

## Question

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# Removing a duplicate OBX from a DTL / HL7 Result

Hi Community,

I am trying to remove a duplicate OBX from a result, but I am running into some issues. Let me explain.


First I had a OBX where the observation Value had the blood type in it and the following OBX had the result in it.

The clients wants the blood type and the result in one field. therefore I merged / concatenated the observation values of the two OBX's.

I tried removing the OBX:2 but just cant take the whole segment out.

please see examples below

This is the result.



6	*	OBX		1		CE		%ABR ^ ABO/RH(D) ^ %ABR ^ L ^ 882-1 ^ ABO/RH(D) ^ LN ^ _		1		AB		_		_		_		_		E		_		_		2		
7	*	OBX		2		CE		%ABR ^ ABO/RH(D) ^ %ABR ^ L ^ 882-1 ^ ABO/RH(D) ^ LN ^ _		2		NEGATIVE		_		_		_		_		E		_		_				
8	*	OBX		3		CE		%AS ^ Antibody Screen ^ %AS ^ L ^ 890-4 ^ Antibody Screen ^ LN ^ _		1		POSITIVE		_		_		_		_										
9	*	OBX		4		CE		%ABR ^ ABO/RH(D) ^ %ABR ^ L ^ 882-1 ^ ABO/RH(D) ^ LN ^ _		2		NEGATIVE		_		_		_		_		E		_		_				


This is the concatenation of the two OBX's



6	*	OBX		1		CE		%ABR ^ ABO/RH(D) ^ %ABR ^ L ^ 882-1 ^ ABO/RH(D) ^ LN ^ _		1		AB NEGATIVE		_		_		_		_		E		_		_				
7	*	OBX		2		CE		%ABR ^ ABO/RH(D) ^ %ABR ^ L ^ 882-1 ^ ABO/RH(D) ^ LN ^ _		2		NEGATIVE		_		_		_		_		E		_		_				



Trying to remove the Negative OBX / Result in the Observation value



6	*	OBX		1		CE		%ABR ^ ABO/RH(D) ^ %ABR ^ L ^ 882-1 ^ ABO/RH(D) ^ LN ^ _		1		AB NEGATIVE		_		_		_		_		E		_		_				
7	*	OBX		2																										

28	✖	if	source.[PIDgrpgrp(k1).ORCgrp(k2).OBR.DiagnosticServiceSectionID]="BB"	
29	✖	set	target.[PIDgrpgrp(1).ORCgrp(k1).OBXgrp(k2).OBX.ObservationValue()])_=" "(source.[PIDgrpgrp(1).ORCgrp(k1).OBXgrp(1).OBX.ObservationValue()])_=" "(source.[P...	--
30	✖	for each	target.[PIDgrpgrp(1).ORCgrp(k1).OBXgrp(1).OBXgrp(1).OBX.ObservationValue()])_=" "(source.[PIDgrpgrp(1).ORCgrp(k1).OBXgrp(1).OBX.ObservationValue()])_=" "(source.[P...	k3
31	✖	if	target.[PIDgrpgrp(1).ORCgrp(k1).OBXgrp(k3).OBX.ObservationValue()]="NEGATIVE"	
32	✖	remove	target.[PIDgrpgrp(1).ORCgrp(k1).OBXgrp(k3).OBX]	--
33		else		
34		endif		
35		endeach		
36		else		
37		endif		

Any help / insight would be greatly appreciated.

Thank you

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