

## Question

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## BPL and Workflow - check/authorisation of HL7 Message

Hi Everyone,

I'm currently implementing an interface solution to send through data to community pharmacies here in the UK from our hospital PAS system. As part of this project i have created a BPL which calls a SQL operation to infiltrate our Data warehouse and add to the message - this is all done and working as i expect.

What I now need to implement is something through Workflow- the idea is the hospital pharmacy team wish to approve and authorise the message before it is sent onto the outbound operation, so i have set up the workflow, set up the actions to enable the pharmacist to approve / reject., and as part of that i have taken some of the fields within the HL7 message, set to context variables and then im able to pull those into the workflow task request as %Formfields and %formValues, which works great for single fields. This is then arranged via a custom form/ csp page.

What im wondering is if it is possible at all to "tabulate" a repeating HL7 segment (in this instance OBX) and then display that within the form e.g:

HL7 Message example (its all test data)

1	MSH		^~&		CSCLCRC		RTG		TIE		RTG		20200113132714		655127217104		ADT	^	A03	^	ADT	A03		600000461706		P							
2	EVN		.		20200113132714		.		IDS-C		.		.		.		.		.		.		.		.		.		.				
3	PID		1		.		02038625	^	.	^	.	^	RTG	^	FACIL	^	RTG		.		GPTEST	^	MAGNYCOURS		.		19760104000000		M		.		.
4	PD1		.		.		BARTON	^	.	^	M83065	^	.	^	.	^	NATNL		G8344731	^	SHILTON	^	AL	^	.	^	DR	^	.	^	NATGP	^	.
5	PV1		1		.		CMAU	^	RDMHL1MAU	^	RDMHL1MAUBAYA1BED3	^	RTG	^	NORMAL	^	BEDSPACE	^	.	^	RDMHL1MAUBAYA1		.		.		.		.		.		.
6	PV2		.		.		3		.		.		.		.		20200116131100		.		.		.		.		.		.		.		.
7	ZU1		.		8		.		.		.		.		.		.		.		.		.		.		.		.		.		.
8	OBX		1		mirtazapine		NULL		.		.		.		.		.		.		.		.		.		.		.		.		.
9	OBX		2		omeprazole		NULL		.		.		.		.		.		.		.		.		.		.		.		.		.
10	OBX		3		tamsulosin hydrochloride		400micrograms		.		.		.		.		.		.		.		.		.		.		.		.		.
11	OBX		4		warfarin sodium		NULL		every DAY at 6pm		.		.		.		.		.		.		.		.		.		.		.		.

Custom workflow form: (note not finished so ordering all over the place, and just put the HL7 message into the form just so i could see it.)

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#HL7 #Ensemble

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