with chronic disease. *Medical Care*, 37, 5-14.
- Lucke, K. T., Lucke, J. F., & Martinez, H. (2004). *Evaluation of a professional and peer telephone intervention with spinal cord injured individuals following rehabilitation in south Texas*. Retrieved December, 26, 2005, from [www.findarticles.com/p/articles/mi\\_qa3919/is\\_200407/ai\\_n9455589/print](http://www.findarticles.com/p/articles/mi_qa3919/is_200407/ai_n9455589/print)
- Mant, J., Carter, J., Wade, D. T., & Winner, S. (2000). Family support for stroke: A randomised controlled trial. *The Lancet*, 356, 808-813.

- Michalsen, A., Grossman, P., Lehmann, N., Knoblauch, N. T. M., Paul, A., Moebus, S., et al. (2005). Psychological and quality of life outcomes from a comprehensive stress reduction and life style program in patients with coronary artery disease: Results of a randomized trial. *Psychotherapy and Psychosomatics*, 74, 344-352.
- Miller, J. F. (1983). *Coping with chronic illness: Overcoming powerlessness*. Philadelphia: David.
- Mingkuan, P. (1997). Stress and coping in elderly stroke patients. Unpublished master's thesis, Chiang Mai University, Chiang Mai, Thailand.
- Ministry of Public Health. (2004). Statistical report.: Information and Communication Technology Center, Department of Medical Service, Ministry of Public Health. Retrieved from <http://www.dms.moph.go.th/statreport/2547/table0247.htm>
- Munro, B. H. (2001). *Statistical methods for health care research* (4th ed.). Philadelphia: Lippincott.
- Murphy, K. R., & Myers, B. (2004). *Statistical power analysis: A simple and general model for traditional and modern hypothesis tests*.(2nd ed.). Mahwah, New Jersey: Lawrence Erlbaum Associates
- Nakara, P. (1999). *Quality of life after stroke*. Unpublished master's thesis, Mahidol University, Bangkok, Thailand.
- National Statistic Office of the Prime Minister. (1991). *Report of the health and welfare survey 1991*. Bangkok: Office of the Prime Minister.
- Niemi, M. L., Laaksonen, R., Kotila, M., & Waltimo, O. (1988). Quality of life 4 years after stroke. *Stroke*, 19(1101-1107).

- Northouse, L. L., Caffey, M., Deichelbohrer, L., Schmidt, L., Guziatek-Trojniak, L., West, S., et al. (1999). The quality of life of African American women with breast cancer. *Research in Nursing and Health*, 22, 449-460.
- Oleson, M. (1990). Subjectively perceived quality of life. *Image Journal of Nursing Scholarship*, 22(3), 187-190.
- Orem, D. E. (2001). *Nursing: Concept of practice* (6th ed.). St.Louis: Mosby.
- Patrick, D. L., & Erickson, P. (1993). Health status and health decisions. In D. L. Patrick & P. Erickson (Eds.), *Health status and health policy: Quality of life in health care evaluation and resource allocation*. New york: Oxford University Press.
- Pianta, R. C., & Egeland, B. (1994). Relation between depression symptoms and stressful life evens in a sample of disadvantaged mother. *Journal of Consulting and Clinical Psychology*, 62(8), 1229-1234.
- Polit, D. F., & Hungler, B. P. (1999). *Nursing research: Principles and methods* (6th ed.). Philadelphia: Lippincott.
- Portney, L. G., & Watkins, M. P. (2000). *Foundations of clinical research: Applications to practice*. (2nd ed.). New Jersey: Prentice Hall Health.
- Robinson-Smith, G., Johnson, M. V., & Allen, J. (2000). Self-care, self-efficacy, quality of life, and depression after stroke. *Archives of Physical Medicine and Rehabilitation*, 81, 460-464.
- Rockville, M. D. (1993). Depression in primary care: Volume 1. detection and diagnosis, clinical practice guideline, number 5: U.S. Department of Health and Human Service, Public Health Service, Agency for Health Care Policy and Research.

