

APPENDIX R

BIBLIOGRAPHY

Ades, P. A., Pashkow, F. J., Fletcher, G., Pina, I. L., Zohman, L. R., & Nestor, J. R. (2000). A controlled trial of cardiac rehabilitation in the home setting using electrocardiographic and voice transtelephonic monitoring. *Am Heart J*, 139, 543-548.

Agha, Z., Schapira, R.M., Varkey, B., Frahm, J.A., Dunn, D.E. (2000) Telemedicine for delivery of pulmonary outpatient care to a rural site: A cost analysis. *Journal of General Internal Medicine*, 15, 97.

Agroyannis, B., Fourtounas, C., Romagnoli, G., et al. (1999). Telemedicine technology and applications for home haemodialysis. *The International Journal of Artificial Organs*, 22(10), 679-683.

Albright, K. & Slater, S. G. (2000). Medical devices in the home: present and future applications. *Caring*, 19, 36-8, 40.

Alemi, F., Stephens, R., Parran, T., Llorens, S., Bhatt, P., Ghadiri, A. et al. (1994). Automated monitoring of outcomes: Application to treatment of drug abuse. *Medical Decision Making*, 14, 180-187.

Alexander, M. (1995). Telemedicine in Australia. 1: The health-care system and the development of telemedicine. *J Telemed.Telecare*, 1, 187-195.

Allen, A., Doolittle, G. C., Boysen, C. D., Komoroski, K., Wolf, M., Collins, B. et al. (1999). An analysis of the suitability of home health visits for telemedicine. *J Telemed. Telecare*, 5, 90-96.

Ames, D. (1992). Psychiatric diagnoses made by the AGE-CAT system in residents of local authority homes for the elderly: Outcome and diagnostic stability after four years. *International Journal of Geriatric Psychiatry*, 7, 83-87.

Anderson, J. L., Gilbert, E. M., Alpert, B. L., Henthorn, R. W., Waldo, A. L., Bhandari, A. K. et al. (1989). Prevention of symptomatic recurrences of paroxysmal atrial fibrillation in patients initially tolerating antiarrhythmic therapy. A multicenter, double-blind, crossover study of flecainide and placebo with transtelephonic monitoring. *Circulation*, 80, 1557-1570.

Angaran, D. M. (1999). Telemedicine and telepharmacy: Current status and future implications. *American Journal of Health-System Pharmacy*, 56, 1405-1426.

Artinian, N. T., Washington, O. G., & Templin, T. N. (2001). Effects of home telemonitoring and community-based monitoring on blood pressure control in urban African Americans: a pilot study. *Heart Lung*, 30, 191-199.

Artunian, J. (1998). Rehab gets wired... telemedicine rehab services. *Rehab Management: The Interdisciplinary Journal of Rehabilitation*, 10, 54.

Ashcroft, R. E. & Goddard, P. R. (2000). Ethical issues in teleradiology. *Br J Radiol*, 73, 578-582.

Baer, L., Elford, D. R., & Cukor, P. (1997). Telepsychiatry at forty: what have we learned? *Harv.Rev.Psychiatry*, 5, 7-17.

Bailes, J. E., Poole, C. C., Hutchison, W., Maroon, J. C., & Fukushima, T. (1997). Utilization and cost savings of a wide-area computer network for neurosurgical consultation. *Telemed.J*, 3, 135-139.

Balas, E. A., Jaffrey, F., Kuperman, G. J., Austin, B. S., Brown, G. D., Pinciroli, F. et al. (1997). Electronic communication with patients: evaluation of distance medicine technology. *JAMA*, 278, 152-159.

Ball, C. & McLaren, P. (1997). The tele-assessment of cognitive state: a review. *J Telemed.Telecare*, 3, 126-131.

Ball, C., Tyrrell, J., & Long, C. (1999). Scoring written material from the Mini-Mental State Examination: a comparison of face-to-face, fax and video-linked scoring. *J Telemed.Telecare*, 5, 253-256.

Barbaro, V., Bartolini, P., & Bernarducci, R. (1997). A portable unit for remote monitoring of pacemaker patients. *J Telemed.Telecare*, 3, 96-102.

Barber, J. W., King, W. D., Monroe, K. W., & Nichols, M. H. (2000). Evaluation of emergency department referrals by telephone triage. *Pediatrics*, 105, 819-821.

Bashshur, R. L. (1997). Critical issues in telemedicine. *Telemed J*, 3, 113-126.

Bates, J., Gilat, L., Johnson, J., MacKay, M., Yun, G. W., Lear, S. et al. (2002). Utilization and Impact of an Internet-Based Cardiac Rehabilitation Program by Rural Patients with Coronary Artery Disease. Ref Type: Unpublished Work

Bates, J., Gilat, L., Johnson, J., MacKay, M., Lear, S., & Johnson, P. (2002). Outcomes of a web-based cardiac rehabilitation program delivered to patients living in rural and regional centres. Ref Type: Unpublished Work.

Battles, H. B. & Weiner, L. S. (2002). Starbright World: Effects of an electronic network on the social environment of children with life-threatening illnesses. *Children's Health Care* March 1, 31[1], 47-68.

Bauer, K. A. (2000). The ethical and social dimensions of home-based telemedicine. *Crit Rev Biomed Eng*, 28, 541-544.

Beck, R. D., Saddler, C., & Ranch, R. (1998). Preliminary experience with an orthopedic teleradiology service at the Alaska Native Medical Center. *Int J Circumpolar Health*, 57 Suppl 1, 689-690.

Bellazzi, R., Magni, P., Bellazzi, R. (2001). Improving dialysis services through information technology: from telemedicine to data mining. *Medinfo*, 10(Pt 1), 795-799.

Benger, J. (1999). A review of minor injuries telemedicine. *Journal of Telemedicine and Telecare* Aug 5[suppl 3], 5-13.

Bergmo, T. S. (1996). An economic analysis of teleradiology versus a visiting radiologist service. *J Telemed. Telecare*, 2, 136-142.

Bergmo, T.S. (1997). An economic analysis of teleconsultation in otorhinolaryngology. *J Telemed Telecare*, 3(4), 194-199.

Bergmo, T.S. (2000). A cost-minimization analysis of a realtime teledermatology service in northern Norway. *J Telemed Telecare*, 6(5), 273-277.

Berkman, P., Heinik, J., Rosenthal, M., & Burke, M. (1999). Supportive telephone outreach as an interventional strategy for elderly patients in a period of crisis. *Social Work in Health Care*, 28, 63-76.

Biermann, E., Dietrich, W., & Standl, E. (2000). Telecare of diabetic patients with intensified insulin therapy. A randomized clinical trial. *Studies in Health Technology & Informatics*, 77, 327-332.

Black, S., Andersen, K., Loane, M. A., & Wootton, R. (2001). The potential of telemedicine for home nursing in Queensland. *J Telemed. Telecare*, 7, 199-205.

Boland, G. W. (1998). Teleradiology: another revolution in radiology? *Clin. Radiol.*, 53, 547-553.

Bondmass, M., Bolger, N., Castro, G., & Avitall, B. (1999). The effect of physiologic home monitoring and telemanagement on chronic heart failure outcomes. *Internet Journal of Advanced Nursing Practice*, 3, 17 pages.

Bondmass, M., Bolger, N., Castro, G., & Avitall, B. (2000). The effect of home monitoring and telemanagement on blood pressure control among African Americans. *Telemedicine Journal*, 6, 15-23.

Boulanger, B., Kearney, P., Ochoa, J., Tsuei, B., & Sands, F. (2001). Telemedicine: a solution to the follow up of rural trauma patients? *J Am Coll Surg*, *192*, 447-452.

Bracale, M., Cesarelli, M., & Bifulco, P. (2002). Telemedicine services for two islands in the Bay of Naples. *J Telemed.Telecare*, *8*, 5-10.

Bratton, R. L. & Short, T. M. (2001). Patient satisfaction with telemedicine: a comparison study of geriatric patients. *J Telemed.Telecare*, *7 Suppl 2*, 85-86.

Brennan, P. F. & Moore, S. M. (1994). Networks for home care support: the ComputerLink project. *Caring*, *8*, 64-66.

Britton, B.P., Engelke, M.K., Rains, D.B., Mahmud, K. (2000). Measuring costs and quality of telehomecare. *Home Health Care Management & Practice*, *12(4)*, 27-32.

Bruderman, I. & Abboud, S. (1997). Telespirometry: novel system for home monitoring of asthmatic patients. *Telemed.J*, *3*, 127-133.

Brumage, M. R., Chinn, S., & Cho, K. (2001). Teleradiology in a military training area. *J Telemed.Telecare*, *7*, 348-352.

Burns, R. B., Crislip, D., Daviou, P., Temkin, A., Vesmarovich, S., Anshutz, J. et al. (1998). Using telerehabilitation to support assistive technology. *Assist Technol*, *10*, 126-133.

Bynum, A., Hopkins, D., Thomas, A., Copeland, N., & Irwin, C. (2001). The effect of telepharmacy counseling on metered-dose inhaler technique among adolescents with asthma in rural Arkansas. *Telemed.J E Health*, *7*, 207-217.

