

References

References

1. "Advances in Urology," *Biomedical Business International VIII(13/14)*:148-149, July 16, 1985.
2. Aldebert, Ms., Attachée de direction, EDAP, Marne la Vallee, France, personal communication, Nov. 20, 1985.
3. Alder, H. C., *Lithotripters: Noninvasive Devices for the Treatment of Kidney Stones*, Hospital Technology Series Guideline Report 4(9), AHA-012828 (Chicago, IL: American Hospital Association, 1985).
4. Alder, H. C., "Meditrends: Staffing, Marketing, New Technology Critical in ESWL Planning," *AHA Hospital Technology Series: Technology Scanner 5(1)*:insert, January 1986.
5. American College of Physicians, press release, Philadelphia, PA, Oct. 3, 1985.
6. American Hospital Association, *Hospital Regulation* (Chicago, IL: AHA, 1977).
7. American Medical Association, *Profiles of Medical Practice* (Chicago, IL: AMA, 1981).
8. American Medical Association, "Diagnostic and Therapeutic Technology Assessments: Noninvasive Extracorporeal Lithotripsy; Endoscopic Transurethral Nephrolithotripsy; Percutaneous Nephrolithotripsy," *J. A. M.A.* 252(23):3301-3302, Dec. 21, 1984.
9. American Medical Association, *Physicians' Current Procedural Terminology, 4th ed.* (Chicago, IL: AMA, 1985).
10. American Urological Association, "Summary and Recommendations of the Ad Hoc Committee To Study the Safety and Clinical Effectiveness of the Current Technology of: 1) Percutaneous Lithotripsy, and 2) Non-Invasive Lithotripsy," presented to the AUA, New Orleans, LA, May 9, 1985.
11. American Urological Association, *Report of American Urological Association Ad Hoc Committee To Study the Safety and Clinical Efficacy of Current Technology of Percutaneous Lithotripsy and Non-invasive Lithotripsy* (Baltimore, MD: AUA, May 16, 1985).
12. Armstrong, G., Office of Issuance, Health Care Financing Administration, U.S. Department of Health and Human Services, Baltimore, MD, personal communication, October 1985.
13. Bass, R. B., Beard, J. H., Cooner, W. H., et al., "Percutaneous Ultrasonic Lithotripsy in the Community Hospital," *J.Urol.* 133(4, part 2): 586-587, April 1985.
14. Blue Cross and Blue Shield Association, "Extracorporeal Shock Wave Lithotripsy: Clinical Assessment, Utilization, and Cost Projections," Chicago, IL, May 1985.
15. Boyce, W.H., "Surgery of Urinary Calculi in Perspective," *Urol. Clin. N. Am.* 10(4):585-594, November 1983.
16. Boyce, W. H., Garvey, F. K., and Strawcutter, H. E., "Incidence of Urinary Calculi Among Patients in General Hospitals, 1948 to 1952," *J. A.M.A.* 161(15):1437-1442, Aug. 11, 1956.
17. Brannen, G. E., and Bush, W. H., "Ultrasonic Destruction of Kidney Stones," *West. J. Med.* 140(2):227-232, February 1984.
18. Brannen, G. E., Bush, W. H., Correa, R. J., et al., "Kidney Stone Removal: Percutaneous Versus Surgical Lithotomy," *J.Urol.* 133(1):6-12, January 1985.
19. Burman, R., Prospective Payment Assessment Commission, Washington, DC, personal communication, January 1986.
20. Burns, J. R., and Finlayson, B., "Why Some People Have Stone Disease and Others Do Not," *Stones: Clinical Management of Urolithiasis*, R.A. Roth and B. Finlayson (eds.) (Baltimore, MD: William & Wilkins, 1983).
21. Carlsson, P., "Assessment of Extracorporeal Shock-Wave Lithotripsy and Alternative Technologies for Kidney Stone Treatment," paper prepared for CEC Workshop: Variations in the Use of Kidney Stone Treatment Methods and Health Technology Aspects of Lithotripsy, Mar. 19-21, 1986.
22. Chaussy, C.H. (ed.), *Extracorporeal Shock Wave Lithotripsy: New Aspects in the Treatment of Kidney Stone Disease* (Basel, Switzerland: Karger, 1982).
23. Chaussy, C., Brendel, W., and Schmiedt, E., "Extracorporeally Induced Destruction of Kidney Stones by Shock Waves," *Lancet* 2(8207): 1265-1268, Dec. 13, 1980.
24. Chaussy, C., and Schmiedt, E., "Shock Waves Treatment for Stones in the Upper Urinary Tract," *Urol. Clin. N. Am.* 10(4):743-750, November 1983.
25. Chaussy, C., Schmiedt, E., and Jocham, D., "Nonsurgical Treatment of Renal Calculi With Shock Waves," *Stones: Clinical Management of Urolithiasis*, R.A. Roth and B. Finlayson (eds.) (Baltimore, MD: William & Wilkins, 1983).
