



Overview of ACMUI Activities

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ACMUI Commission Meeting
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Agenda

- Overview of ACMUI Activities
 - ACMUI Purpose
 - Membership
 - ACMUI Topics
 - Present and Future

ACMUI Purpose

- The ACMUI exists to advise the NRC staff, and thus you, the Commission, on policy on medical uses of radionuclides.
- Also, to 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

* Pending security clearance

ACMUI Topics Addressed in Last Year

- T & E requirements for 35.100 uses (unsealed byproduct material for uptake, dilution, and excretion studies for which a written directive is not required)
- ME reporting for all modalities excluding permanent implant brachytherapy

ACMUI Topics (Continued)

- Clarification of patient intervention
- ME reporting and its impact on patient safety culture
- Guidelines for nursing mothers administered diagnostic and therapeutic radiopharmaceuticals

ACMUI Topics (Continued)

- Potential changes to the NRC's Patient Release Program
- Physical presence requirements for the Leksell Gamma Knife Icon
- Progress in improving ACMUI internal and external communications.

Current ACMUI Topics

- Continuing discussions:
 - T&E for AUs of all modalities (current focus on 35.300 uses)
 - Review of MEs
 - Impacts of ME reporting on patient safety culture

Current ACMUI Topics (Continued)

- Potential revisions to Regulatory Guide 8.39, “Release of patients administered radioactive materials”
- Ways to enhance communications between the NRC staff, the ACMUI, and the medical community.

Present and Future

The ACMUI currently has a number of issues under discussion. As new issues arise, including emerging technologies, we will address and provide advice on aspects relevant to safe handling of radioactive sources.

Acronyms

- **ACMUI** – The Advisory Committee on Medical Uses of Isotopes
- **AUs** – Authorized Users
- **FDA** – U.S. Food and Drug Administration
- **ME** – Medical Event
- **NRC** – U.S. Nuclear Regulatory Commission
- **T&E** – Training and Experience