

Evrysdi and Exposure to Airport Security X-ray Equipment

This article responds to your request for information on Evrysdi® (risdiplam) and exposure to airport security x-ray equipment.

Background information

Airport security x-ray equipment typically emit low doses of radiation. The dose of radiation that scanned objects typically receive from security x-ray equipment is 1 millirad or less.¹ For comparison, people receive on average a radiation dose of about 620 millirad each year. Half of this dose comes from natural background radiation.^{1,2}

Effect of x-ray security equipment on Evrysdi

The FDA states that there are no known adverse effects from eating food, or taking medicine that have been irradiated by x-ray equipment used for security screening.¹

Roche has not tested the effect of radiation emitted by security x-ray equipment on the stability of Evrysdi solution. Exposure to the level of radiation emitted by such devices and the radiation experienced in a typical airplane flight is not expected to impact Evrysdi solution.¹

References

1. US Food and Drug Administration. Frequently Asked Questions on Cabinet X-ray Systems. . Available at <https://www.fda.gov/radiation-emitting-products/security-systems/frequently-asked-questions-cabinet-x-ray-systems>. Accessed on July 14, 2023.
2. U.S. Nuclear Regulatory Commission. Doses in Our Daily Lives. Available at <https://www.nrc.gov/about-nrc/radiation/around-us/doses-daily-lives.html>. Accessed on September 5, 2023.