

# Instructional Media for Nuclear Medicine Technology

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Many educational programs across the country are becoming aware of the benefits of instructional media for self-paced independent study or as an aid to classroom presentations. Hospitals are also using instructional media for in-service programs for employees.

We have attempted to catalog all currently available instructional media. The list is incomplete since new items are constantly arriving on the market.

The approximate year of production follows the title. Additional information on the type of medium, the producer, and the cost follows. A key to the abbreviations is provided on page 135. The list will be updated in future issues of the *JNMT*.

Note: The authors do not necessarily endorse all the listed units. Prices listed have been rounded off to the nearest dollar and do not reflect exact cost.

## General Hospital Orientation

Title	Medium	Producer	Cost
<i>Anemia</i> (1970)	M	SQ	(Loan)
<i>Basic Hematology</i> (1971)	FSA	TX	\$65
<i>Blood Pressure Readings</i> (1968)	M	NMAC	65
<i>Communication: Effective Listening</i> (1971)	FSA	HTP	50
<i>Communication: Face to Face</i> (1971)	FSA	HTP	50
<i>Communication: How to Handle Complaints</i> (1971)	FSA	HTP	50
<i>Gastric Function</i> (1971)	SW	NT	16
<i>Gastrointestinal Malabsorption</i> (1967)	SW	NT	16
<i>Iron Metabolism</i> (1969)	SW	NT	16
<i>Lifting and Moving Patients</i> (1971)	FSA	TX	65
<i>Medical Asepsis</i> (1971)	FSA	TX	65
<i>Medical Terminology and Abbreviations</i> (1970)	FSA	TA	65
<i>Patient As a Person: Anxious Pt</i> (1972)	FSA	TA	50
<i>Patient As a Person: Developing Skills of Observation</i> (1972)	FSA	TA	50
<i>Steven Goes to the Hospital</i> (1971)	FSA	TA	50
<i>Temperature, Pulse, Respiration</i> (1971)	FSA	TX	65
<i>The Hospital Story</i> (1971)	FSA	TX	65

Title	Medium	Producer	Cost
<i>Verbal Barriers to Communication</i> (1971)	FSA	TX	65
<i>Your Nuclear Medicine Examination</i> (1975)	SA	NA	95

## Physics of Nuclear Medicine Technology

<i>Activation Analysis</i> (1973)	SA	SNM	36
<i>Basic Radiation Biology</i> (1973)	SA	SNM	44
<i>Biochemistry and Physiology of Radiopharmaceuticals</i> (1973)	SA	SNM	23
<i>Biological Effects of Nuclear Radiation</i> (1969)	S8C	CCM	20
<i>Decontamination Techniques with Radioactive Materials</i> (1970)	S8C	EB	18
<i>Determination of Half-Life of a Radioisotope</i> (1970)	S8C	EB	18
<i>Disposal of Radioactive Waste</i> (1970)	S8C	EB	18
<i>Dosimetry and Radiation Safety</i> (1973)	SA	SNM	44
<i>Handling Radioactive Materials</i> (1970)	S8C	EB	22