26. Chaussy, C., Schmiedt, E., Jocham, D., et al., "First Clinical Experience With Extracorporeally Induced Destruction of Kidney Stones by Shock Waves," *J.Urol.* 127(3):417-420, March 1982.

27. Chaussy, C., Schmiedt, E., Jocham, D., et al., "Extracorporeal Shock-Wave Lithotripsy (ESWL) for Treatment of Urolithiasis," *Urology* 23(5, Spec. No.):59-66, May 1984.
28. Chowdhury, A., "Good Vibrations," *Washington Post/Health*, Dec. 11, 1985, pp. 16-17.
29. Churchill, D. N., and Taylor, D. W., "Thiazides for Patients With Recurrent Calcium Stones: Still an Open Question," *J. Urol.* 133(5):749-51, May 1985.
30. Clayman, R. V., Surya, V., Miller, R. P., et al., "Percutaneous Nephrolithotomy: Extraction of Renal and Ureteral Calculi From 100 Patients," *J. Urol.* 131(5):868-871, May 1984.
31. Clisham, G., Medstone International, Inc., San Diego, CA, personal communication, October 1985.
32. Coe, F. L., "Treated and Untreated Recurrent Calcium Nephrolithiasis in Patients With Idiopathic Hypercalciuria, Hyperuricosuria or No Metabolic Disorder," *Ann. Intern. Med.* 87(4):404-410, October 1977.
33. Coe, F. L., "Clinical and Laboratory Assessment of Patients With Kidney Stones," *Nephrolithiasis: Parthenogenesis and Treatment*, F.L.Coe (ed.) (Chicago, IL: Year Book Medical Publishers, Inc., 1978).
34. Coe, F. L., Keck, J., and Norton, E. R., "The Natural History of Calcium Urolithiasis," *J. A.M.A.* 238(14):1519-1523, Oct. 3, 1977.
35. Coleman, C. H., and Witherington, R., "A Review of 117 Partial Nephrectomies," *J. Urol.* 122(1):11-13, July 1979.
36. Colvin, J., Health Systems Agency of Southwestern Pennsylvania, Pittsburgh, PA, personal communication, Oct. 3, 1985.
37. Commission on Professional and Hospital Activities, "Calculus of Kidney, ICD-9-CM #592.0, and Calculus of Ureter, ICD-9-CM #592.1," CPHA, Ann Arbor, MI, January-December 1983, as cited in H.C. Alder, *Lithotripters: Noninvasive Devices for the Treatment of Kidney Stones*, Hospital Technology Series Guideline Report 4(9), AHA-012828 (Chicago, IL: American Hospital Association, 1985).
38. Commonwealth of Australia, National Health Technology Advisory Panel, "Shock Wave Lithotripsy," Woolen, A. C. T., Australia, June 1985.
39. "CON Applications in a Traffic Jam," *Medical World News* 26(17):24, Sept. 9, 1985.
40. Cotter, D. J., Chu, F., and Braid, M. J., *National Health Services and Practice Patterns Survey: Report on Extracorporeal Shockwave Lithotripsy Operating Costs, Medicare Payments, and Utilization Rates* (Washington, DC: Georgetown University Institute for Health Policy Analysis, April 1986).
41. Dolan, T., Uro-Tech Corp., personal communication, Houston, TX, November 1985.
42. Dornier Medical Systems, "Dornier Lithotripter IDE Submission," Marietta, GA, Sept. 30, 1982, pp. 14-20.
43. Drach, G. W., "Stone Manipulation: Modern Usage and Occasional Mishaps," *Urology* 12(3):286-289, September 1978.
44. Drach, G. W., "Urinary Lithiasis," *Campbell's Urology*, 4th ed., J.H. Harrison, R.F. Gittes, A.D. Permuter, et al. (eds.) (Philadelphia, PA: W.B. Saunders Co., 1978).
45. Drach, G. W., "Transurethral Ureteral Stone Manipulation," *Urol.Clin. N. Am.* 10(4):709-717, November 1983.
46. Dretler, S. P., "Combination Therapy: Ureterscopy and Extracorporeal Shock Wave Lithotripter (ESWL)," *J.Urol.* 133(4, part 2):311A, April 1985.
47. Dretler, S. P., "Extracorporeal Shock Wave Lithotripsy (ESWL) and Dissolution Therapy for Cystine and Struvite Calculi," *J.Urol.* 133(4, part 2):170A, April 1985.
48. Dretler, S. P., Massachusetts General Hospital, Boston, MA, personal communication, July 1985.
49. EDAP, Marne la Vallee, France, letter to physicians, Sept. 17, 1985.
50. Elomaa, I., Ala-Opas, M., and Porkka, L., "Five Years of Experience With Selective Therapy in Recurrent Calcium Nephrolithiasis," *J. Urol.* 132(4):656-661, October 1984.
51. Engel, M., "Md. Move Threatens Kidney Machine Plan," *Washington Post*, Dec. 23, 1985, p. 1.
52. Epstein, F. H., "Nephrolithiasis," *Harrison's Principles of Internal Medicine*, 8th ed., G. W. Thorn, R.D. Adams, E. Braunwald, et al. (eds.) (New York: McGraw-Hill Book Co., 1977).
