

## Creating filter based on repeating OBX segment for two fields (OBX 3.1 and OBX 5.1)

Question

[Nicole Febres](#) · Nov 12, 2020

## Creating filter based on repeating OBX segment for two fields (OBX 3.1 and OBX 5.1)

Hi, I am trying to filter transactions based on a value within OBX 3.1 and OBX 5.1 within the same repeating segment. The segment looks like this

```
OBX|60|ST|RADONCPT||Y|
```

I originally tried this within a routing rule

```
(HL7.{OBX():3.1} Contains "<RADONCPT>")&&(HL7.{OBX():5.1} Contains "<Y>"))
```

This didn't work because if the RADONCPT was present and another OBX segment contained Y, it would still pass. I am now looking to do this via a DTL, but I am stuck. Is there a way to skip transforming a message based on if a value matches both OBX 3.1 and OBX 5.1 within the same segment? I understand I need to do a loop (which I tried at the very top of the DTL), but its not transforming the message.

Thanks

[#HL7](#) [#Ensemble](#) [#InterSystems](#) [IRIS for Health](#)

00 3 0 5 104

[Log in or sign up to continue](#)

[Add reply](#)

**Source URL:** <https://community.intersystems.com/post/creating-filter-based-repeating-obx-segment-two-fields-obx-31-and-obx-51>