Cameron, K., Hughes, K., & Doughty, K. (1997). Reducing fall incidence in community elders by telecare using predictive systems. *Proceedings of the 19th IEEE Engineering in Medicine and Biology Society Conference*, 3, 1036-1039.

Campbell, J. D., Harris, K. D., & Hodge, R. (2001). Introducing telemedicine technology to rural physicians and settings. *J Fam.Pract.*, 50, 419-424.

Campbell, N. D., Ritchie, L. D., Cassidy, J., & Little, J. (1999). Systematic review of cancer treatment programmes in remote and rural areas. *British Journal of Cancer*, 80, 1275-1280.

Canada.Medical Imaging Technology Roadmap.Working Group 3 (2001). *Transmission and connectivity, medical imaging technology : WG 3 final working group report*. Ottawa: Canada Medical Imaging Technology Roadmap Working Group-3; Canada Health Industries Branch.

CANARIE Inc. (September 1997). *Towards a Canadian Health Iway: Vision, Opportunities and Future Steps*. Ottawa.

Capalbo, S. M. & Heggem, C. N. (1999). *Evaluating telemedicine technologies in rural settings* [Bozeman, Mont.]: Trade Research Center.

Capner, M. (2000). Videoconferencing in the provision of psychological services at a distance. *J Telemed.Telecare*, 6, 311-319.

Carroll, D. L., Robinson, E., Buselli, E., Berry, D., & Rankin, S. H. (2001). Activities of the APN to enhance unpartnered elders self-efficacy after myocardial infarction. *Clinical Nurse Specialist, 15*, 60-66.

Castro, C. M., King, A. C., & Brassington, G. S. (2001). Telephone versus mail interventions for maintenance of physical activity in older adults. *Health Psychol., 20*, 438-444.

Celler, B. G., Earnshaw, W., Ilsar, E. D., Betbeder-Matibet, L., Harris, M. F., Clark, R. et al. (1995). Remote monitoring of health status of the elderly at home. A multidisciplinary project on aging at the University of New South Wales. *Int.J Biomed.Comput., 40*, 147-155.

Celler, B. G., Lovell, N. H., & Chan, D. K. (1999). The potential impact of home telecare on clinical practice. *Med J Aust, 171*, 518-521.

Chan, F. Y., Soong, B., Watson, D., & Whitehall, J. (2001). Realtime fetal ultrasound by telemedicine in Queensland. A successful venture? *J Telemed.Telecare, 7 Suppl 2*, 7-11.

Chan, M., Bocquet, H., Campo, E., Val, T., Esteve, D., & Pous, J. (1998). Multisensor system and artificial intelligence in housing for the elderly. *Stud.Health Technol Inform., 48*, 145-149.

Chepesiuk, R. (1999). Making house calls: using telecommunications to bring health care into the home. *Environ.Health Perspect, 107*, A556-A560.

CHIPP Diabetic Retinopathy project. http://www.hc-sc.gc.ca/ohih-bsi/about_apropos/chipp-ppics/proj/westnet_e.html. Last viewed 13 January 2003.

Chung, M. & Akahoshi, M. (1999). Reducing home nursing visit costs using a remote access infusion pump system. *J Intraven.Nurs*, 22, 309-314.

Clarke, M., Oxman, A. D., & editors. (2001). *Cochrane reviewers' handbook 4.1.4*. Oxford: The Cochrane Library.

Cochrane Collaboration Review Manager. <http://www.cochrane-net.org/revman/>

Coogle, C. L., Osgood, N. J., Parham, I. A., Wood, H. E., & et al. (1996). The effectiveness of videoconferencing in geriatric alcoholism education. *Gerontology & Geriatrics Education*, 16, 73-83.

Cooper, M. & Keating, D. (1996). Implications of the emerging home systems technologies for rehabilitation. *Med Eng Phys.*, 18, 176-180.

Cost Reengineering Report (1999):122-125.

Couturier, P., Tyrrell, J., Tonetti, J., Rhul, C., Woodward, C., & Franco, A. (1998). Feasibility of orthopaedic teleconsulting in a geriatric rehabilitation service. *J Telemed.Telecare*, 4 Suppl 1, 85-87.

Cresswell, S. & Hicks, K. (1996). A new modem-based communication link for paediatric home peritoneal dialysis patients. *Dialysis and Transplantation*, 25(9), 586-590.

Crowe, B. L. (2001). A review of the experience with teleradiology in Australia. *J Telemed.Telecare*, 7 Suppl 2, 53-54.

Currell, R., Urquhart, C., Wainwright, P., & Lewis, R. (2001). Telemedicine versus face to face patient care: effects on professional practice and health care outcomes. The Cochrane Library [Issue 4]. Update Software.

D'Souza, R., Harvey, G., Rich, D., & Sanderson, J. (2001). A case control study in the use of telemedicine for discharge planning and treatment adherence in remote and rural patients. *Australian and New Zealand Journal of Psychiatry*, 35, A6-A7.

Dansky, K. H., Bowles, K. H., & Palmer, L. (1999). How telehomecare affects patients. *Caring*, 18, 10-14.

Dansky, K. H., Palmer, L., Shea, D., & Bowles, K. H. (2001). Cost analysis of telehomecare. *Telemed.J E Health*, 7, 225-232.

Darkins, A., Dearden, C. H., Rocke, L. G., Martin, J. B., Sibson, L., & Wootton, R. (1996). An evaluation of telemedical support for a minor treatment centre. *J Telemed.Telecare*, 2, 93-99.

Davis, M. C. (1997). Teleradiology in rural imaging centres. *J Telemed.Telecare*, 3,146-153.

Dawson, A., Cohen, D., Candelier, C., Jones, G., Sanders, J., Thompson, A. et al. (1999). Domiciliary midwifery support in high-risk pregnancy incorporating telephonic fetal heart rate monitoring: a health technology randomized assessment. *J Telemed Telecare*, 5(4), 220-230.

De Leo, D., Carollo, G., & Dello, B. M. (1995). Lower suicide rates associated with a Tele-Help/Tele-Check service for the elderly at home. *American Journal of Psychiatry*, *152*, 632-634.

Della Mea, V., Cortolezzis, D., Beltrami, C.A. (2000). The economics of telepathology--a case study. *J Telemed Telecare*, *6 Suppl 1*, S168-S169.

de Lusignan, S., Meredith, K., Wells, S., Leatham, E., & Johnson, P. (1999). A controlled pilot study in the use of telemedicine in the community on the management of heart failure--a report of the first three months. *Stud.Health Technol.Inform.*, *64*, 126-137.

de Lusignan, S., Wells, S., Johnson, P., Meredith, K., & Leatham, E. (2001). Compliance and effectiveness of 1 year's home telemonitoring. The report of a pilot study of patients with chronic heart failure. *Eur.J Heart Fail.*, *3*, 723-730.

Debray, M., Couturier, P., Greuillet, F., Hohn, C., Banerjee, S., Gavazzi, G. et al. (2001). A preliminary study of the feasibility of wound telecare for the elderly. *J Telemed.Telecare* *7*[6], 353-358.

Demiris, G., Speedie, S., & Finkelstein, S. (2000). A questionnaire for the assessment of patients' impressions of the risks and benefits of home telecare. *J Telemed.Telecare*, *6*, 278-284.

Demiris, G., Speedie, S. M., & Finkelstein, S. (2001). Change of patients' perceptions of TeleHomeCare. *Telemed.J E Health*, *7*, 241-248.

Dick, P. T., Filler, R., & Pavan, A. (1999). Participant satisfaction and comfort with multidisciplinary pediatric telemedicine consultations. *J Pediatr Surg*, *34*, 137-141.

Diekmann, F., Grebe, S., Bick, U., Winzer, K. J., Paepke, S., & Hamm, B. (2000). Intraoperative digital radiography for diagnosis of nonpalpable breast lesions. *Rofo Fortschr. Geb. Rontgenstr. Neuen Bildgeb. Verfahr.*, 172, 969-971.

Dini, E. F., Linkins, R. W., & Chaney, M. (1995). Effectiveness of computer-generated telephone messages in increasing clinic visits. *Archives of Pediatrics & Adolescent Medicine*, 149, 902-905.

Doolittle, G.C., Harmon, A., Williams, A., Allen, A., Boysen, C.D., Wittman, C. et al. (1997). A cost analysis of a tele-oncology practice. *J Telemed Telecare*, 3 Suppl 1, 20-22.

Doolittle, G. C., Yaezel, A., Otto, F., & Clemens, C. (1998). Hospice care using home-based telemedicine systems. *J Telemed. Telecare*, 4 Suppl 1, 58-59.

Doolittle, G. C. (2000). A cost measurement study for a home-based telehospice service. *J Telemed. Telecare*, 6 Suppl 1, S193-S195.

Doze, S. and Simpson, J. (1997). *Evaluation of a telepsychiatry pilot project*. Alberta Heritage Foundation for Medical Research.

Doze, S., Simpson, J., Hailey, D., Jacobs, P. (1999). Evaluation of a telepsychiatry pilot project. *J Telemed Telecare*, 5(1), 38-46.

