REFERENCES

- 1. Bailey, I. K., et al., "Thallium-201 Myocardial Perfusion Imaging at Rest and During Exercise," *Circulation* 55:79, 1977.
- 2. Berger, B. C., et al., "Redistribution of Thallium at Rest in Patients With Stable and Unstable Angina and The Effect of Coronary Artery Bypass Surgery," *Circulation* 60:1114, 1979.
- 3. Berger, H. J., et al., "Dual Radionuclide Study of Acute Myocardial Infarction: Comparison of Thallium-201 and Technetium-99m Stannous Pyrophosphate Imaging in Man, " Ann. Int. Med. 88:145, 1978.
- Blood, D. K., et al., "Comparison of Single-Dose and Double-Dose Thallium-201 Myocardial Perfusion Scintigraphy for the Detection of Coronary Artery Disease and Prior Myocardial Infarction," Circulation 58:777,1978.
- Blumgart, H. C., and Weiss, S., "Studies on the Velocity of Blood Flow, VII: The Pulmonary Circulation Times in Normal Resting Individuals," *J. Clin. Inv.* 4:399, 1927.
- Bodenheimer, M. M., et al., "Comparative Sensitivity of the Exercise Electrocardiogram, Thallium Imaging, and Stress Radionuclide Angiography To Detect the Presence and Severity of Coronary Artery Disease," Circulation 60:1270, 1979.
- "Detection of Coronary Heart Disease Using Radionuclide Determined Regional Ejection Fraction at Rest and During Handgrip Exercise: Correlation With Coronary Arteriography," Circulation 58:640, 1978.
- 8. _____, "Extent and Severity of Coronary Heart Disease: Determinations by Thallous Chloride Tl-201Myocardial Perfusion Scanning and Comparison With Stress Electro Cardiography," Arch. Int. Med. 139:630, 1979.
- 9 _____ "Quantitative Radionuclide Angiography in'the Right Anterior Oblique View: Comparison With Contrast Ventriculography," Am. J. Card. 41:718, 1978.
- Bonte, F. J., et al., "A New Method for Radionuclide Imaging of Myocardial Infarcts," *Radio*. 110:473, 1974.
- 11. Borer, J. S., et al., "Real-Time Radionuclide Cineangiography in the Non-Invasive Evaluation of Global and Regional Left Ventricular Function at Rest and During Exercise in Patients With Coronary Artery Disease, " N. Eng. J. Med. 296:839, 1977.
- 12. _____, "Sensitivity, Specificity, and Predictive Accuracy of Radionuclide Cineangiography During Exercise in Patients With Coronary Artery Disease," *Circulation* 60:572, 1979.

- 13 Botvinick, E. H., et al., "Thallium-201 Myocardial Perfusion Scintigraphy for the Clinical Clarification of Normal, Abnormal and Equivocal Electro Cardiographic Stress Tests," *Am. J. Card.* 41:43, *1978*.
- Burow, R. D., et al., "Analysis of Left Ventricular Function From Multiple-Gated Acquisition Cardiac Blood Pool Imaging: Comparison to Contrast Angiography," Circulation 56:1024, 1977.
- Caldwell, J. H., et al., "Comparative Sensitivity and Specificity of Exercise Radionuclide Ventriculography and Rest-Exercise Thallium Imaging in the Detection of Coronary Artery Disease," J. Nucl. Med. 20:687, 1979.
- 16. Carr, E. A., Jr., et al., "The Detection of Experimental Myocardial Infarction by Photoscanning," *Am. Heart J.*64:650, 1962.
- 17. _____ "Evaluation of 203 Hg-Chlormerodrin in the De'monstration of Human Myocardial Infarcts by Scanning, " *U. Mich. Med. Bull.* 29:27, 1963.
- 18. Carrillo, A. D., et al., "Correlation of Exercise 201-Thallium Myocardial Scan With Coronary Arteriograms and the Maximal Exercise Test," *Chest* 73:321, 1978.
- 19. Chaitman, B. R., et al., "The Importance of Clinical Subsets in Interpreting Maximal Treadmill Exercise Test Results: The Role of Multiple-Lead ECG Systems," *Circulation* 59:560, 1979.
- 20. Diamond, G. A., and Forrester, J. S., "Analysis of Probability as an Aid in the Clinical Diagnosis of Coronary Artery Disease, " N. Eng. J. Med. 300:1350, 1979.
- F. Eberstadt & Co, Inc., "Nuclear Scanning, Computer Systems, and Informatek," Aug. 17, 1978.
- Federman, J., et al., "Multiple-Gated Acquisition Cardiac Blood-Pool Isotope Imaging: Evaluation of Left Ventricular Function Correlated With Contrast Angiography," Mayo Clin. P. 53:625, 1978.
- 23. Folland, E. D., et al., "The Radionuclide Ejection Fraction: A Comparison of Three Radionuclide Techniques With Contrast Angiography," *J. Nucl. Med.* 18:1159, 1977.
- 24. Goldman, L., et al., "Assessment of the Ordering and Impact of Cardiac Nuclear Studies, " *Clin. Res.* 27(2) 221A, 1979.
- Gould, K. L., et al., "Noninvasive Assessment of Coronary Stenoses With Myocardial Perfusion Imaging During Pharmacologic Coronary Vasodilation," Am. J. Card. 43:200, 1979
- 26. Greenberg, B. H., et al., "Thallium-201 Myocar-

