



# **Overview of ACMUI Activities**

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# **ACMUI Purpose**

- **The ACMUI exists to advise the NRC staff, and thus you, the Commission, on policy on medical uses of radionuclides.**
- **Also, provide technical assistance and serve as consultants.**

# Membership Positions

- **Health Care Administrator**
- **Nuclear Medicine Physician**
- **2 Radiation Oncologists**
- **Nuclear Cardiologist**
- **Diagnostic Radiologist**
- **2 Medical Physicists**
- **Nuclear Pharmacist**
- **Radiation Safety Officer**
- **Patients' Right Advocate**
- **Agreement State Representative**
- **U.S. FDA Representative**

# **Some topics addressed by the ACMUI in the last 6 months**

- **Refining some aspects of the 10 CFR Part 35 Rulemaking,**
- **Issues involved with patient release following iodine-131 therapy,**

# **ACMUI Topics (Continued)**

- **The NRC's Medical Policy Statement,**
- **The ACMUI bylaws,**
- **Inconsistencies in tables in regulations leading to problems with decommissioning  $^{68}\text{Ge}/^{68}\text{Ga}$  generators,**

# **ACMUI Topics (Continued)**

- **Medical events, for all medical applications with particular attention to those involving yttrium-90-labeled microspheres,**
- **Medical event databases,**

# **ACMUI Topics (Continued)**

- **The physical presence requirement for gamma stereotactic radiosurgery units,**
- **Safety Culture and the relationship between the NRC and the medical community,**

# **ACMUI Topics (Continued)**

- **Issues concerning the supply of <sup>99</sup>Mo, and**
- **The Advance Notice of Proposed Rulemaking for 10 CFR Part 20.**

# Current ACMUI Topics

- **Continuing discussions of:**
  - **Patient release**
  - **The  $^{68}\text{Ge}/^{68}\text{Ga}$  decommissioning funding plan issue**
  - **Review of medical events**
  - **Compatibility Category for medical events**

# **Current ACMUI Topics (Continued)**

- **Continuing discussions of:**
  - **Physical presence requirement for gamma stereotactic radiosurgery units,**
  - **Part 35 Rulemaking Status**
  - **Abnormal Occurrence Status.**

# **Current ACMUI Topics (Continued)**

- **Radioactive Seed Localization Guidance,**
- **“Patient intervention” definition, and**
- **Guidance for handling bodies of the deceased containing  $^{90}\text{Y}$  microspheres,**

# **Current ACMUI Topics (Continued)**

- **The possibility of establishing a periodic stakeholder topical meeting.**

# **Present and Future**

**The ACMUI currently has a number of issues under discussion and it seems that this will continue, possibly increasingly so if we begin topical stakeholder meetings.**

# **Acronyms**

**ACMUI – The Advisory Committee  
on Medical Uses of Isotopes**

**FDA – The Food and Drug  
Administration**

**NRC – The U.S. Nuclear Regulatory  
Commission**