Title	Medium	Producer	Cost	Title	Medium	Producer	Cost
<i>Interaction of Radiation with Matter</i> (1973)	SA	SNM	23	<i>Determining Half-Life of a Radioisotope</i> (1972)	S8M	EB	18
<i>Measurements of Radiation</i> (1973)	SA	SNM	36	<i>Diagnosis and Therapy with Radioiodine</i> (1973)	SA	SNM	44
<i>Production and Decay of Radionuclides</i> (1973)	SA	SNM	36	<i>Disposal of Radioactive Wastes</i> (1972)	S8M	EB	18
<i>Radiation Effects on Chromosomes</i> (1970)	S8C	HR	25	<i>Dynamic Brain Imaging</i> (1974)	SA	SNM	41
<i>Radiation Safety</i>	FS	N	8	<i>Dynamic Renal Studies</i> (1974)	SA	SNM	41
<i>Radioactive Decay</i> (1970)	S8C	HR	19	<i>Evaluation of Liver Disease</i> (1975)	SA	NA	135
<i>Radioactivity</i> (1970)	S8C	HR	25	<i>Fresnel Zone Plate Imaging</i> (1973)	SA	SNM	15
<i>Radiologic Physics</i> (1972)	S	MV	49	<i>Gamma Camera Screening for Renal and Urinary Tract Diseases</i> (1973)	SW	MC	65
<i>Radiological Monitoring</i>	FS	N	8	<i>Handling Radioactive Materials</i> (1972)	S8M	EB	22
<i>Range of Alpha Particles</i>	FS	N	8	<i>Hematologic Procedures</i> (1973)	SA	SNM	23
<i>Statistics for Nuclear Medicine</i> (1973)	SA	SNM	30	<i>Hepatic Scintiangiography</i> (1973)	SA	SNM	15
<i>Structure of Matter</i> (1973)	SA	SNM	23	<i>Imaging, Special Considerations in Pediatrics</i> (1973)	SA	SNM	23
<b>Clinical Nuclear Medicine</b>				<i>Imaging, Static and Dynamic, Cardiovascular</i> (1973)	SA	SNM	30
<i>Bone Imaging</i> (1973)	SA	SNM	44	<i>Imaging, Static and Dynamic, Central Nervous System</i> (1973)	SA	SNM	30
<i>Brain Scan Examination Procedure</i> (1973)	SA	NA	75	<i>Imaging, Static and Dynamic, Liver and Pancreas</i> (1973)	SA	SNM	36
<i>Cerebro-Vascular Disorders</i> (1975)	SA	NA	135	<i>Imaging, Static and Dynamic, Pulmonary</i>	SA	SNM	23
<i>Clinical Aspects and Uses of Non-Antigenic Protein Binding Assays</i> (1973)	SA	SNM	30	<i>Imaging, Static and Dynamic, Renal</i> (1973)	SA	SNM	23
<i>Clinical Aspects and Uses of Radioimmunoassay</i> (1973)	SA	SNM	44	<i>Imaging, Static and Dynamic, Skeletal</i> (1973)	SA	SNM	23
<i>Congenital Heart Disease</i> (1975)	SA	NA	135	<i>Introduction to Radioimmunoassay</i> (1974)	SA	B	93
<i>Conversational Ethics for the Technologist in Nuclear Medicine</i> (1975)	SA	NA	75	<i>In-Vitro Thyroid Testing</i> (1975)	SA	NA	135
<i>Coronary Artery Scintigraphy Using <sup>99m</sup>Tc Albumin Microspheres</i> (1973)	SA	SNM	20				
<i>Cystic Thyroid Nodule</i> (1973)	SA	SNM	15				

