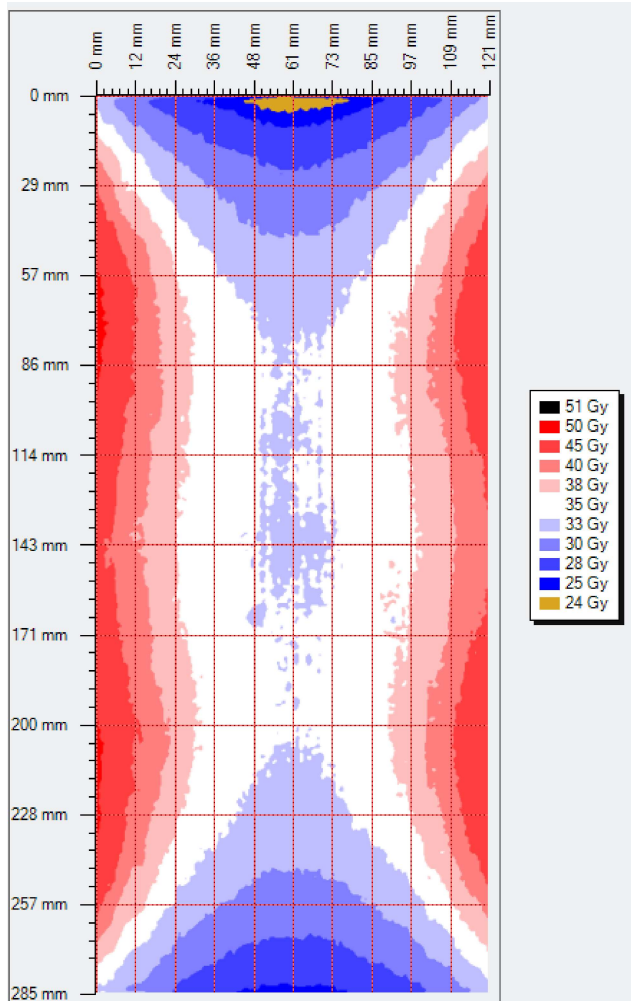


Batching



- Batching is the practice of using one or two indicators per batch of blood rather than one indicator per component
 - You may see customers doing this in your market. This is mainly done to save money. This practice negates much of the value and benefit of using an indicator

Below are the reasons that your customer should not engage in batching

1) The absorbed dose in a blood irradiator chamber varies

- As you can see in the picture (a sample from a Dose-Map report), the dose in any given chamber is not uniform. There are hot spots and cold spots. How can you be sure that every product received the minimum dose if the dose is not uniform?
- By placing a Rad-Sure on every bag, this problem is solved
- A product with an indicator that does not “turn”/change can be pulled from circulation

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Batching

2) Prevention of Human Error

- In the modern hospital/blood bank environment there is a premium placed on efficiency, speed, and accuracy.
 - Historically, in blood processing facilities, as with most human endeavors, preventable mistakes have been made that have led to patient injury and death.
 - In all of the medical industry, labeling errors are very common and can be costly
 - For blood banks labeling errors still occur, mainly in blood typing and sample labeling
 - Traditional labeling of irradiated products is done with a sticker that says “Irradiated”.
 - This sticker provides no evidence of irradiation.
- When Rad-Sure is added before the blood is irradiated and will only react once exposed to the desired minimum dose required to prevent TA-GvHD.
 - Rad-Sure provides visual confirmation to everyone who will read it, from the operator to the nurse transfusing the blood to the patient, that the product has been irradiated to the proper dose to prevent TA GvHD.

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