Drummond, M., O'Brien, B., Stoddard, G., & Torrence, G. (1997). *Methods for the economic evaluation of health care programmes. Second Ed.* (Second ed.) Oxford, New York: Oxford University Press.

- Eedy, D. J. & Wootton, R. (2001). Tele dermatology: a review. *Br.J Dermatol.*, 144, 696-707.
- Elford, D. R., White, H., St John, K., Maddigan, B., Ghandi, M., & Bowering, R. (2001). A prospective satisfaction study and cost analysis of a pilot child telepsychiatry service in Newfoundland. *J Telemed.Telecare*, 7, 73-81.
- Eljamel, M. S. & Nixon, T. (1992). The use of a computer-based image link system to assist inter-hospital referrals. *British Journal of Neurosurgery* 6, 559-562.
- Ferris, D. G., Macfee, M. S., Miller, J. A., Litaker, M. S., Crawley, D., & Watson, D. (2002). The efficacy of telecolposcopy compared with traditional colposcopy. *Obstet.Gynecol.*, 99, 248-254.
- Fery-Lemonnier, E. (1993). *Telemedicine in the management of neurosurgical emergencies in Paris (systematic review, primary research, expert panel, working group)* Paris: Comite d'Evaluation et de Diffusion des Innovations.
- Finkelstein, S. M., Speedie, S. M., Lundgren, J. M., & Ideker, M. (2000). TeleHomeCare: connecting the home and the home care agency. *Caring*, 19, 32-35.
- Finley, J. P., Sharratt, G. P., Nanton, M. A., Chen, R. P., Ryan, P., Wolstenholme, J. et al. (1997). pediatric echocardiography by telemedicine: Nine years experience. *Journal of Telemedicine and Telecare* 3[4], 200-204.
- Fisk, M. J. (1998). Telecare at home: factors influencing technology choices and user acceptance. *J Telemed.Telecare*, 4, 80-83.

Fisk, N. M., Sepulveda, W., Drysdale, K., Ridely, D., Garner, P., Kyle, P. et al. (1996). Fetal telemedicine: Six month pilot of real-time ultrasound and video consultation between the Isle of Wight and London. *British Journal of Obstetrics and Gynaecology* 103[11], 1092-1095.

Fitch, C. J., Briggs, J. S., & Beresford, R. A. (2000). System issues for successful telemedicine implementation. *Health Informatics Journal*, 6, 166-173.

Fowkes, W., Christenson, D., & McKay, D. (1997). An analysis of the use of the telephone in the management of patients in skilled nursing facilities. *Journal of the American Geriatrics Society*, 45, 67-70.

F/P/T Advisory Committee on Health Infostructure (December 2000). *Blueprint and Tactical Plan for a pan-Canadian Health Infostructure - A Report on F/P/T Collaboration for the Planning of the Canadian Health Infostructure*. Office of Health and the Information Highway, Health Canada, Ottawa.

F/P/T Advisory Council on Health Infostructure (November 2001). *Tactical Plan for a pan-Canadian Health Infostructure – 2001 Update*. Office of Health and the Information Highway, Health Canada, Ottawa.

Franken, E. A., Jr., Whitten, P., & Smith, W. L. (1996). Teleradiology services for a rural hospital: a case study. *J Telemed. Telecare*, 2, 155-160.

Friedman, R. H., Kazis, L. E., Jette, A., Smith, M. B., Stollerman, J., Torgerson, J. et al. (1996). A telecommunications system for monitoring and counseling patients with hypertension. Impact on medication adherence and blood pressure control. *Am J Hypertens.*, 9, 285-292.

Fulmer, T. T., Feldman, P. H., Kim, T. S., Carty, B., Beers, M., Molina, M. et al. (1999). Intervention study to enhance medication compliance in community-dwelling elderly individuals. *Journal of Gerontological Nursing*, 25, 6-14.

Gallagher, M., Huddart, T., & Henderson, B. (1998). Telephone triage of acute illness by a practice nurse in general practice: outcomes of care. *Br J Gen Pract*, 48, 1141-1145.

Gallienne, R. L., Moore, S. M., & Brennan, P. F. (1993). Alzheimer's caregivers: psychosocial support via computer networks. *Journal of Gerontological Nursing*, 19, 15-22.

Garshnek, V. & Burkle, F. M., Jr. (1999). Applications of telemedicine and telecommunications to disaster medicine: historical and future perspectives. *J Am Med Inform.Assoc*, 6, 26-37.

Glueckauf, R. L., Whitton, J. D., & Nickelson, D. W. (2002). Telehealth: The new frontier in rehabilitation and health care. In M.J.Scherer (Ed.), *Assistive technology: Matching device and consumer for successful rehabilitation* (pp. 197-213). Washington, DC, US: American Psychological Association.

Go, R. C., Duke, L. W., Harrell, L. E., Cody, H., Bassett, S. S., Folstein, M. F. et al. (1997). Development and validation of a Structured Telephone Interview for Dementia Assessment (STIDA): the NIMH Genetics Initiative. *J Geriatr.Psychiatry Neurol.*, 10, 161-167.

Going E. (1998). Telehealth in dialysis: the Simcoe County experience. *Journal of the Canadian Association of Nephrology Nurses and Technicians*, 8(3), 36-38.

Goh, K. Y. C., Lam, C. K., & Poon, W. S. (1997). The impact of teleradiology on the inter-hospital transfer of neurosurgical patients. *British Journal of Neurosurgery*, *11*, 52-56.

Goldsmith, L. J. & Ricketts, T. C. (1999). Proposed changes to designations of medically underserved populations and health professional shortage areas: Effects on rural areas. *Journal of Rural Health* *15*[1], 44-54.

Government of Alberta (January 2002). *Alberta: Health First – Building a better public health care system*. Government of Alberta.

Government of Canada (1998). Tele-Homecare Consultation Workshop (1998 : Toronto, Ont.). In Ottawa: Health Canada ; CANARIE Inc.

Gray, J., Pompilio-Weitzner, G., Jones, P. C., Wang, Q., Coriat, M., & Safran, C. (1998). Baby CareLink: development and implementation of a WWW-based system for neonatal home telemedicine. *Proc AMIA.Symp.*, 351-355.

Gray, J. E., Safran, C., Davis, R. B., Pompilio-Weitzner, G., Stewart, J. E., Zaccagnini, L. et al. (2000). Baby CareLink: using the internet and telemedicine to improve care for high-risk infants. *Pediatrics*, *106*, 1318-1324.

Grigsby, J., Kaehny, M. M., Sandberg, E. J., Schlenker, R. E., & Shaughnessy, P. W. (1995). Effects and effectiveness of telemedicine. *Health Care Financ.Rev.*, *17*, 115-131.

Gritzalis, D. & Lambrinoudakis, C. (2000). A data protection scheme for a remote vital signs monitoring healthcare service. *Med Inform.Internet Med*, *25*, 207-224.

Gulube, S. M. & Wynchank, S. (2001). Telemedicine in South Africa: success or failure? *J Telemed. Telecare*, 7 Suppl 2, 47-49.

Gustke, S. S., Balch, D. C., West, V. L., & Rogers, L. O. (2000). Patient satisfaction with telemedicine. *Telemedicine Journal*, 6, 5-13.

Gutierrez, G. (2001). Medicare, the internet, and the future of telemedicine. *Critical Care Medicine*, 29, N144-N150.

Hagan, L., Morin, D., & Lepine, R. (2000). Evaluation of telenursing outcomes: satisfaction, self-care practices, and cost savings. *Public Health Nurse*, 17, 305-313.

Hailey, D. & Crowe, B. L. (2000). Assessing the economic impact of telemedicine. *Disease Management & Health Outcomes*, 7, 187-192.

Hailey, D. (2001). Some successes and limitations with telehealth in Canada. *J Telemed. Telecare*, 7 Suppl 2, 73-75.

Hailey, D., Roine, R., & Ohinmaa, A. (2002). Systematic review of evidence for the benefits of telemedicine. *Journal of Telemedicine and Telecare*, 8(Suppl. 1): S1:1-7.

Hakansson, S. & Gavelin, C. (2000). What do we really know about the cost-effectiveness of telemedicine? *J Telemed. Telecare*, 6 Suppl 1, S133-S136.

Halvorsen, P. A. & Kristiansen, I. S. (1996). Radiology services for remote communities: cost minimisation study of telemedicine. *BMJ*, 312, 1333-1336.

Halvorsen, P.A., Kristiansen, I.S. (1997). Does teleradiography in primary health care reduce costs? An analysis based on utilization of radiographic examination in the municipality of Alta. *Tidsskr Nor Laegeforen*, 117(11), 1611-1615.

Hanson, E. J. & Clarke, A. (2000). Role of telematics in assisting family carers and frail older people at home. *Health and Social Care in the Community*, 8, 129-137.

Hauber, R. P., Jones, M. L., Temkin, A. J., & Vesmarovich, S. (1999). Extending the continuum of care after spinal cord injury through telerehabilitation. *Topics in Spinal Cord Injury Rehabilitation* 5[3], 11-20.