- dial Perfusion Scintigraphy To Evaluate Patients After Coronary Bypass Surgery, " Am, J. Card. 42:167, 1978.
- 27 Guthaner, D. F., et al., "CT Demonstration of Cardiac Structures, "Am. J. Roentg. 133:75, 1979.
- 28 Hoilund-Carlsen, P. E., et al., "The Predictive Value of Myocardial Scintigraphy With 99m-Technetium Pyrophosphate in Diagnosing Acute Myocardial Infarction, " Acta Med. Scand. (% Ppl.) 623:55, 1978.
- 29, Holman, B. L., et al., "Detection and Sizing of Acute Myocardial Infarcts With 99m-Tc (Sri) Tetracycline, " N. Eng. J. Med., 291:159, 1974.
- ____, "Myocardial Scintigraphy With Technetium-99mPyrophosphate During the Early Phase of Acute Infarction, " Am. J. Card. 41:39, 1978.
- __, "The Prognostic Implications of Acute Myocardial Infarct Scintigraphy With 99m-Tc Pyrophosphate," Circulation 57:320, 1978.
- "Single-Photon Transaxial Emission 32. Compu'ted Tomography of the Heart in Normal Subjects and in Patients With Infarction, "]. Nucl. Med. 20:736, 1979.
- 33. Klausner, S. C., et al., "The Application of Radionuclide Infarct Scintigraphy To Diagnose Perioperative Myocardial Infarction Following Revascularization, "Circulation 56:173, 1977.
- 34. Lenears, A., et al., "Segmental Analysis of Tl-201 Stress Myocardial Scintigraphy, " J. Nucl. Med. 18:509, 1977.
- 35. Leppo, J., et al., "Thallium-201 MyocardialScintigraphy in Patients With Triple-Vessel Disease and Ischemic Exercise Stress Tests, " Circulation 59:714, 1979.
- 36. Losse, B., et al., "Exercise Thallium-201 Myocardial Perfusion Imaging in Patients With Normal Coronary Angiogram and Ventriculogram," Circulation 59-60 (Suppl. II):148, 1979.
- 37 Love, W. D., et al., "A Comparison of the Distribution of Potassium and Exchangeable Rubidium in the Organs of Dogs, Using Rubidium-86, " Cir. Res. 2:112, 1954.
- 38. Lowenthal, I. S., et al., "Diagnosis of Acute Myocardial Infarction in Patients Undergoing Open Heart Surgery: A Comparison of Serial Myocardial Imaging With Cardiac Enzymes, Electro Cardiography, and Vector Cardiography, " J. Nucl. Med. 18:770, 1977
- 39. Maddox, D. E., et al., "Regional Ejection Fraction: A Quantitative Radionuclide Index of Regional Left Ventricular Performance, " Circulation 59:1001, 1979,
- 40. Malek, P., et al., "Fluorescence of Tetracycline Analogs Fixed in Myocardial Infarction, " Card, 42:303, 1963.