53. Finkler, S. A., "The Distinction Between Cost and Charges," *Ann. Intern. Med.* 96(1):102-109, January 1982.
54. Finlayson, B., and Thomas, W. C., "Extracorporeal Shock-Wave Lithotripsy," *Ann. Intern. Med.* 101(3):387-9, September 1984.
55. Fox, M., Ryan, L. H., and Raper, F. P., "Management of Ureteric Stone: A Review of 292 Cases," *Brit. J. Urol.* 37(6):660-670, December 1965.
56. Freifeld, K., "The Rush To Crush," *Forbes* 135(5):170-171, Mar. 11, 1985.

57. Fuchs, G. J., Miller, K., Bub, P., et al., "Extracorporeal Shockwave Lithotripsy (ESWL): A Reproducible and Reliable Method? —One-Year Experience at the Second Centre Worldwide" (abstract), *J.Urol.* 133(4, part 2):172/1, April 1985.
58. Fuchs, G. J., Miller, K., Bub, P., et al., "Extracorporeal Shock Wave Lithotripsy (ESWL): Lower Radiation Exposure by Substituting Ultrasound for X-Ray Examinations" (abstract), *J.Urol.* 133(4, part 2):217A, April 1985.
59. Furlow, W. L., and Bucchiere, J. J., "The Surgical Fate of Ureteral Calculi: Review of Mayo Clinic Experience," *J.Urol.* 116(5):559-561, November 1976.
60. "Georgetown To Get Kidney Machine," *Washington Post Health*, Dec. 11, 1985, p. 17.
61. Gieringer, D., "The FDA's Bad Medicine," *Policy Review* 33: 71-73, Summer 1985.
62. Gill, W. B., "Urolithiasis Update: Biophysical and Radiologic Advances Enhance Anti-Stone Activity," *Am. J. Kidney Dis.* 1(2):66-90, September 1981.
63. Goodfriend, R., "Ultrasonic and Electrohydraulic Lithotripsy of Ureteral Calculi," *Urology* 23(1):5-8, January 1984.
64. Goodhart, M. D., "Sizing Up Freestanding Imaging Centers," *Hospitals* 58(20):99-104, Oct. 16, 1984.
65. Goodwin, W. E., Kasey, W. C., and Woolf, W., "Percutaneous Trocar (Needle) Nephrostomy in Hydronephrosis," *J.A.M.A.* 157(7):891-894, Feb. 18, 1955.
66. Gracie, W. A., and Ransohoff, D. F., "The Natural History of Silent Gallstones: The Innocent Gallstone Is Not a Myth," *N. Engl. J. Med.* 307(13):798-800, Sept. 23, 1982.
67. Griffith, D. P., "Infection-Induced Stones," *Nephrolithiasis: Parthenogenesis and Treatment*, F. L. Coe (ed.) (Chicago, IL: Year Book Medical Publishers, Inc., 1978).
68. Grogan, B., Northern California Kidney Stone Center, Los Gatos, CA, personal communication, Oct. 15, 1985.
69. Guidice, C., Office of the Civilian Health and Medical Program for the Uniformed Services, U.S. Department of Defense, Aurora, CO, personal communication, October 1985.
70. Health Industry Manufacturers Association, *Recalibration & Updating: A Means to Health Care Cost Control and Quality*, Report No. 84-4, Series No. 2, 1984.
71. Health Planning Council for Greater Boston, "Lithotripter: Analysis of a New Technology and Guidelines for Introduction to Greater Boston," August 1983.
72. Heatherington, H., Office of Reimbursement, Health Care Financing Administration, U.S. Department of Health and Human Services, Baltimore, MD, personal communication, Dec. 13, 1985.
73. "Heckler Approves Capital Plan," *Washington Report on Medicine and Health* 39(40):1, Oct. 14, 1985.
74. Hellinger, F. J., "The Effect of Certificate-of-Need Legislation on Hospital Investment," *Inquiry* XIII(2):187-193, June 1976.
75. Hiatt, R. A., Dales, L. G., Friedman, G. D., et al., "Frequency of Urolithiasis in a Prepaid Medical Care Program," *Am. J. Epidemiology* 115(2): 55-265, February 1982.
76. Hlinovsky, V., Assistant to the National Service Director, Paralyzed Veterans of America, Washington, DC, personal communication, June 15, 1983, as quoted in U.S. Congress, Office of Technology Assessment, *Procurement and Evaluation of Medical Devices by the Veterans Administration—A Technical Memorandum*, OTA-TM-H-16 (Washington, DC: U.S. Government Printing Office, February 1985).
77. Hosking, D. H., Erickson, S. B., Van Den Berg, C. J., et al., "The Stone Clinic Effect in Patients With Idiopathic Calcium Urolithiasis," *J. Urol.* 130(6):1115-1118, December 1983.