Hayes, R. P., Duffey, E. B., Dunbar, J., Wages, J. W., & Holbrook, S. E. (1998). Staff perceptions of emergency and home-care telemedicine. *J Telemed. Telecare*, 4, 101-107.

Hayes, W. S., Tohme, W. G., Komo, D., Dai, H., Persad, S. G., Benavides, A. et al. (1998). A telemedicine consultative service for the evaluation of patients with urolithiasis. *Urology*, 51, 39-43.

Health Canada (February 1999). *Canada Health Infoway: Paths to Better Health: Final Report*. Advisory Council on Health Infostructure. Health Canada, Ottawa.

Health Canada, First Nations and Inuit Health Branch (2001). *Community services in the 21st century: First nations and Inuit telehealth services*. National First Nations Telehealth Research Project HTF-NA402. Publications Health Canada, Ottawa, Canada.

Health Canada. National Forum on Health (1997). *Canada Health Action: Building on the Legacy* (Vols 1-4). Health Canada, Ottawa.

Health Canada (1998). *Tele-homecare consultation workshop*, 1-19.

Heather, R. (1994). Electronic House Calls. *American Demographics*, 6.

Heautot, J. F., Gibaud, B., Catroux, B., Thoreux, P. H., Cordonnier, E., Scarabin, J. M. et al. (1999). Influence of the teleradiology technology (N-ISDN and ATM) on the inter-hospital management of neurosurgical patients. *Med Inform.Internet.Med*, 24, 121-134.

Hegarty, K., Byrne, G., & Del Mar, C. (1996). A pilot study of computer-assisted screening for depression in the elderly in general practice. *Informatics in Healthcare Australia*, 5, 166-168.

Heidenreich, P. A., Ruggerio, C. M., & Massie, B. M. (1999). Effect of a home monitoring system on hospitalization and resource use for patients with heart failure. *American Heart Journal* Oct 138[4 pt 1], 633-640.

Hersh, W. R., Wallace, J., Patterson, P. K., & et al (2001). Telemedicine for the Medicare Population: Pediatric, obstetric and clinician-indirect home interventions. *Evid.Rep.Technol.Assess.(Suppl.)*, 24.

Hersh, W. R., Helfand, M., Wallace, J., Kraemer, D., Patterson, P., Shapiro, S. et al. (2001). Clinical outcomes resulting from telemedicine interventions: a systematic review. *BMC Medical Informatics and Decision Making*, 1, 1-9.

Horio, H., Murakami, M., Chiba, Y., & Inada, H. (1998). Fetal monitor for non-stress-test screening at home. *Biomedical Instrumentation & Technology*, 32, 39-47.

Hsiung, R. C. (2001). Suggested principles of professional ethics for the online provision of mental health services. *Medinfo.*, 10, 1296-1300.

Hui, E., Woo, J., Hjelm, M., Zhang, Y. T., & Tsui, H. T. (2001). Telemedicine: a pilot study in nursing home residents. *Gerontology*, 47, 82-87.

Hunkeler, E. M., Meresman, J. F., Hargreaves, W. A., Fireman, B., Berman, W. H., Kirsch, A. J. et al. (2000). Efficacy of nurse telehealth care and peer support in augmenting treatment of depression in primary care. *Arch.Fam.Med*, 9, 700-708.

Industry Canada (August 1995). *Final Report of The Information Highway Advisory Council*. Health Canada, Ottawa.

Infante-Rivard, C., Krieger, M., Petitclerc, M., & Baumgarten, M. (1988). A telephone support service to reduce medical care use among the elderly. *Journal of the American Geriatrics Society*, 36, 306-311.

James, L. C., Folen, R. A., & Earles, J. (2001). Behavioral telehealth applications in the treatment of obese soldiers: A feasibility project and a report on preliminary findings. *Military Psychology*, 13, 177-186.

Jennett, P. A., Hall, W. G., Morin, J. E., & Watanabe, M. (1995). Evaluation of a distance consulting service based on interactive video and integrated computerized technology. *J Telemed.Telecare*, 1, 69-78.

Jerant, A. F., Azari, R., & Nesbitt, T. S. (2001). Reducing the cost of frequent hospital admissions for congestive heart failure: a randomized trial of a home telecare intervention. *Med Care, 39*, 1234-1245.

Jin, C., Ishikawa, A., Sengoku, Y., & Ohyanagi, T. (2000). A telehealth project for supporting an isolated physiotherapist in a rural community of Hokkaido. *J Telemed.Telecare, 6 Suppl 2*, S35-S37.

Johnson, A., Gorman, M., Lewis, C., Baker, F., Coulehan, N., & Rader, J. (2001). Interactive videoconferencing improves nutrition intervention in a rural population. *Journal of the American Dietetic Association 101*[2], 173-174.

Johnson, M. A., Davis, P., McEwan, A. J., Jhangri, G. S., Warshawski, R., Gargum, A. et al. (1998). Preliminary findings from a teleultrasound study in Alberta. *Telemed.J, 4*, 267-276.

Johnson, P. & Andrews, D. C. (1996). Remote continuous physiological monitoring in the home. *J Telemed.Telecare, 2*, 107-113.

Johnson, R. J. (1998). The potential for Ontario region's health information system to facilitate case management, program planning, and evaluation and to promote enhanced First Nations' control of health services. *Int.J.Circumpolar.Health, 57 Suppl 1*, 671-674.

Johnston, B., Wheeler, L., Deuser, J., & Sousa, K. H. (2000). Outcomes of the Kaiser Permanente Tele-Home Health Research Project. *Arch.Fam.Med, 9*, 40-45.

Johnston, D. & Jones, B. N., III (2001). Telepsychiatry consultations to a rural nursing facility: a 2-year experience. *J Geriatr Psychiatry Neurol, 14*, 72-75.

Johnstone, H. M. (2000). *Quality outcomes of nursing tele-visits*. PhD George Mason University.

Jones III, B. N., Johnston, D., Reboussin, B., & McCall, W. V. (2001). Reliability of telepsychiatry assessments: Subjective versus observational ratings. *Journal of Geriatric Psychiatry & Neurology*, *14*, 66-71.

Jones, K., Gilbert, P., Little, J., & Wilkinson, K. (1998). Nurse triage for house call requests in a Tyneside general practice: Patients' views and effect on doctor workload. *British Journal of General Practice*, *48*, 1303-1306.

Jovell, A.J. & Navarro-Rubio, M.D. (1995). Evaluation of Scientific Evidence. *Medicina clinica (Barc)*, *105*(19), 740-743.

Jukic, D. M. & Bifulco, C. B. (1999). Telepathology and pathology at distance: an overview. *Croat.Med J*, *40*, 421-424.

Kallis, J. M., Gonzalez Del Rey, J. A., Ruddy, R. M., & Schubert, C. J. (1999). Linking emergency department patients to primary care: Phone vs face-to- face interaction. *Academic Emergency Medicine*, *6*, 817-822.

Kates, N., Crustolo, A. M., Nikolaou, L., Craven, M. A., & Farrar, S. (1997). Providing psychiatric backup to family physicians by telephone. *Can.J Psychiatry*, *42*, 955-959.

Kempe, A., Dempsey, C., Hegarty, T., Frei, N., Chandramouli, V., & Poole, S. R. (2000). Reducing after-hours referrals by an after-hours call center with second-level physician triage. *Pediatrics*, *106*, 226-230.

- Kinsella, A. (1998). Home telecare in the United States. *J Telemed.Telecare*, 4, 195-200.
- Kirby, M. (2002). *The Health of Canadians – The Federal Role*, Volumes 1-6. Ottawa, Standing Senate Committee on Social Affairs, Science and Technology.
- Kobza, L. & Scheurich, A. (2000). The impact of telemedicine on outcomes of chronic wounds in the home care setting. *Ostomy.Wound.Manage*, 46, 48-53.
- Kropf, N. P. & Grigsby, R. K. (1999). Telemedicine for older adults. *Home Health Care Serv Q*, 17, 1-11.
- Kummervold, P. (2001). Social support in a wired world - Use of online mental health forums in Norway. *Technology and Health Care*, 9, 329.
- Lamb, A., Eydmann, M., & Boddy, K. (1997). Remote maternity clinics. *British Journal of Healthcare Computing & Information Management*, 14, 22-24.
- Lambrecht, C. J., Canham, W. D., Gattey, P. H., & McKenzie, G. M. (1998). Telemedicine and orthopaedic care. A review of 2 years experience. *Clinical Orthopaedics and Related Research* 348, 228-232.
- Lange, T., Indelicato, D. J., & Rosen, J. M. (2000). Virtual reality in surgical training. *Surg.Oncol.Clin.N Am*, 9, 61-79, vii.
- Lapham, S. C., Henley, E., & Kleyboecker, K. (1993). Prenatal behavioral risk screening by computer among Native Americans. *Fam.Med.*, 25, 197-202.

Larsson, A., Nystrom, C., Vikstrom, S., Walfridsson, T., & Soderback, I. (1995). Computer-assistive cognitive rehabilitation for adults with traumatic brain damage: four case studies. *Occupational Therapy International*, 2, 166-189.