- 41. Malin, F. R., et al., "Sequential MyocardialScintigraphy With Technetium-99m Stannous Pyrophosphate Following Myocardial Infarction, " I. Nucl. Med. 19:1111, 1978.
- 42. Marshall, R. C., et al., "Assessment of Cardiac Performance With Quantitative Radionuclide Angiography, " *Circulation* 56:820, 1977. 43. Massie, B. M., et al., "Correlations of Thal-
- lium-201 Scintigrams With Coronary Anatomy: Factors Affecting Region-by-Region Sensitivity, " Am. J. Card. 44:616, 1979.
- ___, "Myocardial Scintigraphy With Technetium-99m Stannous Pyrophosphate: An Insensitive Test for Non-Transmural Myocardial Infarction," Am. J. Card. 43:186, 1979.
- 45. McCarthy, D. M., et al., "Single Dose Myocardial Perfusion Imaging With Thallium-201: Application in Patients With Non-Diagnostic Electro Cardiographic Stress Tests, " Am. J. Card. **43**:**899**, *1979*.
- 46. McNeil, B. J., et al., "Primer on Certain Elements of Medical Decision-Making, " N. Eng. J. Med. **293:211**, *1975*.
- 47. Meller, J., et al., "Spectrum of Exercise Thallium-201 Myocardial Perfusion Imaging in Patients With Chest Pain and Normal Angiograms," Am. J. Card. 43:717, 1979.
- 48. Moran, A. D., "Reducing Hospital Clinical Laboratory Costs Through Increased Outpatients Testing, " Hosp. Prog. February 1975.
- 49. Mullins, C. B., et al., "Determination of Ventricular Volume by Radioisotope Angiography. Am. J. Card. 24:72, 1969.
- 50. National Center for Health Statistics, Hyattsville, Md., personal communication, 1979.
- 51. National Center for Health Statistics, "1976 Summary: National Ambulatory Medical Care Survey: Advance Data, " in Vital and Health Statistics, series 30 (Hyattsville, Md.: NCHS, 1978).
- _____, "Prevalence of Chronic Circulator, Conditions, United States, 1972," in Vital and Health Statistics, series 10, no. 94 (Hyattsville, Md.: NCHS, 1974).
- 53. Nichols, A. B., et al., "Clinical Utility of Gated Cardiac Blood Pool Imaging in Congestive Heart Failure," Am. J. Med. 65:785, 1978.
- 54. Okada, R. D., et al., "Clinical Value of the Thallium-201 Stress Test Sensitivity and Specificity in the Detection of Coronary Artery Disease, " Int. J. Nucl. M. 5:211, 1978.
- 55. "Observer Variance in the Quantitative Evaluation of Left Ventricular Wall Motion and the Quantitation of Left Ventricular Ejection Fraction Using Rest and Exercise Multigated Blood Pool Imaging, " Circulation 61:128, 1980. 56. Parkey, R. W., et al., "A New Method for Radio-

- nuclide Imaging of Acute Myocardial Infarction in Humans," Circulation 50:540, 1974.
- 57. Pohost, G. M., et al., "The Thallium Stress Test: The Qualitative Approach Revisited," Circulation 60:149, 1979.
- 58. Poliner, L, R., et al., "Clinicopathologic Findings in 52 Patients Studied by Technetium-99m Stannous Pyrophosphate Myocardial Scintigraphy," Circulation 59:257, 1979.
- Professional Activities Survey, Chicago, Ill., personal communication, 1979.
- 60. Public Health Service, Facts of Life and Death, DHEW Publication No. (PHS) 79-1222 (Washington, D. C.: DHEW, 1978).
- Reduto, L. A., "Correlation of Left Ventricular Ejection Fraction Determined by Radionuclide Techniques and Angiography," Gamma News 2:1, 1979.
- 62. Renaud, L., et al., "Fourier Multiaperture Emission Tomography," *JWM* 20:986, 1979.
- 63. Rerych, S. K., et al., "Cardiac Function at Rest and During Exercise in Normals and Patients With Coronary Heart Disease: Evaluation by Radionuclide Angiocardiography," Ann, Surg. 187:449, 1978.
- 64. Ritchie, J. L., et al., "Myocardial Imaging With Thallium-201 at Rest," *Circulation* 56:66, 1977.
- 65. _____ "Thallium-201 Myocardial Imaging Before and After Coronary Revascularization," *Circulation* 56:830, 1977.
- 66. Roberts, A. L., et al., "Perioperative Myocardial Infarction Associated With Coronary Artery Bypass Graft Surgery: Improved Sensitivity in the Diagnosis Within Six Hours After Operation With Tc-99m Glucoheptonate Myocardial Imaging and Myocardial-Specific Enzymes, " Ann. Thorac. Surg. 27:42, 1979.
- 67. Robinson, P. S., et al., "Thallium-201 Myocardial Imaging in Assessment of Aorto Coronary Bypass Surgery," *Br. Heart J.* 42:455, *1979*.
- Schelbert, H. R., et al., "Non-Traumatic Determination of Left Ventricular Ejection Fraction by Radionuclide Angiography," Circulation 52:902, 1975
- Sharpe, D. N., et al., "The Clinical Estimation of Acute Myocardial Infarct Size With 99m-Technetium Pyrophosphate Scintigraphy," *Circulation* 57:307, 1978.
- 70. Siemers, P. T., et al., "Detection, Quantitation, and Contrast Enhancement of Myocardial Infarction Utilizing Computerized Axial Tomography: Comparison With Histo-Chemical Staining and 99m-TcPyrophosphate Imaging," *Inv. Radio/*. 13:103, 1978.

