

LECTURER'S VITAE

IAEA-ARGONNE TRAINING COURSE

Name: Yakov Pipman
Present Position: Medical Physicist
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Scope of Present Duties:

Consulting and Mentoring on Medical Physics, Dosimetry, and applications in Radiation Therapy. Train and mentor in Quality and Safety processes in Radiotherapy. Chair the International Educational Activities Committee of the AAPM. VP of "Medical Physicists without Borders". Chair of Professional Relations Committee of the IOMP.

Most Relevant Past Experience:

Planned, directed and implemented the acquisition, commissioning and clinical use of multiple Radiation treatment systems (Linear accelerators, Brachytherapy Remote afterloaders, CT simulators and their associated subsystems.)

Developed and directed the Quality Assurance program and dosimetry systems in a Radiotherapy Department across several campuses.

Advise and consult the clinical radiation staff (Physicians and Radiation Therapy Technologists) on matters of patient safety, dosimetry and treatment planning.

Research, develop and implement new and advanced Radiotherapy techniques in coordination with clinical staff.

Consult and advise Hospital administration, and liaise with other technical departments, on the technical, dosimetric and radiation safety aspects of radiotherapy.

Lecture, train and teach physics, dosimetry, technical and other staff.

Maintain professional standards and Continuing Education of Staff.

Implement, direct and assure compliance with City, State and Federal regulatory requirements.
Directed and supervised several Medical physicists in their clinical and research projects, up to and including PhD thesis work.
Consulted on radiotherapy Physics projects through the IAEA in several Technical Cooperation projects and served as Expert of the IAEA.
Lectured internationally for over 26 years on a variety of Radiation Therapy Physics equipment, procedures and quality and Safety, in Latin America, Africa and Europe.

Educational Background:

1980-81	Memorial Sloan Kettering Cancer Center, New York, USA	Post Doctoral Fellow in
	Medical Physics	
1976- 78	Massachussets Institute of Technology, Cambridge MA, USA	Post Doctorate in
	Physics	
1972 -76	Technion, Israeli Institute of Technology, Haifa, Israel	D.Sc. Physics
1969 -72	Technion, Israeli Institute of Technology, Haifa, Israel	M. Sc. Physics
1964 -68	Technion, Israeli Institute of Technology, Haifa, Israel	B. Sc. Physics

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