

References

- Adams, P.F., and M.A. Marano. 1995. *Vital and Health Statistics: Current Estimates from the National Health Interview Survey, 1994*. National Center for Health Statistics. 10(193).
- AHCPR. 1996. "National Statistics by Diagnosis-Related Group: HCUP-3 Nationwide Inpatient Sample for 1992 Hospital Inpatient Stays." <<http://www.ahcpr.gov:80/data/drgtab.htm>>.
- American Diabetes Association (ADA). 1996. Fact sheet posted at www.diabetes.org/ada/czof.html.
- American Heart Association (AHA). 1996. Heart & Stroke A-Z Guide. <<http://www.amhrt.org/heartg/heartsxplant.html>>.
- Bass, Frank M. 1969. "A New Product Growth Model for Consumer Durables." *Management Science* 15(5):215-227.
- Beath, John, Yannis Katsoulacos, and David Ulph. 1989. "Strategic R&D Policy." *Economic Journal Supplement* 99:74-83.
- Binswanger, Hans P. 1978. "The Microeconomics of Induced Technical Change." In *Induced Innovation*, Hans P. Binswanger and Vernon Ruttan, eds. Baltimore, MD: Johns Hopkins University Press.
- Boogaerts, M.A., and H. Demuynck. 1994. "The Changing Face of Stem Cell Transplantation by the Use of Recombinant Human Granulocyte Colony Stimulating Factor." *European Journal of Cancer* 30A Suppl 3:S34-9.

- Böstman, O.M. 1994. "Economic Considerations on Avoiding Implant Removals After Fracture Fixation by Using Absorbable Devices." *Scandinavian Journal of Social Medicine* 22(1):41-5.
- Böstman, O.M. 1996. "Metallic or Absorbable Fracture Fixation Devices." *Clinical Orthopaedics and Related Research* 329:233-239.
- Buccheri, Gianfranco, and Domenico Ferrigno. 1995. "The Tissue Polypeptide Antigen Serum Test in the Preoperative Evaluation of Non-Small Cell Lung Cancer." *Chest* 107(2):471-476.
- Burckhardt, C.S., S.R. Clark, and R.M. Bennett. 1993. "Fibromyalgia and Quality of Life: A Comparative Analysis." *Journal of Rheumatology* 20(3):475-479.
- Burrill, G. Steven, and Kenneth B. Lee, Jr. 1992. *Biotech 93 Accelerating Commercialization: An Industry Annual Report*. San Francisco, CA: Ernst & Young.
- Champlin, R.E. 1996. "Peripheral Blood Progenitor Cells: A Replacement for Marrow Transplantation?" *Seminars in Oncology* 23(2) (Suppl 4):15-21.
- Committee for Evaluating Medical Technologies in Clinical Use. 1985. *Assessing Medical Technologies*. Washington, DC: National Academy Press.
- Cutler, David M., Mark McClellan, Joseph P. Newhouse, and Dahlia Remler. September 1996. "Are Medical Prices Declining?" Cambridge: National Bureau of Economic Research. Working Paper Series. Paper 5750.
- Daly, Edel, Alastair Gray, David Barlow, Klim McPherson, Monica Roche, and Martin Vessey. 1993. "Measuring the Impact of Menopausal Symptoms on Quality of Life." *British Medical Journal* 307:836-840.
- Diabetes Control and Complications Trial Research Group (DCCTRG). 1995. "Resource Utilization and Costs of Care in the Diabetes Control and Complications Trial." *Diabetes Care* 18(11):361-376.
- Diabetes Control and Complications Trial Research Group (DCCTRG). 1996. "Lifetime Benefits and Costs of Intense Therapy as Practiced in the Diabetes Control and Complications Trial." *Journal of the American Medical Association* 276(17):1409-1415.