Title	Medium	Producer	Cost	Title	Medium	Producer	Cost
<i>Liver Scanning</i> (1973)	SA	NAC	17	<i>Radionuclide</i>			
<i>Lung Imaging</i> (1974)	SA	SNM	41	<i>Evaluation of</i>			
<i>Lung Scanning</i> (1975)	V	VIP	(rent \$40)	<i>Splenic Disease and</i>			
<i>Lung Scanning and</i>				<i>Function</i> (1971)	SW	MX	19
<i>Gamma Camera</i>				<i>Radionuclide</i>			
<i>Studies Using <sup>131</sup>I-</i>				<i>Evaluation of</i>			
<i>MAA and <sup>133</sup>Xe</i>				<i>Thyroid Function</i>			
(1971)	SW	MX	19	<i>and Pathology</i>			
<i>Myocardial Imaging</i>				(1971)	SW	MX	19
<i>with Newly</i>				<sup>84</sup> Rb <i>Coincidence</i>			
<i>Developed</i>				<i>Counting in</i>			
<i>Radionuclides</i>				<i>Assessing</i>			
(1973)	SA	SNM	20	<i>Myocardial</i>			
<i>Neuroradiology</i> (1975)	A	ICE	30	<i>Perfusion</i> (1973)	SA	SNM	20
<i>Nuclear Medicine</i> (Vol.				<i>Regional Myocardial</i>			
<i>I-V</i> ) (1974)	A	ICE	30	<i>Dysfunction in</i>			
<i>Nuclear Medicine</i>				<i>Children and Adults</i>			
<i>Diseases of the CNS</i>				(1973)	SA	SNM	20
(1973)	SW	MC	65	<i>Renal Function</i>			
<i>Pancreatic Scan</i> (1973)	SW	MC	65	<i>Evaluation</i> (1975)	SA	NA	135
<i>Pediatric Nuclear</i>				<i>Renal Imaging</i> (1973)	SA	SNM	44
<i>Medicine</i>				<i>Review of Single</i>			
<i>Technology</i> (1973)	SA	SNM	44	<i>Detector</i>			
<i>Pertechnetate</i>				<i>Determinations of</i>			
<i>Angiocardigraphy</i>				<i>Cardiac Output(a).</i>			
(a). <i>Quantification</i>				<i>Radionuclide</i>			
<i>of R to L Shunts</i>				<i>Angiocardigraphy</i>			
<i>with <sup>99m</sup>Tc-</i>				<i>in the Assessment</i>			
<i>Albumin</i>				<i>of Left Ventricular</i>			
<i>Microspheres</i> (b)				<i>Performance</i> (b)			
(1973)	SA	SNM	40	(1973)	SA	SNM	40
<i>Physiology of the</i>				<i>Skeletal Disease</i>			
<i>Central Nervous</i>				<i>Evaluation</i> (1975)	SA	NA	135
<i>System</i> (1972)	SA	MV	52	<i>Skeletal Imaging</i>			
<i>Principles of</i>				(1973)	SA	SNM	41
<i>Radioimmunoassay</i>				<i>Some Applications of</i>			
(1975)	SA	NA	135	<i>Brain Scanning and</i>			
<i>Pulmonary Disease</i>				<i>Angiography</i> (1971)	SW	MX	19
<i>Evaluation</i> (1975)	SA	NA	135	<i>Some Applications of</i>			
<i>Radioimmunoassay</i>				<i>Liver Scanning</i>			
<i>and Other</i>				(1971)	SW	MX	19
<i>Saturation Analysis</i>				<i>Static Brain Imaging</i>			
<i>Techniques</i> (1974)	SA	SNM	41	(1974)	SA	SNM	41
<i>Radioisotope Scanning</i>				<i>Static Cardiac Blood</i>			
<i>in Medicine</i> (1968)	M	HFC	190	<i>Pool Imaging</i> (a).			
<i>Radionuclides and the</i>				<i>Differentiation of</i>			
<i>Heart</i> (1974)	SA	SNM	41	<i>Pericardites from</i>			
<i>Radionuclide</i>				<i>Pericardial</i>			
<i>Angiography</i> (1974)	SA	NA	135	<i>Effusion with</i>			
<i>Radionuclide</i>				<sup>99m</sup> TcO <sub>4</sub> <sup>-</sup> (b) (1973)	SA	SNM	20
<i>Cisternography in</i>				<i>Studies of Body</i>			
<i>Adult</i>				<i>Composition</i> (1973)	SA	SNM	23
<i>Hydrocephalus</i>				<i>Studies of GI</i>			
(1973)	SA	SNM	41	<i>Absorption and</i>			
				<i>Loss</i> (1973)	SA	SNM	23