78. Hospital Research Associates, Inc., "Certificate of Need Applications Up 13% Over '83," Fairfield, NJ, 1985.
79. Huffman, J. L., Bagley, D. H., Schoenberg, H. W., et al., "Transurethral Removal of Larger Ureteral and Renal Pelvic Calculi Using Ureteroscopic Ultrasonic Lithotripsy," *J. Urol.* 131(1):31-34, January 1984.
80. Iezzoni, L. I., and Moskowitz, M. A., "The Clinical Impact of DRG-Based Physician Reimbursement," prepared with the support of the Health Care Financing Administration, Office of Research, under cooperative agreement No. 18-C-98526/1-01, to the Health Policy Research Consortium, Cooperative Research Center, Dec. 31, 1984.
81. Iverson, K., Dornier Medical Systems, Marietta, GA, personal communication, December 1985.
82. Jenkins, A., University of Virginia Medical Center, Charlottesville, VA, personal communication, November 1985.
83. Johnson, C. M., Wilson, D. M., O'Fallen, W. M., et al., "Renal Stone Epidemiology: A 25-Year Study in Rochester, Minnesota," *Kidney International* 16(5):624-631, November 1979.

84. Juegnst, K. N., and Kursh, E.D. "Pyelolithotomy," *Urol. Clin. N. Am.* 10(4):649-658, November 1983.
85. Kennedy, R. S., "Clinical Investigations With Medical Devices: New Rules," *J.A.M.A.* 245(20):2052-2055, May 22/29, 1981.
86. Kraft, J. K., Northern California Kidney Stone Foundation, Los Gates, CA, personal communication, November 1985.
87. Kurth, K. H., Hohenfellnar, R., and Altwein, J. E., "Ultrasound Lithoplaxy of a Staghorn Calculus," *J. Urol.* 117(2):242-243, February 1977.
88. Lingeman, J. E., Coury, T. A., and Kahnoski, R. J., "Results and Morbidity of Percutaneous Nephrolithotomy Versus Extracorporeal Shock Wave Lithotripsy" (abstract), *J. Urol.* 133(4, part 2):314A, April 1985.
89. Lingeman, J. E., Kahnoski, R. J., and Coury, T. A., "The Removal of Staghorn Calculi Using Percutaneous Nephrostolithotomy and Extracorporeal Shock Wave Lithotripsy" (abstract), *J. Urol.* 133(4, part 2):320A, April 1985.
90. Lingeman, J. E., Newman, D. M., Steele, R. E., et al., "Extracorporeal Shock Wave Lithotripsy Results and Morbidity in 500 Patients" (abstract), *J. Urol.* 133(4, part 2):171A, April 1985.
91. "Lithotripsy Smashes Kidney Stones and Health Care Costs," *Devices and Diagnostics Letter* 11(51):4-5, Dec. 21, 1984.
92. "Lithotripter Brings Annualized Profit of \$400 Per Case to Indiana Hospital," *Technology Reimbursement Reports* 1(27):2, Aug. 2, 1985.
93. "Lithotripter Used on Human Gallstones," *Hospitals* 59(23):36, Dec. 1, 1985.
94. Lomas, H., State of California, Department of Health Services, Sacramento, CA, personal communication, November 1985.
95. Lyon, E. S., Huffman, J. L., and Bagley, D. H., "Ureteroscopy and Ureteropyeloscopy," *Urology*, 23(5, Spec. No.):29-36, May 1984.
96. "Magnetic Resonance Imaging System Joint Venture Purchase," *M-D-D-1 Reports* 11(13):8-9, Apr. 1, 1985.
97. Marberger, M., "Disintegration of Renal and Ureteral Calculi With Ultrasound," *Urol. Clin. N. Am.* 10(4):729-742, November 1983.
98. Marshall, F. F., "Intraoperative Localization of Renal Calculi," *Urol. Clin. N. Am.* 10(4):629-635, November 1983.
99. Marshall, V., White, R. H., De Saintonge, M. C., et al., "The Natural History of Renal and Ureteric colic," *Brit. J. Urol.* 47(2):117-124, April 1975.
100. Martinez-Pineiro, J. A., Gaston de Iriarte, E., and Armero, A. H., "The Problem of Recurrences and Infection After Surgical Removal of Staghorn Calculi," *Eur. Urol.* 8(2):94-101, March-April 1982.
101. Mayo, M. E., Krieger, J. N., and Rudd, T. G., "Effect of Percutaneous Nephrostolithotomy on Renal Function," *J. Urol.* 133(2):167-169, February 1985.
102. McDonald, G., Veterans Administration, Washington, DC, personal communication, October 1985.
103. Medstone International, Inc., press release, San Diego, CA, June 12, 1985.
104. Menon, M., and Krishan, C. S., "Evaluation and Medical Management of the Patient With Calcium Stone Disease," *Urol. Clin. N. Am.* 10(4):595-615, November 1983.