- 71, Slutsky, R., et al., "Assessment of Early Ventricular Systole by First Pass Radionuclide Angiography: Useful Method for Detection of Left Ventricular Dysfunction at Rest in Patients With Coronary Artery Disease," *Am. J. Card.* 44:459, 1979.
- 72. Sobel, B. E., et al., "Detection of Remote Myocardial Infarction in Patients With Positron Emission Transaxial Tomography and Intravenous IIC-Palpitate," Circulation 55:853, 1977.
 73. Sonnemaker, R. E., et al., "Single Injection Thal-
- Sonnemaker, R. E., et al., "Single Injection Thallium-201 Stress and Redistribution Myocardial Perfusion Imaging: Comparison With Stress Electro Cardiography and Coronary Arteriography," Radio. 131:199,1979.
- Stolzenberg, J., and London, R., "Reliability of Stress Thallium-201 Scanning in the Clinical Evaluation of Coronary Artery Disease," Clin. Nucl. Med. 4:225, 1979.
- 75. Strauss, H. W., et al., "A Scintiphotographic Method for Measuring Left Ventricular Ejection Fraction in Man Without Cardiac Catherization," Am. J. Card. 28:575, 1971.
- Turner, D. A., et al., "The Predictive Value of Myocardial Perfusion Scintigraphy After Stress in Patients Without Previous Myocardial Infarction," J. Nucl. Med. 19:249, 1978.
- Vecchio, J. J., "Predictive Value of a Single Diagnostic Test in Unselected Populations," N, Eng. J. Med. 274:1171, 1966.
- 78. Veroni, M. S., et al., "Sensitivity and Specificity of Thallium-201 Perfusion Scintigrams Under Exercise in the Diagnosis of Coronary Artery Disease," *J. Nucl. Meal*, 19:773, 1978.
- 79. _____ "Thallium-201 Myocardial Scintigrams in the Evaluation of Aorto-Coronary Saphenous Bypass Surgery," *J.Nucl. Med.* 19:765, *1978*.
- 80. Vogel, R. A., et al., "A New Method of Multiplanar Emission Tomography Using a Seven-Pinhole Collimator and an Angioscintillation Camera," *J. Nucl. Med.* 19:648, 1978.
 81. ______, "Thallium-201 Myocardial Perfusion
- 81. ______, "Thallium-201 Myocardial Perfusion Scintigraphy: Results of Standard and Multi-Pinhole Tomographic Techniques," *Am. J. Card*, 43:787, 1979.
- 82. Wackers, F. J. T., et al., "Multiple-Gated Cardiac Blood Pool Imaging for Left Ventricular Ejection Fraction: Validation of the Technique and Assessment of Variability," Am. J. Card. 43:1159, 1979.
- 83. _____, "Prevalence of Right Ventricular Involvement in Inferior Wall Infarction Assessed With Myocardial Imaging With Thallium-201

- and Technetium-99m Pyrophosphate, " Am. J. Card. 42:358, 1978.
- 84. Wackers, F. J. T., et al., "Value and Limitations of Thallium-201 Scintigraphy in the Acute Phase of Myocardial Infarction, " N. Eng. J. Med. 295:1, 1976.
- 85. Weiner, O. A., et al., "Exercise Stress Testing: Correlations Among History of Angina, ST-Seg- 88. Zir, L. M., et al., "Interobserver Variability in ment Response and Prevalence of Coronary-Artery Disease in the Coronary Artery Surgery Study," N. Eng. J. Med. 301:230, 1979.
- 86. Weiss, E. S., et al., "Evaluation of Myocardial Metabolism and Perfusion With Positron-Emitting Radionuclides," Progre. Card. 20:191, 1977.
- 87. Zaret, B. L., et al., "A Non-Invasive Scintiphotographic Method for Detection of Regional Ventricular Dysfunction in Man, " N. Eng. J. Med. 284:1165, 1971.
 - Coronary Angiography," Circulation 53:627, 1976.