- Diabetes Control and Complications Trial Research Group (DCCTRG). 1993. "The Effect of Intensive Treatment of Diabetes on the Development and Progression of Long-Term Complications in Insulin-Dependent Diabetes Mellitus." *New England Journal of Medicine* 18:1468-1478.
- Eastman, R.C., R. Silverman, M. Harris, J. Javitt, Y.P. Chiang, and P. Gorden. 1993. "Lessening the Burden of Diabetes: Intervention Strategies." *Diabetes Care* 16(8):1095-1101.
- Evans, R.W. 1993. "Organ Transplantation and the Inevitable Debate as to What Constitutes a Basic Health Care Benefit." *Clinical Transplants* p. 359-91.
- Faucher, C. A.G. le Corroller, D. Blaise, G. Novakovitch, P. Manonni, J.P. Moatti, and D. Maraninchi. 1994. "Comparison of G-CSF-Primed Peripheral Blood Progenitor Cells and Bone Marrow Auto Transplantation: Clinical Assessment and Cost-Effectiveness." *Bone Marrow Transplantation* 14(6):895-901.
- Fisher, Ann, Dan Violette, and Lauraine Chestnut. 1989. "The Value of Reducing Risks of Death: A Note on New Evidence." *Journal of Policy Analysis and Management* 8(1):88-100.
- Fourt, L.A., and J.W. Woodlock. 1960. "Easy Prediction of Market Success for New Grocery Products." *Journal of Marketing* 25(October):31-38.
- Gold, Marthe R., Joanna E. Siegel, Louise B. Russell, and Milton C. Weinstein. 1996. *Cost-Effectiveness in Health and Medicine*. New York: Oxford University Press.
- Griliches, Zvi, Ariel Pakes, and Bronwyn H. Hall. 1987. "The Value of Patents as Indicators of Inventive Activity." In *Economic Policy and Technological Performance*, Partha Dasgupta and Paul Stoneman, eds. Cambridge: Cambridge University Press.
- Haddix, Anne C., Steven M. Teutsch, Phaedra A. Shaffer, and Diane O. Duñet (eds.). 1996. *Prevention Effectiveness: A Guide to Decision Analysis and Economic Evaluation*. New York: Oxford University Press.

- Harner, Christopher D., Eric Olson, James J. Irrgang, Scott Silverstein, Freddie H. Fu, and Mark Silbey. 1996. "Allograft Versus Autograft Anterior Cruciate Ligament Reconstruction." *Clinical Orthopaedics and Related Research* 324:134-144.
- Hillner, B.E., T.J. Smith, and C.E. Desch. 1993. "Principles of Cost-Effectiveness Analysis for the Assessment of Current and New Therapies." *Journal of Hematotherapy* 2(4):501-6.
- Hurst, N.P., P. Jobanputra, M. Hunter, M. Lambert, A. Lochhead, and H. Brown. 1994. "Validity of Euroqol—A Generic Health Status Instrument—In Patients with Rheumatoid Arthritis." *British Journal of Rheumatology* 33:655-662.
- International Bone Marrow Transplant (IBMT). 1997. <http://www.biostat.mcw.edu/IBMTR/gifs/GEN95_1.GIF>.
- Jackson, Douglas W., John Corsetti, and Timothy M. Simon. 1996. "Biologic Incorporation of Allograft Anterior Cruciate Ligament Replacements." *Clinical Orthopaedics and Related Research* 324:126-133.
- Kosary, C.L., L.A.G. Ries, B.A. Miller, B.F. Hankey, A. Harras, and B.K. Edwards (eds.). 1995. *SEER Cancer Statistics Review, 1973-1992: Tables and Graphs*. NIH Publication No. 96-2789. Bethesda, MD: National Institutes of Health, National Cancer Institute.
- Lee, Kenneth B., Jr., and G. Steven Burrill. 1996. *Biotech 96 Pursuing Sustainability: The Tenth Industry Annual Report*. San Francisco, CA: Ernst & Young.
- Lee, Tom, and Louis Wilde. 1980. "Market Structure and Innovation: A Reformulation." *Quarterly Journal of Economics* 94:429-036.
- Levin, L.S. and D.P. Condit. 1996. "Combined Injuries—Soft Tissue Management." *Orthopaedics and Related Research* (327):172-81.
- Lipscomb, J., M.C. Weinstein, and G.W. Torrance. 1996. "Time Preference." In *Cost-Effectiveness in Health and Medicine*, Marthe R. Gold, Joanna E. Siegel, Louise B. Russell, and Milton C. Weinstein, eds., pp. 214-246. New York: Oxford University Press.
- Loury, Glenn C. 1979. "Market Structure and Innovation." *Quarterly Journal of Economics* 93:395-410.