105. Miller, K., Fuchs, G. J., Rassweiler, J., et al., "Stuttgart Group Experience After One Year With Extracorporeal Shockwave Lithotripsy (ESWL) and Endourology: Review of Current Stone Management" (abstract), *J. Urol.* 133(4, part 2):182A, April 1985.
106. Miller, R., "New Techniques for the Treatment and Disruption of Renal Calculi," *J. Med. Engineering and Technology* 7(1):1-4, January-February 1983.
107. Miller, R. A., and Wickham, J. E. A., "Percutaneous Nephrolithotomy: Advances in Equipment and Endoscopic Techniques," *Urology* 23(5 Spec. No.):2-6, May 1984.
108. Mitchell, M. E., and Kerr, W. S., "Experience With the Electrohydraulic Disintegrator," *J. Urol.* 117(2):159-160, February 1977.
109. Mosbaugh, P., Newman, D., Lingeman, J., et al., "Cost Comparisons of the Options Currently Available in the Treatment of Upper Urinary Tract Stone Disease," American Urological Association, *Report of American Urological Association Ad Hoc Committee To Study the Safety and Clinical Efficacy of Current Technology of Percutaneous Lithotripsy and Non-Invasive Lithotripsy* (Baltimore, MD: AUA, May 16, 1985).
110. "New Shock Wave Lithotripter," *Biomedical Business International* IX(3):27, Feb. 11, 1986.
111. Nordin, B. E. C., Hodgkinson, A., Peacock, M., et al., "Urinary Tract Calculi," *Nephrology*, J. Hamburger, J. Crosnier, and J. Grunfeld (eds.) (New York: John Wiley & Sons, 1979).
112. O'Flynn, J. D., "Clinical Management of Ureteral Calculi," *Stones: Clinical Management of Urolithiasis*, R.A. Roth and B. Finlayson (eds.) (Bal-

- timore, MD: William & Wilkins, 1983).
113. "Ohio Hospitals Enter Joint Venture To Acquire Coveted Lithotripter," *Hospitals* 59(3):42-44, Feb. 1, 1985.
 114. "Omaha Consumers Applaud MRI Venture," *Hospitals* 59(6):56-58, Mar. 16, 1985.
 115. Onek, J., Onek, Klein & Farr, Washington, DC, personal communication, July 3, 1985.
 116. Owens, A., "Doctors' Earnings: The Year of the Big Surprise," *Medical Economics* 62:195-215, Sept. 9, 1985.
 117. Owens, A., "Practice Costs: Can You Regain Control?" *Medical Economics* 62:222-242, Nov. 11, 1985.
 118. Pak, C. Y. C., Peters, P., Hurt, G., et al., "Is Selective Therapy of Recurrent Nephrolithiasis Possible?" *Am. J. Med.* 71(4):615-622, October 1981.
 119. Pak, C. Y. C., Smith, L. H., Resnick, M. I., et al., "Dietary Management of Idiopathic Calcium Urolithiasis," *J. Urol.* 131(5):850-852, May 1984.
 120. Patterson, D. E., Segura, J. W., LeRoy, A. J., et al., "The Etiology and Treatment of Delayed Bleeding Following Percutaneous Lithotripsy," *J. Urol.* 133(3):447-451, March 1985.
 121. Peters, H. J., and Eckstein, W., "Possible Pharmacological Means of Treating Renal Colic," *Urol. Res.* 3(2):55, Aug. 8, 1975.
 122. Pfister, R. C., and Dretler, S. P., "Percutaneous Chemolysis of Renal Calculi," *Urol. Radiol.* 6(2):138-143, Spring/Fall 1984.
 123. "Physicians, Hospitals Join Forces in Memphis To Buy Lithotripter," *Hospitals* 59(5):29, Mar. 1, 1985.
 124. Pokras, R., National Center for Health Statistics, Public Health Service, U.S. Department of Health and Human Services, Rockville, MD, personal communication, January 1985.
 125. Polzer, E., Dornier Medical Systems, Marietta, GA, personal communication, Oct. 15, 1985.
 126. Power, E. J., "Extracorporeal Shock Wave Lithotripsy and the Medicare Prospective Payment System," paper prepared for U.S. Congress, Office of Technology Assessment, *Medicare's Prospective Payment System: Strategies for Evaluating Cost, Quality, and Medical Technology*, Washington, DC, June 1985.
 127. Preminger, G. M., University of Texas Health Science Center, Dallas, TX, personal communication, November 1985.
 128. Preminger, G. M., Clayman, R. V., Curry, T., et al., "Outpatient Percutaneous Nephrostolithotomy," University of Texas Health Science Center, Dallas, TX, no date (abstracted in *J. Urol.* 133(4, part 2):316A, April 1985).
 129. Preminger, G. M., Clayman, R. V., and Harde- man, S. W., "Percutaneous Nephrostolithotomy vs. Open Surgery for Renal Calculi," *J. A.M.A.* 254(8):1054-1058, Aug. 23/30, 1985.