Lee, M. (1997). Telehealth in Canada : clinical networking, eliminating distances. In Ottawa: CANARIE Inc.

Lehmann, C. (2002). Management of point-of-care testing in home health care. *Clin.Leadersh.Manag.Rev.*, 16, 27-31.

Lehmann, K. J., Walz, M., Bolte, R., Georgi, M., Schinkmann, M., & Busch, C. (1997). Possible applications of the KAMEDIN teleradiology system with special reference to an economic analysis. *Radiologe*, 37, 278-284.

Lehoux, P., Battista, R. N., & Lance, J. M. (2000). Telehealth: passing fad or lasting benefits? *Can J Public Health*, 91, 277-280.

Lessing, K. & Blignault, I. (2001). Mental health telemedicine programmes in Australia. *J Telemed.Telecare*, 7, 317-323.

Liesenfeld, B., Renner, R., Neese, M., & Hepp, K. D. (2000). Telemedical care reduces hypoglycemias and improves glycemic control in children and adolescents with type 1 diabetes. *Diabetes Technol.Ther.*, 2, 561-567.

Lieu, T. A., Capra, A. M., Makol, J., Black, S. B., & Shinefield, H. R. (1998). Effectiveness and cost-effectiveness of letters, automated telephone messages, or both for underimmunized children in a health maintenance organization. *Pediatrics*, 101, E3.

LifeMasters (2001). Solid outcomes show e-health and chronically ill senior populations are compatible. *Dis Manag Advis*, 7, 103-6, 97.

Loane, M. W. R. (2001). A review of telehealth. *Medical Principals and Practice* 10[4], 163-170.

Lobley, D. (1997). The economics of telemedicine. *J Telemed.Telecare*, 3, 117-125.

Lyketsos, C. G., Roques, C., Hovanec, L., & Jones, B. N., III (2001). Telemedicine use and the reduction of psychiatric admissions from a long-term care facility. *J Geriatr Psychiatry Neurol*, 14, 76-79.

Lynch, D. J., Tamburrino, M. B., & Nagel, R. (1997). Telephone counseling for patients with minor depression: preliminary findings in a family practice setting. *J Fam.Pract.*, 44, 293-298.

Maass, M., Kosonen, M., & Kormanio, M. (2000). Transportation savings and medical benefits of a teleneuroradiological network. *J Telemed.Telecare*, 6, 142-146.

Macduff, C., West, B., & Harvey, S. (2001). Telemedicine in rural care. Part 2: assessing the wider issues. *Nursing Standard*, 15, 33-37.

Maclean, J. R., Brebner, J. A., & Norman, J. N. (1995). A review of Scottish telemedicine. *J Telemed.Telecare*, 1, 1-6.

Magnusson, L., Berthold, H., Chambers, M., Brito, L., Emery, D., & Daly, T. (1998). Using telematics with older people: the ACTION project. Assisting Carers using Telematics Interventions to meet Older persons' Needs. *Nurs.Stand.*, 13, 36-40.

Mahoney, D., Tennstedt, S., Friedman, R., & Heeren, T. (1999). An automated telephone system for monitoring the functional status of community-residing elders. *Gerontologist*, 39, 229-234.

Mahoney, D. M., Tarlow, B., Jones, R. N., Tennstedt, S., & Kasten, L. (2001). Factors affecting the use of a telephone-based intervention for caregivers of people with Alzheimer's disease. *J Telemed. Telecare*, 7, 139-148.

Mair, F., Wilkinson, M., Bonnar, S. A., Wootton, R., & Angus, R. M. (1999). The role telecare in the management of exacerbations of chronic obstructive pulmonary disease in the home. *Journal of Telemedicine & Telecare*, 5, 66-67.

Mair, F. & Whitten, P. (2000). Systematic review of studies of patient satisfaction with telemedicine. *BMJ*, 320, 1517-1520.

Mair, F., Whitten, P., May, C., & Doolittle, G. (2000). Patient's perceptions of a telemedicine specialty clinic. *Journal of Telemedicine & Telecare*, 6, 36-40.

Mair, F. S., Haycox, A., May, C., & Williams, T. (2000). A review of telemedicine cost-effectiveness studies. *J Telemed. Telecare*, 6 Suppl 1, S38-S40.

Malagodi, M. & Smith, S. (1999). Prospective role for telemedicine as a communication tool for rural rehabilitation practice. *Work*, 12, 245-259.

Malaysia, 2002a. <http://www.mycert.mimos.my/telemed-eng.html>. Last viewed 5 September 2002.

Malaysia, 2002b. <http://www.telehealth.com.my/policy01.html>. Last viewed 5 September 2002.

Malone, F. D., Athanassiou, A., Craig, S. D., Simpson, L. L., & D'Alton, M. E. (1998). Cost issues surrounding the use of computerized telemedicine for obstetric ultrasonography. *Ultrasound Obstet. Gynecol.*, *12*, 120-124.

Markson, L. J., Friedman, R. H., Jette, A. M., & Kazis, L. (1992). Computers as clinician extenders: monitoring chronic illness in elderly patients. *International Journal of Technology and Aging*, *5*, 153-165.

Massman, N.J., Dodge, J.D., Fortman, K.K., Schwartz, K.J., Solem, L.D. (1999). Burns follow-up: an innovative application of telemedicine. *Journal of Telemedicine & Telecare*, *5 Suppl 1*, S52-4.

Mathewson, C., Adkins, V. K., Lenyoun, M. A., Schmidt, A. M., & Jones, M. L. (1999). Using telemedicine in the treatment of pressure ulcers. *Ostomy Wound Management*, *45*, 58-62.

McCullough, A. (2001). Viability and effectiveness of teletherapy for pre-school children with special needs. *Int J Lang Commun Disord*, *36 suppl*, 321-326.

McGrew, K. B. & Quinn, C. A. (1997). Examining the effectiveness of telephone assessment and care planning for homecare services. *Generations*, *21*, 66-67.

McLario, D. J., Simon, H. K., Sullivan, K. M., & Parmer, E. M. (1998). Impact of changes in the Fever protocol on a nursing directed after-hours pediatric telephone advice service ... including commentary by McIntyre J. *Ambulatory Child Health*, *3*, 365-371.

Mead, M. O. & Richardson, W. S. (1997). Selecting and appraising studies for a systematic review. *Ann.Intern.Med*, 127, 531-537.

Mease, A., Whitlock, W.L., Brown, A., Moore, K., Pavliscsak, H., Dingbaum, A., Lacefield, D., Buker, K., Xenakis, S. (2000). Telemedicine improved diabetic management. *Military Medicine*, 165(8):579-584.

Mehta, A. R., Wakefield, D. S., Kienzle, M. G., & Scholz, T. D. (2001). Pediatric tele-echocardiography: evaluation of transmission modalities. *Telemed.J E Health*, 7, 17-25.

Menolascino, F. J. & Potter, J. F. (1989). Delivery of services in rural settings to the elderly mentally retarded-mentally ill. *International Journal of Aging and Human Development*, 28, 261-275.

Mielonen, M. L., Ohinmaa, A., Moring, J., & Isohanni, M. (2000). Psychiatric inpatient care planning via telemedicine. *J Telemed.Telecare*, 6, 152-157.

Miller, E. A. (2001). Telemedicine and doctor-patient communication: an analytical survey of the literature. *Journal of Telemedicine and Telecare*, 7, 1-17.

Milstein, R. (January 1999). *Telemedicine – Creating Virtual Certainty Out of Remote Possibilities*. Department of Human Services, State of Victoria, Australia.

Minister of Research, Science and Technology of Quebec, & Minister of Health and Social Services of Quebec (1999). *Telehealth and telemedicine in Quebec: current issues*. (Rep. No. I-81). Canada.

Mitchell, J. A. (2000). Increasing the cost-effectiveness of telemedicine by embracing e-health. *Journal of Telemedicine & Telecare*, 6, 16-19.

Mitchell, J.G., Disney, A.P. (1997). Clinical applications of renal telemedicine. *J Telemed Telecare*, 3(3), 158-162.

Moncrief, J.W. (1998). Telemedicine in the care of the end-stage renal disease patient. *Advances in Renal Replacement Therapy*, 5(4), 286-291.

Monrad Aas, I. H. (2002). Changes in the job situation due to telemedicine. *J Telemed. Telecare*, 8, 41-47.

Montani, C., Billaud, N., Tyrrell, J., Fluchaire, I., Malterre, C., Lauvernay, N. et al. (1997). Psychological impact of a remote psychometric consultation with hospitalized elderly people. *J Telemed. Telecare*, 3, 140-145.

Montgomery, A. A., Fahey, T., Peters, T. J., MacIntosh, C., & Sharp, D. J. (2000). Evaluation of computer based clinical decision support system and risk chart for management of hypertension in primary care: randomized controlled trial. *BMJ* 320[7236], 686-690.

Morlion, B., Knoop, C., Paiva, M., & Estenne, M. (2002). Internet-based home monitoring of pulmonary function after lung transplantation. *Am J Respir. Crit Care Med*, 165, 694-697.