- Mahajan, Vijay and Robert A. Peterson. 1985. "Models for Innovation Diffusion." Sage University Paper Series on Quantitative Applications in the Social Sciences, 07-048. Beverly Hills and London: Sage Publications.
- Mansfield, Edwin. 1961. "Technical Change and the Rate of Imitation." *Econometrica* 29(October):741-766.
- Mansfield, Edwin. January 1996. "Estimating Social and Private Returns from Innovations Based on the Advanced Technology Program: Problems and Opportunities." Prepared for the Advanced Technology Program, National Institute of Standards and Technology, U.S. Department of Commerce.
- Marks, P.H., and Banerjee J. Mohtadi. 1996. "Comparison of Outcome Measures Including the Quality of Life Questionnaire for Chronic ACL Deficiency." Paper presented at the ACL Working Group Meeting, Nevis, West Indies, April 27, 1996.
- Mauskopf, Josephine A., and Michael T. French. 1991. "Estimating the Value of Avoiding Morbidity and Mortality from Foodborne Illnesses." *Risk Analysis* 11(4):619-631.
- Mehta, Sanjay M., Thomas X. Aufiero, Walter E. Pae, Jr., Cynthia A. Miller, and William S. Pierce. 1995. "Mechanical Ventricular Assistance: An Economical and Effective Means of Treating End-Stage Heart Disease." *Annual Thoracic Surgery* 60:284-291.
- Mohtadi, N.G.H. 1993. "Quality of Life Assessment as an Outcome in Anterior Cruciate Ligament Reconstructive Surgery." In *The Anterior Cruciate Ligament: Current and Future Concepts*, Douglas W. Jackson, ed., pp. 439-444. New York: Raven Press.
- Moore, Michael J., and W. Kip Viscusi. 1988a. "Doubling the Estimated Value of Life: Results Using New Occupational Fatality Data." *Journal of Policy Analysis and Management* 7(3):476-490.
- Moore, Michael J., and W. Kip Viscusi. 1988b. "The Quantity-Adjusted Value of Life." *Economic Inquiry* 26(3):369-388.
- National Hospital Discharge Survey. 1994. National Statistics by Diagnosis-Related Group: HCUP-3 Nationwide Inpatient Sample for 1992 Hospital Inpatient Stays.
<<http://www.ahcpr.gov:80/data/drgtab.htm>>

- National Institute of Standards and Technology (NIST). February 1997. *ATP Focused Program Competition 97-07: Tissue Engineering*. Gaithersburg: National Institute of Standards and Technology.
- National Science Foundation (NSF). 1996. <<http://www.nsf.gov/sbe/srs/natpat96.htm#four>>. Table C-33.
- O'Brien B., and J.L. Viramontes. 1994. "Willingness to Pay: A Valid and Reliable Measure of Health State Preference?" *Medical Decision Making* 14(3):289-297.
- Powell, Jeanne W. September 1996. *The ATP's Business Reporting System: A Tool for Economic Evaluation*. Gaithersburg, MD.: U.S. Department of Commerce, National Institute of Standards and Technology.
- Ray, N.F., M. Thamer, T. Tayler, S.N. Fehrenbach, and R. Ratner. 1996. "Hospitalization and Expenditures for the Treatment of General Medical Conditions Among the U.S. Diabetic Population in 1991." *Journal of Clinical Endocrinology and Metabolism* 81(10):3671-3679.
- Reinganum, Jennifer F. 1989. "The Timing of Innovation: Research, Development, and Diffusion." In *Handbook of Industrial Organization*, Richard Schmalensee and Robert D. Willig, eds., pp. 849-908. New York, NY: Elsevier Science Publishing Co., Inc.
- Rokkanen, P., O. Bostman, S. Vainionpaa, E.A. Makela, E. Hirvensalo, E.K. Partio, K. Vihtonen, H. Patiala, and P. Tormala. 1996. "Absorbable Devices in the Fixation of Fractures." *Journal of Trauma* 40(3 Suppl):S123-7.
- Ruegg, Rosalie T., and Harold E. Marshall. 1990. *Building Economics: Theory and Practice*. New York: Van Nostrand Reinhold.
- Ruegg, Rosalie. 1996. *Guidelines for Economic Evaluation of the Advanced Technology Program*. NISTIR-5896. Gaithersburg: National Institute of Standards and Technology.
- Shaw, D.L., and J.O. Lawton. 1995. "External Fixation for Tibial Fractures: Clinical Results and Cost Effectiveness." *Journal of the Royal College of Surgeons of Edinburgh* 40(5):344-6.