 130. Preminger, G. M., Peterson, R., Peters, P. C., et al., "Current Role of Medical Treatment of Nephrolithiasis: Impact of Improved Techniques of Stone Removal," *J. Urol.* 134(1):6-10, July 1985.
 131. Prospective Payment Assessment Commission, *Technical Appendixes to the Report and Recommendations to the Secretary, U.S. Department of Health and Human Services* (Washington, DC: U.S. Government Printing Office, Apr. 1, 1986).
 132. Reddy, P. K., Lange, P. L., Hulbert, V. C., et al., "Percutaneous Removal of Caliceal and Other 'Inaccessible' Stones: Results," *J. Urol.* 132(3): 443-447, September 1984.
 133. Resnick, M. I., "Who Shall 'Cut' For The Stone?" *J. Urol.* 131(2):319, February 1984.
 134. Resnick, M. I., Case Western Reserve University, Cleveland, OH, personal communication, February 1985.
 135. Reynolds, R. A., and Abrams, J.B.(eds.), *Socio-economic Characteristics of Medical Practice, 1983* (Chicago, IL: American Medical Association, 1983).
 136. Riches, E., "The History of Lithotomy and Lithotripsy," *Ann. R. Coll. Surg. Eng.* 43:185-99, October 1968.
 137. Riehle, R. A., Fair, W., and Vaughan, E. D., "Extracorporeal Shock-Wave Lithotripsy for Upper Urinary Tract Calculi: One Year's Experience at a Single Center," *J. A.M.A.* 255(15):2043-2048, Apr. 18, 1986.
 138. Robertson, W. G., and Peacock, M., "Stone Disease of the Urinary Tract," *Practitioner* 225 (1357):691-969, July 1981.
 139. Roe, B., "The UCR Boondoggle: A Death Knell for Private Practice," *N. Engl. J. Med.* 305(1):41-45, July 2, 1981.
 140. Roth, M., "Hospitals Seek Kidney Stone Machine," *The Fairfax Journal* 47(120): A1, A6, June 20, 1985.
 141. Roth, M., "State Vetoes Kidney Stone Machine," *The Fairfax Journal* 47(171): A1, A4, Sept. 3, 1985.
 142. Roven, S. J., and Rosen, R. J., "Percutaneous Nephrostomy and Maintenance of Nephrostomy

- Drainage," *Urology* 23(5 Spec. No.):25-28, May 1984.
143. Russell, C., "Kidney-Stone Crusher Hailed," *Washington Post*, Dec. 20, 1984, pp. 1,4.
 144. Russo, P., Stephenson, R. A., Mies, C., et al., "High Energy Shock Waves Suppress Tumor Growth In Vitro and In Vivo," *J.Urol.* 135(3): 626-628, March 1986.
 145. Rutner, A. B., "Ureteral Balloon Dilatation and Stone Casketing," *Urology* 23(5 Spec. No.):44-53, May 1984.
 146. Sandegard, E., "Prognosis of Stone in the Ureter," *Acta Chir. Scand.* 219 (suppl.), 1956.
 147. Sauerbach, T., Delius, M., Paumgartner, G., et al., "Fragmentation of Gallstones by Extracorporeal Shock Waves," *New Engl. J. Med.* 314 (13):818-822, Mar. 27, 1986.
 148. Sax, S., "Australian Health Care Systems and Medical Technology," in U.S. Congress, Office of Technology Assessment, *The Implications of Cost-Effectiveness Analysis of Medical Technology Background Paper #4: The Management of Health Care Technology in Ten Countries* (Washington, DC: U.S. Government Printing Office, 1980).
 149. Schmeller, N. T., Kersting, H. K., Schuller, J., et al., "Combination of Chemolysis and Shock Wave Lithotripsy in the Treatment of Cystine Renal Calculi," *J. Urol.* 131(3):434-438, March 1984.
 150. Schoenberg, H. W., "Percutaneous Stone Removal," *J. Urol.* 132(3):543, September 1984.
 151. Segura, J. W., Patterson, D. E., LeRoy, A. J., et al., "Percutaneous Lithotripsy," *J. Urol.* 130(6): 1051-1054, December 1983.
 152. Sheldon, C. A., and Smith, A. D., "Chemolysis of Calculi," *Urol.Clin. N. Am.* 9(1): 121, February 1982.
 153. Shene, W., Monaghan Medical, Plattsburgh, NY, personal communication, November 1985.
 154. "Shock Wave," *McGraw-Hill Encyclopedia of Science & Technology*, 5th ed., vol. 12 (New York: McGraw-Hill, Inc., 1982), pp. 381-384.
 155. Showstack, J. A., Perez-Stable, E. J., and Sawitz, E., "Extracorporeal Shock Wave Lithotripsy: Clinical Application and Medicare Physician Payment," prepared for the Office of Technology Assessment, Washington, DC, Aug. 1, 1985.
 156. Showstack, J. A., Schroeder, S. M., and Steinberg, H. R., "Evaluating the Costs and Benefits of a Diagnostic Technology: The Case of Upper Gastrointestinal Endoscopy," *Medical Care* 19 (5):498-509, May 1981.