Title	Medium	Producer	Cost	Title	Medium	Producer	Cost
<i>Technetium-99m Theoretical Basis of Displacement and Binding Assays</i> (1973)	SA	SNM	21	<i>Concept and Use of the Pho/Gamma Scintillation Camera: The Lungs</i> (1972)	FSA	SR	55
<i>Thyroid Diseases: Diagnosis and Treatment</i>	SW	MC	65	<i>Concept and Use of the Scintillation Camera: The Kidneys</i>	FSA	SR	55
<i>Thyroid Function Studies</i> (1975)	V	VIP	(rent \$40)	<i>Concept and Use of the Scintillation Camera: Liver, Spleen, and Bone Marrow</i> (1972)	FSA	SR	55
<i>Thyroid Scanning</i> (1974)	SA	SNM	41	<i>Energy Selective Counting—Basic and Special Considerations</i> (1973)	SA	SNM	36
<i>Thyroid Uptake Testing</i> (1974)	SA	SNM	41	<i>Focused Collimators</i> (1973)	SA	NAC	17
<i>Tools of Discovery</i> (1972)	M	EB	135	<i>Imaging Devices</i> (1973)	SA	SNM	36
<b>Nuclear Medicine Instrumentation</b>				<i>Instrumentation—Imaging Devices</i> (1974)	SA	B	135
<i>Aspects of Liquid Scintillation Counting</i> (1974)	SA	B	94	<i>Nuclear Imaging Instrumentation, Part I</i> (1975)	SA	NA	135
<i>Characteristics of Photographic and Other Media for Image Display</i> (1973)	SA	SNM	22	<i>Nuclear Imaging Instrumentation, Part II</i> (1975)	SA	NA	135
<i>Collimated Detectors</i> (1973)	SA	SNM	36	<i>Nuclear Radiation Detectors</i> (1969)	S8C	CCM	60
<i>Computer Fundamentals</i> (1973)	SA	SNM	45	<i>Pointers for Improved Use of the Scintillation Camera</i> (1973)	SA	SNM	44
<i>Concept and Use of the Pho/Gamma Scintillation Camera</i> (1972)	FSA	SR	55	<i>Principles of Gamma Counting</i> (1974)	SA	B	125
<i>Concept and Use of the Pho/Gamma Scintillation Camera: The Brain</i> (1972)	FSA	SR	55	<i>Scintiscanning</i> (1973)	SW	MC	65
				<i>Use of Scintillation Camera</i> (1973)	SA	SNM	44

### Key to Symbols

#### Medium

A: audiotape only  
 FS: film strip only  
 FSA: film strip with audiotape  
 M: 16-mm movie  
 S: slides only  
 SA: slides with audiotape  
 SW: slides with written material  
 S8C: super 8-mm cartridge

S8M: super 8-mm movie  
 V: video cassettes

#### Producers

B: Beckman, 2500 Harbor Blvd., Fullerton, Calif. 92634  
 CCM: Cambosco, Inc., 342 Western Ave., Boston, Mass. 02135

- EB: Encyclopedia Britannica Educational Corp., 425 N. Michigan Ave., Chicago, Ill. 60611
- HFC: Handel Film Corp., 8730 Sunset Blvd., W. Hollywood, Calif. 90069
- HR: Harper & Row, 49 E. 33 St., New York, N.Y. 10016
- HTP: Harris-Tuckman Production, 751 N. Highland Ave., Hollywood, Calif. 90038
- ICE: Institute of Continuing Education, Sawyer, Mich. 49125
- MC: Medcom, Inc., 2 Hammarckjold Plaza, New York, N.Y. 10017
- MV: Medi-Visuals, Inc., 342 Madison Ave., New York, N.Y. 10017
- MX: Micro X-Ray Recorder, Inc., 3755 W. Lawrence, Chicago, Ill. 60625
- N: The Nucleus, P.O. Box R, Oak Ridge, Tenn. 37830
- NA: Nuclear Associates, 35 Urban Ave., Westbury, N.Y. 11590
- NAC: National Audiovisual Center (GSA), Washington, D.C. 20409
- NMAC: National Medical Audiovisual Center, Atlanta, Ga. 30324
- NT: Nutrition Today, 1140 Connecticut Ave., N.W., Washington, D.C. 20036
- SNM: Society of Nuclear Medicine, 475 Park Ave. S., New York, N.Y. 10016
- SQ: Squibb, 909 3rd Ave., New York, N.Y. 10022
- SR: Searle Radiographics, 2000 Nuclear Dr., Des Plaines, Ill. 60018
- TA: Trainaid, 229 N. Central Ave., Glendale, Calif. 91203
- TX: Trainex, P.O. Box 116, Garden Grove, Calif. 92642
- VIP: Video Instructional Programs, 730 Waukegan Rd., Suite 103, Deerfield, Ill. 60015