Insights on Identifying Medical Events During Inspections

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“The Devil is in the Details”
Inattention to Detail

• Has caused medical events

• Has resulted in missed opportunities for licensees to identify medical events

• Has probably resulted in missed opportunities for inspectors to identify medical events.
Identification of medical events is usually not fast or easy
Understand the Licensee’s Processes and Procedures Through Observations, Interviews, and Record Reviews
Positioning the patient for treatment
• As you look at the licensee’s processes and procedures, look for vulnerabilities for errors
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Low Dose Rate Brachytherapy
Cs-137 GYN Medical Event
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Low Dose Rate Brachytherapy
Cs-137 GYN Medical Event
HDR

GYN Medical Event
HDR
GYN Medical Event
HDR
GYN Medical Event
HDR
GYN Medical Event
Breast Medical Event
Breast Medical Event
Breast Medical Event
HDR
Catheter Problem Medical Event
HDR
Catheter Problem Medical Event
HDR
Catheter Problem Medical Event
Positioning the patient for treatment

Collimators - 4mm, 8mm, 14mm, 18mm

Leksell Stereotactic Frame
GSR

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Leksell Stereotactic Frame
Radiopharmaceutical Therapy

Gamma Emitters
Root Cause and Contributing Causes
Root Cause and Contributing Causes
Root Cause and Contributing Causes
Corrective Actions
Iodine-131 Medical Event
Beta Emitters
Radioactivity Measurements
Technetium-99m Event
QUESTIONS?