 157. Sierakowski, R., Finlayson, B., Landes, R. R., et al., "The Frequency of Urolithiasis in Hospital Discharge Diagnoses in the United States," *Investigative Urology* 15(6):438-441, May 1978.
 158. Simpson, J. B., "Full Circle: The Return of Certificate-of-Need Regulation of Health Facilities to State Control," *Indiana Law preview* 19(4) : forthcoming, Summer 1986.
 159. Smith, A. D., Clayman, R. V., and Castaneda-Zuniga, W. R., "Use of Mauernayer Stone Punch Via Percutaneous Nephrostomy," *J. Urol.* 128 (6):1285, December 1982.
 160. Smith, A. D., and Lee, W. J., "Percutaneous Stone Removal Procedures Including Irrigation," *Urol.Clin. N. Am.* 10(4):719-727, November 1983.
 161. Smith, L. H., "New Treatment for Struvite Urinary Stones," *N. Engl. J. Med.* 311(12):792-794, Sept. 20, 1984.
 162. Smith, M. J. V., "Placebo Versus Allopurinol for Renal Calculi," *J. Urol.* 117(6):637, June 1977.
 163. Smith, L. H., Van Den Berg, C. J., and Wilson, D. M., "Nutrition and Urolithiasis," *N. Engl. J. Med.* 298(2):87-9, Jan. 12, 1978.
 164. Smits, W. L., and Watson, R. E., "DRGs and the Future of Surgical Practice," *New Engl. J. Med.* 311(24):1612-1615, Dec. 20, 1984.
 165. Spirnak, U. P., Sarmina, I., and Resnick, M. I., "Urolithiasis in Blacks," *J. Urol.* 133(4, part 2):309A, April 1985.
 166. Stables, D. P., "Percutaneous Nephrostomy: Techniques, Indications, and Results," *Urol. Clin. N. Am.* 9(2):15-29, February 1982.
 167. Stables, D. P., Ginsberg, N. G., and Johnson, M. L., "Percutaneous Nephrostomy: A Series and Review of the Literature," *Am. J. Roentgenol.* 130(1):75-82, January 1978.
 168. Steinberg, E. P., and Cohen, A. B., *Nuclear Magnetic Resonance Imaging Technology: A Clinical, Industrial, and Policy Analysis* (Health Technology Case Study #27), OTA-HCS-27, prepared for the Office of Technology Assessment (Washington, DC: U.S. Government Printing Office, September 1984).
 169. Steinberg, E. P., Sisk, J. E., and Locke, K. E., "X-Ray CT and Magnetic Resonance Imagers: Diffusion Patterns and Policy Issues," *N. Engl. J. Med.* 313(14):859-864, Oct. 3, 1985.
 170. Stone, L., "Percutaneous Nephrolithotripsy: An Advancement in Kidney Stone Extraction," *AORN J.* 39(5):773-778, April 1984.
 171. Szerszen, C. A., "Regulation of Medical Technology: Problems and Proposals," *Socioeconomic*

- Issues in Health*, 1981:109-132.
172. "Third World Conference on Endourology," *Biomedical Business International* VIII(19/20):2, Oct. 10, 1985.
 173. "Trends in Urology," *Biomedical Business International* VI(8/9):79, May 16, 1983.
 174. U.S. Congress, Congressional Budget Office, *Veterans Administration Health Care: Planning for 1990*, Washington, DC, February 1983.
 175. U.S. Congress, Office of Technology Assessment, *Policy Implications of the Computed Tomography (CT) Scanner*, OTA-H-72 (Springfield, VA: National Technical Information Service, August 1978).
 176. U.S. Congress, Office of Technology Assessment, *The Implications of Cost-Effectiveness Analysis of Medical Technology*, OTA-H-126 (Springfield, VA: National Technical Information Service, August 1980).
 177. U.S. Congress, Office of Technology Assessment, *The Impact of Randomized Clinical Trials on Health Policy and Medical Practice*, OTA-BP-H-22 (Springfield, VA: National Technical Information Service, August 1983).
 178. U.S. Congress, Office of Technology Assessment, *Medical Technology and Costs of the Medicare Program*, OTA-H-227 (Washington, DC: U.S. Government Printing Office, July 1984).
 179. U.S. Congress, Office of Technology Assessment, *Federal Policies and the Medical Devices Industry*, OTA-H-230 (Washington, DC: U.S. Government Printing Office, October 1984).
 180. U.S. Congress, Office of Technology Assessment, *Procurement and Evaluation of Medical Devices by the Veterans Administration—A Technical Memorandum*, OTA-TM-H-16 (Washington, DC: U.S. Government Printing Office, February 1985).
 181. U.S. Congress, Office of Technology Assessment, *Medicare's Prospective Payment System: Strategies for Evaluating Cost, Quality, and Medical Technology*, OTA-H-262 (Washington, DC: U.S. Government Printing Office, October 1985).