Mulholland, H. C., Casey, F., Brown, D., Corrigan, N., Quinn, M., McCord, B. et al. (1999). Application of a low cost telemedicine link to the diagnosis of neonatal congenital heart defects by remote consultation. *Heart*, 82, 217-221.

Mun, S.K., Turner, J.W. (1999). Telemedicine: emerging e-medicine. *Ann Rev Biomed Eng, 1*, 589-610.

Naef, R. W., Perry, K. G., Jr., Magann, E. F., McLaughlin, B. N., Chauhan, S. P., & Morrison, J. C. (1998). Home blood pressure monitoring for pregnant patients with hypertension. *J Perinatol., 18*, 226-229.

Nakamoto, H., Hatta, M., Tanaka, A., Moriwaki, K., Oohama, K., Kagawa, K. et al. (2000). Telemedicine system for home automated peritoneal dialysis. *Adv Perit Dial, 16*, 191-194.

National Health Information Management Advisory Council (October 1997). *Health On Line - Report Into Health Information Management and Telemedicine*. Australian Government Publishing Service, Canberra, Australia.

National Health Information Management Advisory Council (2001). *Health Online: A Health Information Action Plan for Australia, 2nd Edition*. Australian Government Publishing Service, Canberra, Australia.

National Horizon Scanning Centre (2000). *New and Emerging Technology Briefing: Surgical Robots*.

Neafsey, P. J., Strickler, Z., Shellman, J., & Padula, A. T. (2001). Delivering health information about self-medication to older adults: use of touchscreen-equipped notebook computers. *J Gerontol.Nurs., 27*, 19-27.

Nesbitt, T. S., Hilty, D. M., Kuenneth, C. A., & Siefkin, A. (2000). Development of a telemedicine program. *Western Journal of Medicine*, 173, 169-174.

Noel, H. C. & Vogel, D. C. (2000). Resource costs and quality of life outcomes for homebound elderly using telemedicine integrated with nurse case management. *CareManagement*, 6, 22-31.

Noorani, H. Z. & Picot, J. (2001). *Assessment of videoconferencing in telehealth in Canada* Ottawa: Canadian Coordinating Office for Health Technology.

O'Neill, S. K., Denton, G. L., Brockway, P. D., Davidson, M., & Wallsten, D. (2000). *Demonstration of the usefulness of telehealth in providing enhanced primary health services to the northern, geographically remote communities of Trout Lake, Peerless Lake, and Red Earth Creek, Alberta*. Slave Lake, Alta.: Keeweenok Lakes Regional Health Authority No. 15.

Oakley, A., Rademaker, M., & Duffill, M. (2001). Teledermatology in the Waikato region of New Zealand. *J Telemed. Telecare*, 7 Suppl 2, 59-61.

Oakley, A. M., Kerr, P., Duffill, M., Rademaker, M., Fleischl, P., Bradford, N. et al. (2000). Patient cost-benefits of realtime teledermatology--a comparison of data from Northern Ireland and New Zealand. *J Telemed. Telecare*, 6, 97-101.

Office of Health and the Information Highway (January 2001). *Toward Electronic Health Records*. OHIH, Health Canada, Ottawa.

Ohinmaa, A., Hailey, D., and Roine, R. (1999). *The assessment of telemedicine: general principles and a systematic review*. Edmonton, AB, Alberta Heritage Foundation for Medical Research.

Ostbye, T. & Hurlen, P. (1997). The electronic house call. Consequences of telemedicine consultations for physicians, patients, and society. *Arch.Fam.Med*, 6, 266-271.

Otto, C. A. (1999). Telemedicine in the Canadian High Arctic and Other Remote Environments. *Proceedings of the 21st IEEE Engineering in Medicine and Biology Society Conference*, 2, 709.

Perry Britton, B., Keehner Engelke, M., Rains, D. B., & Mahmud, K. (2000). Measuring costs and quality of telehomecare. *Home Health Care Management & Practice*, 12, 27-32.

Persson, M., Mjorndal, T., Carlberg, B., Bohlin, J., & Lindholm, L. H. (2000). Evaluation of a computer-based decision support system for treatment of hypertension with drugs: retrospective, nonintervention testing of cost and guideline adherence. *J Intern Med*, 247, 87-93.

Phillips, V. L., Temkin, A. J., Vesmarovich, S. H., & Burns, R. (1998). A feasibility study of video-based home telecare for clients with spinal cord injuries. *J Telemed.Telecare*, 4, 219-223.

Phillips, V. L., Temkin, A., Vesmarovich, S., Burns, R., & Idleman, L. (1999). Using telehealth interventions to prevent pressure ulcers in newly injured spinal cord injury patients post-discharge. Results from a pilot study. *Int.J Technol.Assess.Health Care*, 15, 749-755.

- Phillips, V. L., Vesmarovich, S., Hauber, R., Wiggers, E., & Egner, A. (2001). Telehealth: reaching out to newly injured spinal cord patients. *Public Health Rep.*, *116 Suppl 1*, 94-102.
- Picot J, Heaton L, Robichaud S, et al. (June, 2001). *Qualitative Evaluation of a Tele-dialysis Pilot Project*. Presentation.
- Piette, J. D., Weinberger, M., & McPhee, S. J. (2000). The effect of automated calls with telephone nurse follow-up on patient-centered outcomes of diabetes care: a randomized, controlled trial. *Med Care*, *38*, 218-230.
- Piette, J. D., Weinberger, M., Kraemer, F. B., & McPhee, S. J. (2001). Impact of automated calls with nurse follow-up on diabetes treatment outcomes in a Department of Veterans Affairs Health Care System: a randomized controlled trial. *Diabetes Care*, *24*, 202-208.
- Pilon, J. A. (1989). Telemedical imaging--the diagnostic imaging department's perspective. *Can.J Med Radiat.Technol.*, *20*, 155-165.
- Poon, W. S., Leung, C. H., Lam, M. K., Wai, S., Ng, C. P., & Kwok, S. (2001). The comparative impact of video-consultation on neurosurgical health services. *Int.J Med Inf.*, *62*, 175-180.
- Popescu, V., Burdea, G., Bouzit, M., Girone, M., & Hentz, V. (1999). PC-based telerehabilitation system with force feedback. *Stud.Health Technol Inform.*, *62*, 261-267.
- Premier's Advisory Council on Health for Alberta (2002). *A framework for reform* (Mazankowski Report). Edmonton, Premier's Advisory Council.

Preston, J., Brown, F. W., & Hartley, B. (1992). Using telemedicine to improve health care in distant areas. *Hosp.Community Psychiatry, 43*, 25-32.

Pringle Specht, J. K., Wakefield, B., & Flanagan, J. (2001). Evaluating the cost of one telehealth application connecting an acute and long-term care setting. *J Gerontol.Nurs, 27*, 34-39.

Pullum, J. D., Sanddal, N. D., & Obbink, K. (1999). Training for rural prehospital providers: a retrospective analysis from Montana. *Prehosp.Emerg Care, 3*, 231-238.

Puskin, D.S., Kumekawa, J.K. (Eds.) (January, 2001) *Telemedicine Report to Congress*. Office for the Advancement of Telehealth, Health Resources and Services Administration, U.S. Department of Health and Human Services.

Reid, J. (1996). *A telemedicine primer: understanding the issues*. Billings, MT.: Innovative Medical Communications.

Rendina, M. C., Long, W. A., & deBliiek, R. (1997). Effect size and experimental power analysis in a paediatric cardiology telemedicine system. *J Telemed.Telecare, 3 Suppl 1*, 56-57.

Rendina, M. C. (1998). The effect of telemedicine on neonatal intensive care unit length of stay in very low birthweight infants. *Proc.AMIA.Symp.*, 111-115.

Rendina, M. C., Bose, C. L., Gallaher, K. J., Long, W. A., Ciszek, T. A., Baush, C. M. et al. (1998). The effect of a neonatal telecardiology system on respiratory therapy in very low birthweight infants. *Medinfo., 9 Pt 1*, 298-301.

Rendina, M. C., Downs, S. M., Carasco, N., Loonsk, J., & Bose, C. L. (1998). Effect of telemedicine on health outcomes in 87 infants requiring neonatal intensive care. *Telemed.J*, 4, 345-351.

Rendina, M. C., Carrasco, N., Wood, B., Cameron, A., & Bose, C. (2001). A logic model for the effect of telecardiology on acute newborn transfers. *Int J Technol Assess.Health Care*, 17, 244-249.

Ricketts, T. C. (2000). The changing nature of rural health care. *Annu.Rev.Public Health*, 21, 639-657.

Riegel, B., Carlson, B., Kopp, Z., LePetri, B., Glaser, D., & Unger, A. (2002). Effect of a standardized nurse case-management telephone intervention on resource use in patients with chronic heart failure. *Arch Intern Med* 162[6], 705-712.

Riva, G. & Gamberini, L. (2000). Virtual reality as telemedicine tool: Technology, ergonomics and actual applications. *Technology & Health Care*, 8, 113-127.

Roberts, R. & Rigby, M. (1998). The need for a holistic view of telemedicine, focused on patients and society as prime stakeholders. *Medinfo.*, 9 Pt 2, 1204-1208.

