



Populating Query Fields from HL7 Interfaces

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Meditech can populate your query fields from your inbound interfaces either using an OBX or NTE segment. The process can be very simple if you have an interface engine. If your organization does not utilize an interface engine, you will need to have the originating software vendor of the HL7 message modify their message. Either way, you will need to have the following message added to the segment: The inbound interface with Meditech will determine if you are going to use an OBX or NTE Segment. Check with your NMI Specialist to confirm.

For this example we are going to use an OBX Segment:

```
OBX|1|TX|Queryfield.Mnemonic^Query Field Description^MOD||232444|||||
```

OBX – Segment ID

OBX1 – Set ID

OBX2 – HL7 Table 125

Meditech can utilize (from Table 125)

☑ CE - Coded Entry (indicates a Group Response query type)

☑ TX - Text (indicates a free text query type)

OBX3 – Query Mnemonic

Subfield 1 = Query Mnemonic

Subfield 2 = Query Mnemonic Description

Subfield 3 = Interface Module (OM, ADM, Etc.)

OBX5 – Value

Here is what the full Inbound Orders HL7 Message with the OBX inserted:

```
MSH|^~\&||XXX|||201111251342||ADT^A04|633926|D|2.4||AL|NE|
EVN||201111251342|||KFREDERICK^FREDERICK^KEVIN|201111251340|
PID|1||M000000847^^^^MR^XXX^E0-
20111125134209972^^^^PI^XXX^E00000927^^^^HUB^XXX||TESTNMI^MICKEY^^^^L||19360101|M||CA|100
MAIN STREET^^GROTON^NY^13073||(607)555-1212||W|CATHOLIC|A00000001477|
NK1|1|TESTNMI^SON|SON^SON|1000 MAIN STREET^^MYTOWN^NY^14850|(607)555-1212||NOK|
NK1|2|TESTNMI^SON|SON^SON|1000 MAIN STREET^^MYTOWN^NY^14850|(607)555-1212||NOT|
NK1|3|RET||||EMP||||RETIRED|
PV1|1|O|LAB|EL|||DRJONES^JONES^DOCTOR^^^^^^^^^XX||||OFFICE||REF||BC||||||||||||||XX
X||REG|||201111251340|
PV2||||||||1||||||||EL||||||N|
ROL|1|AD|AT|DRJONES^JONES^DOCTOR^^^^^^^^^^^^XX|
OBX|1|TX|LAB.REQUISITION^REQUISITION NUMBER^OM||232444|||||
DRG|28|
GT1|1||TESTNMI^MICKEY||100 MAIN STREET^^MYTOWN^NY^13073|(607)555-1212||||SELF||||RET|
IN1|1|BC|BLUE CROSS|PO BOX 4809^^MYTOWN^NY^13221-4809|||(800)920-
8889||||RET||||TESTNMI^MICKEY|SELF|19360101|100 MAIN
STREET^^MYTOWN^NY^13073||||||||||||||||M|
IN2|1||||||||||||||||CA|W||||||||||||||||(607)555-1212|
UB2|1|||||11^20111026|
```