- Roth, E. J., & Harvey, R. L. (1996). Rehabilitation of stroke syndromes. In R. M. Braddom, D. Buschbacher, E. Dumitru, W. Johnson, D. Mathews & M. Sinaki (Eds.), *Physical medicine rehabilitation* (pp. 1053-1087). Philadelphia: W.B. Saunders Company.
- Rustoen, T., Moun, T., Wiklund, I., & Hanestad, B. R. (1999). Quality of life in newly diagnoses cancer patients. *Journal of Advanced Nursing*, 29, 490-498.
- Sacco, R. L., Benjamin, E. J., Broderick, J. P., Dyken, M., Easton, J. D., & Feinberg, W. M. (1997). Risk factors. *Stroke*, 28, 1507-1517.
- Sacco, R. L., Wolf, P. A., & Gorelick, P. B. (1999). Risk factors and their management for stroke prevention: Outcome for 1999 and beyond. *Neurology*, 53(supplement 4), S15-S24.
- Saladin, L. K. (2000). Measuring quality of life post-stroke. *Neurology Report*, 24(3), 133-139.
- Sangsuwan, C., Sa-nguanmitra, P., & Navacharoen, W. (1996). Stroke: 188 cases in Maharaj Nakorn Chiang Mai Hospital. *Chiang Mai Medical Bullatin*, 35(3), 131-138.
- Santus, G., Ranzenigo, A., Caregnato, R., & Inzoli, M. R. (1990). Social and family integration of hemiplegic elderly patients 1 year after stroke. *Stroke*, 21, 1019-1022.
- Sathirapanya, C., Silpasuwan, V., Phanthumchinda, K., & Poomriew, R. (2002). The effectiveness of empowerment for enhancing quality of life among ischemic stroke patients attending Songkla Neuropsychiatric Hospital. *Journal of Public Health*, 32(1), 33-49.

- Scott, L. D., Setter-Kline, K., & Britton, A. S. (2004). The effects of nursing interventions to enhance mental health and quality of life among individuals with heart failure. *Applied Nursing Research, 17*(4), 248-256.
- Shumaker, S. A., & Naughton, M. J. (1995). The international assessment of health-related quality of life: a theoretical perspective. In S. A. Shumaker & R. A. Berzon (Eds.), *The international assessment of health-related quality of life theory, translation, measurement and a nalysis* (pp. 3-10). Oxford: Rapid Communication.
- Viriyavejukul, A., Senanarong, W., Prayournviwat, N., Praditsuwan, R., Chaiseawikul, R., & Pongwarin, N. (1998). Epidemiology of stroke in Thai elderly. *Journal of the Medical Association of Thailand, 18*(7), 497-505.
- Wade, D. T., & Langton-Hewer, R. (1987). Functional abilities after stroke: measurement, natural history and prognosis. *Journal of Neurology, Neurosurgery, and Psychiatry, 50*(2), 177-182.
- WHOQOLgroup. (1998). Development of the World Health Organization WHOQOL-BREF quality of life assessment. *Psychological Medicine, 28*, 551-558.
- Williams, L. S., Weinberger, M., Harris, L. E., & Biller, J. (1999). Measuring quality of life in a way that is meaningful to stroke patients. *Neurology, 53*, 1839-1843.
- Wolfe, C. D. A. (2000). The impact of stroke. *British Medical Bulletin, 56*(2), 275-286.
- Wyller, T. B., Holmen, J., Laake, P., & Laake, K. (1998). Correlates of subjective well-being in stroke patients. *Stroke, 29*, 363-367.

- Xiaoying, L. (1999). *Family social support and self-care ability among stroke survivors*. Unpublished Unpublished master's thesis, Chiang Mai University, Chiang Mai, Thailand.
- Yesavage, J. A. (1988). Geriatric depression scale. *Psychopharmacology Bulletin*, 24, 709-710.
- Yoon, H. (1997). Factors affecting quality of life of the Korean aged stroke patients. *International journal of aging and human development*, 44, 167-181
- Zohar, N., Zoly, Z., & Heidi, S. (2004). Structured nursing intervention versus routine rehabilitation after stroke. *American Journal of Physical Medicine & Rehabilitation*, 83(7), 522-529.