Rogers, M. A., Small, D., Buchan, D. A., Butch, C. A., Stewart, C. M., Krenzer, B. E. et al. (2001). Home monitoring service improves mean arterial pressure in patients with essential hypertension. A randomized, controlled trial. *Ann.Intern.Med*, 134, 1024-1032.

Rohland, B. M. (2001). Telepsychiatry in the heartland: if we build it, will they come? *Community Ment.Health J*, 37, 449-459.

Roine, R., Ohinmaa, A., & Hailey, D. (2001). Assessing telemedicine: a systematic review of the literature. *CMAJ, 165*, 765-771.

Romanow, R.J., Commission on the Future of Health Care in Canada (2002). *Building on Value: The Future of Health Care in Canada – Final Report*. Ottawa, Canadian Government Publishing, Communication Canada.

Rooney, E. M., Studenski, S. A., Roman, L. L., & Tangalos, E. G. (1997). A model for nurse case-managed home care using televideo. *Journal of the American Geriatrics Society, 45*, 1523-1528+1533.

Roush, R. E. & Teasdale, T. A. (1997). Reduced hospitalization rates of two sets of community-residing older adults after use of a personal response system. *Journal of Applied Gerontology, 16*, 355-366.

Ruggiero, C., Sacile, R., & Giacomini, M. (1999). Home telecare. *J Telemed.Telecare, 5*, 11-17.

Sable, C., Roca, T., Gold, J., Gutierrez, A., Gulotta, E., & Culpepper, W. (1999). Live transmission of neonatal echocardiograms from underserved areas: accuracy, patient care, and cost. *Telemed.J, 5*, 339-347.

Sable, C., Cummings, S., Pearson, G., Schratz, L., Cross, R., Quivers, E. et al. (2002). Impact of telemedicine on the practice of pediatric cardiology in community hospitals. *Pediatrics, 109*(1), e3.

Sanz, F., Silveira, C., Alonso, A., Diaz, C., Loza, M. I., Cordero, L. et al. (1999). Telematics applications to support the role of the community pharmacists as self-medication advisors. TESEMED Consortium. *Stud.Health Technol Inform.*, 68, 764-767.

Scalvini, S., Zanelli, E., Domenighini, D., Massarelli, G., Zampini, P., Giordano, A. et al. (1999). Telecardiology community: a new approach to take care of cardiac patients. "Boario Home-Care" Investigators. *Cardiologia*, 44, 921-924.

Schiffman, J. S. & Tang, R. A. (2000). Telemedicine consultation in ophthalmology: extending your ophthalmic expertise and your practice. *Ophthalmology Clinics of North America*, 13, 197-212.

Schiller, A. E., Bondmass, M., & Avitall, B. (1997). Technology-based home care for disease management. *Remington Report*, 5, 8-12.

Schinke, S. P., Moncher, M. S., & Singer, B. R. (1994). Native American youths and cancer risk reduction. Effects of software intervention. *J.Adolesc.Health*, 15, 105-110.

Schlag, P. M., Moesta, K. T., Rakovsky, S., & Grasczew, G. (1999). Telemedicine: the new must for surgery. *Arch Surg*, 134, 1216-1221.

Scholz, T. D. & Kienzle, M. G. (1999). Optimizing utilization of pediatric echocardiography and implications for telemedicine. *Am J Cardiol.*, 83, 1645-1648.

Schopp, L., Johnstone, B., & Merrell, D. (2000). Telehealth and neuropsychological assessment: New opportunities for psychologists. *Professional Psychology - Research & Practice*, 31, 179-183.

Schopp, L. H., Johnstone, B. R., & Merveille, O. C. (2000). Multidimensional telecare strategies for rural residents with brain injury. *Journal of Telemedicine and Telecare*, 6, 146-149.

Scott, R.E., Chowdhury, M.F.U., and Varghese, S. (2002). Telehealth policy: Looking for global complementarity. *J Telemed Telecare*, 8(Suppl. 3), S3:55-57.

Shah, N. B., Der, E., Ruggerio, C., Heidenreich, P. A., & Massie, B. M. (1998). Prevention of hospitalizations for heart failure with an interactive home monitoring program. *American Heart Journal*, 135, 373-378.

Shea, S., Starren, J., Weinstock, R. S., Knudson, P. E., Teresi, J., Holmes, D. et al. (2002). Columbia University's Informatics for Diabetes Education and Telemedicine (IDEATel) Project: rationale and design. *J Am Med Inform. Assoc.*, 9, 49-62.

Simon, G. E., VonKorff, M., Rutter, C., & Wagner, E. (2000). Randomised trial of monitoring, feedback, and management of care by telephone to improve treatment of depression in primary care. *BMJ*, 320, 550-554.

Simpson, J., Doze, S., Urness, D., Hailey, D., & Jacobs, P. (2001). Telepsychiatry as a routine service--the perspective of the patient. *J Telemed. Telecare*, 7, 155-160.

Sinha, A. (2000). An overview of telemedicine: the virtual gaze of health care in the next century. *Med Anthropol.Q.*, 14, 291-309.

Smith, A. C., Isles, A., McCrossin, R., Van der, W. J., Williams, M., Woollett, H. et al. (2001). The point-of-referral barrier--a factor in the success of telehealth. *J Telemed.Telecare*, 7 Suppl 2, 75-78.

Sparks, K. E., Shaw, D. K., Eddy, D., Hanigosky, P., & Vantrese, J. (1993). Alternatives for cardiac rehabilitation patients unable to return to a hospital-based program. *Heart & Lung: Journal of Critical Care*, 22, 298-303.

Spencer, J. A., Dobson, D., Hoare, M., Molyneux, A. J., & Anslow, P. L. (1991). The use of a computerized image transfer system linking a regional neuroradiology centre to its district hospitals. *Clinical Radiology* 44, 342-344.

Squires, R. W., Miller, T. D., Harn, T., Micheels, T. A., & Palma, T. A. (1991). Transtelephonic electrocardiographic monitoring of cardiac rehabilitation exercise sessions in coronary artery disease. *American Journal of Cardiology*, 67, 962-964.

Srikanthan, V. S., Pell, A. C. H., Prasad, N., Tait, G. W., Rae, A. P., Hogg, K. J. et al. (1997). Use of fax facility improves decision making regarding thrombolysis in acute myocardial infraction. *Heart*, 78, 198-200.

Starren, J., Hripesak, G., Sengupta, S., Abbruscato, C. R., Knudson, P. E., Weinstock, R. S. et al. (2002). Columbia University's Informatics for Diabetes Education and Telemedicine (IDEATel) project: technical implementation. *J Am Med Inform.Assoc.*, 9, 25-36.

Stebbins, R.A. (2001). *Exploratory Research in the Social Sciences*. Thousand Oaks: Sage Publications.

- Steckel, R. J., Batra, P., Johnson, S. L., Zucker, M., Mao, J. T., Sayre, J. et al. (2000). Home teleconsultations with faculty subspecialists on chest images from an intensive care unit. *Emergency Radiology*, 7, 206-211.
- Stern, H., Jeaco, S., & Millar, T. (1999). Computers in neurorehabilitation: what role do they play? Part 1. *British Journal of Occupational Therapy*, 62, 549-553.
- Stewart, S., Vandebroek, A.J., Pearson, S., Horowitz, J.D. (1999). Prolonged beneficial effects of a home-based intervention on unplanned readmissions and mortality among patients with congestive heart failure. *Archives of Internal Medicine* 159[3], 257-261.
- Stiles, N., Boosalis, M., Thompson, K., Stinnett, D., & Rayens, M. K. (1998). Nutrition telemedicine consultation for rural elders. *Journal of Nutrition for the Elderly*, 18, 47-55.
- Stoeger, A., Strohmayer, W., Giacomuzzi, S. M., Dessl, A., Buchberger, W., & Jaschke, W. (1997). A cost analysis of an emergency computerized tomography teleradiology system. *J Telemed. Telecare*, 3, 35-39.
- Strawn, B. D., Hester, S., & Brown, W. S. (1998). Telecare: a social support intervention for family caregivers of dementia victims. *Clinical Gerontologist*, 18, 66-69.
- Stroetmann, K.A., Gruetzmacher, P., Stroetmann, V.N. (2000). Improving quality of life for dialysis patients through telecare. *J Telemed Telecare*, 6 Suppl, S80-S83.
- Subirana Serrate, R., Ferrer-Roca, O., & Gonzalez-Davila, E. (2001). A cost-minimization analysis of oncology home care versus hospital care. *Journal of Telemedicine and Telecare*, 7[4], 226-232.

