

MAKE NUCLEAR MEDICINE SAFER.

Why an Extravasation Matters to You.

What is an Extravasation?

When radiopharmaceuticals are mistakenly injected into the tissue rather than the vein during a nuclear medicine procedure.



Why is a Large Extravasation Harmful?



MISDIAGNOSIS

A large extravasation can affect image quality and quantification.



INCORRECT TREATMENT

Misdiagnosis can lead to incorrect or unnecessary treatment.



INJURY

A large extravasation can lead to skin or tissue damage, weeks to years after injection.

For 43 years, the U.S. Nuclear Regulatory Commission (NRC) has allowed all extravasations to go unreported, despite the risk of injury and misdiagnosis. Now the NRC proposes placing the reporting burden on patients rather than on nuclear medicine clinicians.

How Congress Can Help

The **Patients for Safer Nuclear Medicine Coalition** is urging Congress to enact legislation that would require the NRC to fulfill its obligation to safeguard patients by mandating hospitals to report large extravasations, just as they are required to report all other large unintentional irradiation incidents.

Annual U.S. Occurrence



30 Million
Radiopharmaceutical
Administrations



1 Patient Extravasated
Every **56 Seconds**



500K+ Patients
Harmed by
Large Extravasations

Source: The Scientific and Clinical Case for Reviewing Diagnostic Radiopharmaceutical Extravasation Long-Standing Assumptions

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