

**Nuclear Medicine
Annual 1989**

Leonard M. Freeman and Heidi S. Weissman, Editors, Raven Press, 1989, 307 pp, \$95.50

A compendium of varied subjects pertaining to nuclear medicine, the 1989 edition of this series offers papers on thyroid imaging, quality assurance of SPECT imaging, bone scintigraphy of stress injuries, imaging of central nervous system changes in the aged and demented, pediatric renal studies, clinical decision making, correlative imaging of bone diseases and administrative management in nuclear medicine with attention to self-assessment, governmental relations and contract-

ual arrangements.

While many of these papers are written for clinicians with detailed descriptions of pathophysiologic processes, the nuclear medicine technologist may obtain valuable information by reading selective passages from any of the offerings. Some presentations are useful in their entirety for the technologist such as the presentations on thyroid imaging, bone scintigraphy in stress injuries, pediatric renal imaging and function studies, clinical decision making, and SPECT quality assurance.

The chapter on "A Quality Assurance Program for SPECT Imaging," is most informative for technologists and physicians alike, offering useful guidance as to what should be done,

why, and how often. The chapter on clinical decision making facilitates the understanding of a complex subject of estimating the clinical usefulness of nuclear medicine procedures.

The presentation on the management of a nuclear medicine department is a timely review on the current state of affairs of governmental relations.

The book is a very fine addition to the library of a nuclear medicine service and will serve as a ready resource for comprehensive reviews of the selected subject matters.

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Answers to Self-Assessment Quiz: Renal Physiology

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|------|-------|-------|
| 1. d | 6. d | 11. c |
| 2. d | 7. b | 12. d |
| 3. c | 8. a | 13. c |
| 4. a | 9. e | 14. e |
| 5. c | 10. a | 15. a |