- Swanson, B. (1999). Information technology and under-served communities. *J Telemed.Telecare*, 5 Suppl 2, S3-10.
- Swingler, G. H. & Zwarenstein, M. (2000). Telephone follow-up in a randomized controlled trial in a less developed country: Feasibility, validity and representativeness. *Journal of Clinical Epidemiology*, 53, 331-334.
- Swinson, R. P., Fergus, K. D., Cox, B. J., & Wickwire, K. (1995). Efficacy of telephone-administered behavioral therapy for panic disorder with agoraphobia. *Behaviour Research & Therapy*, 33, 465-469.
- Tang, P. (2000). *Telecare: new ideas for care and support @ home* (Rep. No. Policy Paper). University of Bristol: Policy Press.
- Tang, P. & Venables, T. (2000). 'Smart' homes and telecare for independent living. *J Telemed.Telecare*, 6, 8-14.
- Tang, W. K., Chiu, H., Woo, J., Hjelm, M., & Hui, E. (2001). Telepsychiatry in psychogeriatric service: a pilot study. *Int J Geriatr Psychiatry*, 16, 88-93.
- Taylor, D. H. (1999). Do targeted efforts for the rural underserved help kill comprehensive reform? *Journal of Rural Health* 15[1], 55-60.
- Taylor, P. (1998). A survey of research in telemedicine. 1: Telemedicine systems. *J Telemed.Telecare*, 4, 1-17.
- Taylor, P. (1998). A survey of research in telemedicine. 2: Telemedicine services. *J Telemed.Telecare*, 4, 63-71.

TELEPLANS WP4 Report - National Policies and Strategies.

http://biomant.die.unina.it/teleplans_doc/WP4_Index.htm. Last Viewed 5 September 2002.

Teslow, T. N., Gilbert, R. A., Grant, W. H., III, Woo, S. Y., Butler, E. B., & Liem, J. H. (1995). A teleradiology case conference system. *Journal of Telemedicine & Telecare*, 1, 95-99.

Thome, M. & Alder, B. (1999). A telephone intervention to reduce fatigue and symptom distress in mothers with difficult infants in the community. *Journal of Advanced Nursing*, 29, 128-137.

Thrall, J. H. & Boland, G. (1998). Telemedicine in practice. *Semin Nucl Med*, 28, 145-157.

Tikhonov, C. (1998). *Tele-homecare : an overview, background paper for discussion*. Ottawa: Canada-Office-of-Health-and-the-Information-Highway.

Tohme, W.G., Winchester, J.F., Collmann, J., Johnson, A.E., Khanafer, N., Meissner, M.C. et al. (1997). Remote management of haemodialysis patients: Design and implementation of a telemedicine network. *Minimally Invasive Therapy*, 6(5-6), 421-428.

Townsend, C. H., Maxwell, W., & Sears, L. T. (2001). Nurse practitioner patient centered telephone calls in a VA primary care geriatric clinic. *Journal of the American Academy of Nurse Practitioners*, 13, 269-275.

Trauth, E. (2001). *Qualitative Research in IS: Issues and Trends*. Hershey: Idea Group Publishing.

Trott, P. & Blignault, I. (1998). Cost evaluation of a telepsychiatry service in northern Queensland. *J Telemed.Telecare*, 4 Suppl 1, 66-68.

Tsang, M. W., Mok, M., Kam, G., Jung, M., Tang, A., Chan, U. et al. (2001). Improvement in diabetes control with a monitoring system based on a hand-held, touch-screen electronic diary. *J Telemed.Telecare*, 7, 47-50.

Tsilimigaki, A., Maraka, S., Tsekoura, T., Agelakou, V., Vekiou, A., Paphitis, C. et al. (2001). Eighteen months' experience with remote diagnosis, management and education in congenital heart disease. *J Telemed.Telecare*, 7, 239-243.

Tually, P., Parrish, F., Walker, J. (1999). Nuclear medicine teleradiology in regional and rural centres of Western Australia. *J Telemed Telecare*, 5 Suppl 1, S47-S50.

Tually, P., Walker, J., & Cowell, S. (2001). The effect of nuclear medicine teleradiology on diagnostic pathways and management in rural and remote regions of Western Australia. *J Telemed.Telecare*, 7 Suppl 2, 50-53.

Vassallo, D. J., Hoque, F., Roberts, M. F., Patterson, V., Swinfen, P., & Swinfen, R. (2001). An evaluation of the first year's experience with a low-cost telemedicine link in Bangladesh. *J Telemed.Telecare*, 7, 125-138.

Vesmarovich, S., Walker, T., Hauber, R. P., Temkin, A., & Burns, R. (1999). Use of telerehabilitation to manage pressure ulcers in persons with spinal cord injuries. *Adv Wound.Care*, 12, 264-269.

Vincent, J. A., Cavitt, D. L., & Karpawich, P. P. (1997). Diagnostic and cost effectiveness of telemonitoring the pediatric pacemaker patient. *Pediatr. Cardiol.*, *18*, 86-90.

Wagner, M. M. & Hogan, W. R. (1996). The accuracy of medication data in an outpatient electronic medical record. *J Am Med Inform. Assoc.*, *3*, 234-244.

Walz, M., Bolte, R., Lehmann, K.J., Lutgemeier, J., Georgi, M. (1999). Economic analysis of teleradiology applications with KAMEDIN. *Stud Health Technol Inform*, *64*, 208-216.

Wasson, J., Gaudette, C., Whaley, F., Sauvigne, A., Baribeau, P., & Welch, H. G. (1992). Telephone care as a substitute for routine clinic follow-up. *JAMA*, *267*, 1788-1793.

Watanabe, M., Jennett, P., Watson, M. (1999). The effect of information technology on the physician workforce and health care in isolated communities: the Canadian picture. *J Telemed Telecare*, *5 Suppl 2*, S11-S19.

Weinberg, D. S. (1996). How is telepathology being used to improve patient care? *Clin. Chem.*, *42*, 831-835.

Weinberger, M., Nagle, B., Hanlon, J. T., Samsa, G. P., Schmader, K., Landsman, P. B. et al. (1994). Assessing health-related quality of life in elderly outpatients: Telephone versus face-to-face administration. *Journal of the American Geriatrics Society*, *42*, 1295-1299.

Weisgrau, S. (1995). Issues in rural health: access, hospitals, and reform. *Health Care Financ. Rev.*, *17*, 1-14.

Welch, H. G., Johnson, D. J., & Edson, R. (2000). Telephone care as an adjunct to routine medical follow-up. A negative randomized trial. *Eff.Clin.Pract.*, 3, 123-130.

Wheeler, T. (1998). Strategies for delivering tele-home care: Provider profiles. *Telemedicine Today* Aug 6[4], 37-40.

Whitlock, W. L., Brown, A., Moore, K., Pavliscsak, H., Dingbaum, A., Lacefield, D. et al. (2000). Telemedicine improved diabetic management. *Mil.Med.*, 165, 579-584.

Whitten, P., Mair, F., & Collins, B. (1997). Home telenursing in Kansas: patients' perceptions of uses and benefits. *J Telemed.Telecare*, 3 Suppl 1, 67-69.

Whitten, P., Kingsley, C., Cook, D., Swirczynski, D., & Doolittle, G. (2001). School-based telehealth: an empirical analysis of teacher, nurse, and administrator perceptions. *J Sch Health*, 71, 173-179.

Whitten, P. (2002). Systematic review of cost effectiveness studies of telemedicine interventions. *BMJ* 324, 1434-1437.

Williams, G., Doughty, K., & Bradley, D. A. (2000). Safety and risk issues in using telecare. *J Telemed.Telecare*, 6, 249-262.

Williams, T. L., May, C. R., & Esmail, A. (2001). Limitations of patient satisfaction studies in telehealthcare: a systematic review of the literature. *Telemed.J E Health*, 7, 293-316.

Wilson, L. S., Gill, R. W., Sharp, I. F., Joseph, J., Heitmann, S. A., Chen, C. F. et al. (2000). Building the hospital without walls - A CSIRO home telecare initiative. *Telemedicine Journal*, 6, 275-281.

Wong, R. W. (2002). *Sharing the learning: the health transition fund. Synthesis series.* (Rep. No. I-30).

Woods, K. F., Johnson, J. A., Kutlar, A., Daitch, L., & Stachura, M. E. (2000). Sickle cell disease telemedicine network for rural outreach. *J Telemed. Telecare, 6*, 285-290.

Wootton, R., Loane, M., Mair, F., Moutray, M., Harrisson, S., Sivananthan, S. et al. (1998). The potential for telemedicine in home nursing. *J Telemed. Telecare, 4*, 214-218.

Wootton, R., Loane, M., Mair, F., Allen, A., Doolittle, G., Begley, M. et al. (1998). A joint US-UK study of home telenursing. *J Telemed. Telecare, 4 Suppl 1*, 83-85.

Wootton, R. (2001). Telemedicine and developing countries--successful implementation will require a shared approach. *J Telemed. Telecare, 7 Suppl 1*, 1-6.

Zelickson, B. D. & Homan, L. (1997). Teledermatology in the nursing home. *Arch. Dermatol., 133*, 171-174.

Zhang, Y., Bai, J., Zhou, X., Dai, B., Cui, Z., Lin, J. et al. (1997). First trial of home ECG and blood pressure telemonitoring system in Macau. *Telemed. J, 3*, 67-72.

Zwolan, T. A., Connor, C. M., & Kileny, P. R. (2000). Evaluation of the Foundations in Speech Perception software as a hearing rehabilitation tool for use at home. *Journal of the Academy of Rehabilitative Audiology, 33*, 39-51.