- Silber & Associates. 1996. *Survey of Advanced Technology Program 1990 – 1992 Awardees: Company Opinion About the ATP and Its Early Effects*. Clarksville, MD: Silber & Associates.
- Sinisaari, J., H. Patiala, O. Bostman, E.A. Makela, E. Hirvensalo, E.K. Partio, P. Tormala, and P. Rokkanen. 1996. "Metallic or Absorbable Implants for Ankle Fractures: A Comparative Study of Infections in 3,111 Cases." *Acta Orthopaedica Scandinavica* 67(1):16-8.
- Sloan, Frank A., ed. 1995. *Valuing Health Care: Costs, Benefits and Effectiveness of Pharmaceuticals and Other Medical Technologies*. New York, NY: Cambridge University Press.
- Tassey, Gregory. June 1996. *Rates of Return From Investments in Technology Infrastructure*. 96-3 Planning Report. Gaithersburg: National Institute of Standards and Technology.
- Tiel-van Buul, M.M., T.H. Broekhuizen, E.J. van Beek, and P.M. Bossuyt. 1995. "Choosing a Strategy for the Diagnostic Management of Suspected Scaphoid Fracture: A Cost-Effectiveness Analysis." *Journal of Nuclear Medicine* 36(1):45-8.
- Tolley, George, Donald Kenkel, and Robert Fabian, eds. 1994. *Valuing Health for Policy: An Economic Approach*. Chicago, IL: University of Chicago.
- Torrance, G.W., and D. Feeny D. 1989. "Utilities and Quality-Adjusted Life Years." *International Journal of Technology Assessment in Health Care* 5:559-575.
- Trajtenberg, Manuel. 1990. *Economic Analysis of Product Innovation: The Case of CT Scanners*. Cambridge, MA: Harvard University Press.
- United Network for Organ Sharing (UNOS). 1996. 1996 Annual Report—The U.S. Scientific Registry of Transplant Recipients and The Organ Procurement and Transplantation Network: Transplant Data 1988-1995. <http://204.127.237.11/UNOS_ar_97/index.html>.
- United Network for Organ Sharing (UNOS). 1997. Facts and Statistics about Transplantation. <<http://204.127.237.11/stats.html>>.

- Vangsness, C. Thomas, Jr., Phong Mac, Ralph Requa, and James Garrick. 1995. "Review of Outcome Instruments for Evaluation of Anterior Cruciate Ligament Reconstruction." *Hospital for Joint Diseases* 54(1):25-29.
- Virgo, K.S., K.S. Naunheim, L.W. McKirgan, M.E. Kissling, J.C. Lin, and F.E. Johnson. 1996. "Cost of Patient Follow-up after Potentially Curative Lung Cancer Treatment." *Journal of Thoracic and Cardiovascular Surgery* 112(2):356-363.
- Viscusi, W.K. 1995. "Discounting Health Effects for Medical Decisions." In *Valuing Health Care: Costs, Benefits and Effectiveness of Pharmaceutical and Medical Technologies* ed. F. A. Sloan, 123-45. New York: Cambridge University Press.
- Votapka, Timothy V., Marc T. Swartz, Jane E. Reddy, Douglas P. Lohmann, Lawrence R. McBride, Leslie W. Miller, and D. Glenn Pennington. 1995. "Heart Transplantation Charges: Status 1 versus Status 2 Patients." *The Journal of Heart and Lung Transplantation* 14:366-272.
- Wood, Lisa L., Mohan V. Bala, Sheryl C. Cates, John R. Farris, and Josephine A. Mauskopf. 1997. "The Quality of Life Implications of Herpes Zoster Pain." Working paper. Research Triangle Park, NC: Research Triangle Institute.