 182. U.S. Congress, Office of Technology Assessment, *Payment for Physician Services: Strategies for Medicare*, OTA-H-294 (Washington, DC: U.S. Government Printing Office, February 1986).
 183. U.S. Congress, Office of Technology Assessment, *Indian Health Care*, OTA-H-290 (Washington, DC: U.S. Government Printing Office, April 1986).
 184. U.S. Department of Commerce, U.S. Bureau of the Census, *Statistical Abstracts of the United States 1984* (Washington, DC: U.S. Department of Commerce, December 1983).
 185. U.S. Department of Defense, Office of the Civilian Health and Medical Program for the Uniformed Services, *CHAMPUS Handbook* (Aurora, CO: OCHAMPUS, January 1983).
 186. U.S. Department of Health and Human Services, *HHS News*, Dec. 19, 1984.
 187. U.S. Department of Health and Human Services, Food and Drug Administration, Bureau of Medical Devices, *Summary of Safety and Effectiveness Data: Dornier Lithotripter, Model HM3*, Dec. 19, 1984.
 188. U.S. Department of Health and Human Services, Public Health Service, *International Classification of Diseases, 9th Revision, Clinical Modification*, 2d ed., No. (PHS)80-1260 (Washington, DC: U.S. Government Printing Office, September 1980).
 189. U.S. Department of Health and Human Services, Health Care Financing Administration, "Ambulatory Surgical Centers: Guidelines for Carriers," *Medicare Carriers Manual*, Transmittal No. 964, March 1983.
 190. U.S. Department of Health and Human Services, Health Care Financing Administration, "Health Care Financing Trends," *Health Care Financing Review* 6(3):89, Spring 1985.
 191. U.S. Department of Health and Human Services, Health Care Financing Administration, *Medicare Coverage Issues Manual*, Transmittal No. 1, November 1985.
 192. U.S. Department of Health and Human Services, Health Care Financing Administration, "Physician Reimbursement for Lithotripsy Services," *Medicare Carriers Manual*, Transmittal No. 1141, January 1986.
 193. U.S. Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, *Annual Health Planning Agencies Report*, July 1985.
 194. U.S. Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Indian Health Service, *Chart Series Book* (Rockville, MD: IHS, April 1985).
 195. U.S. Department of Health and Human Services, Public Health Service, National Center for Health Statistics, "Number of Inpatients Discharged From Short-Stay Hospitals, by Category of First-Listed Diagnoses, United States, 1982" (table 4), *National Center for Health Statistics—1982 Sum-*

- mary: *National Hospital Discharge Survey, No. 95* (Hyattsville, MD: NCHS, Dec. 27, 1983).
196. U.S. Department of Health and Human Services, Public Health Service, National Center for Health Statistics, "Detailed Diagnoses and Surgical Procedures for Patients Discharged From Short-Stay Hospitals, United States, 1983," *Vital and Health Statistics* 13(82), No. (PHS)85-1743, March 1985.
 197. U.S. Department of Health and Human Services, Public Health Service, Office of Health Technology Assessment, *Public Health Service Assessment of Transurethral Ureteroscopic Lithotripsy Procedures for the Treatment of Kidney Stones* (Rockville, MD: OHTA, 1985).
 198. Van Arsdalen, K. N., "Pathogenesis of Renal Calculi," *Urologic Radiology* 6(2):65-73, Spring/Fall 1984.
 199. Wainer, L., Kursh, E. D., and Resnick, M. I., "Effect of Dietary Control on Urinary Factors Influencing Calcium Oxalate Stone Formation" (abstract), *J.Urol.* 133(4, part 2):310A, April 1985.
 200. Watanabe, H., Watanabe, K., Shiino, K., et al., "Micro-Explosion Cystolithotripsy," *J. Urol.* 129 (1):23-28, January 1983.
 201. Watson, G. M., Parrish, J. A., and Dretler, S. P., "Can Lasers Be Used To Fragment Renal Calculi?" (abstract), *J.Urol.* 133(4):275A, April 1985.
 202. Watson, G. M., Wickham, J. E. A., Mills, T. N., et al., "Laser Fragmentation of Renal Calculi," *Brit. J.Urol.* 55:613-616, December 1983.
 203. Welford, N., Food and Drug Administration, U.S. Department of Health and Human Services, Silver Spring, MD, personal communication, December 1985.
 204. White, E. C., and Smith, A. D., "Percutaneous Stone Extraction From 200 Patients," *J. Urol.* 132 (3):437-438, September 1984.
 205. Wild, R., Office of Reimbursement, Health Care Financing Administration, Baltimore, MD, personal communication, March 1985.
 206. Williams, R. E., "Long-Term Survey of 538 Patients With Upper Urinary Tract Stone," *Brit. J. Urol.* 35(6):416-437, December 1963.
 207. Williams, J. J., Rodman, J. S., and Peterson, C. M., "A Randomized Double-Blind Study of Acetohydroxamic Acid in Struvite Nephrolithiasis," *N. Engl. J. Med.* 311(12):760-764, Sept. 20, 1984.