



# HL7 Interface Inbound Order Specifications

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*Follow the rules. Exceed the standard*

This document presents the HL7 Interface functionality designed to transfer patient schedule and demographic data from the RIS/HIS system to NMIS (Nuclear Medicine Information System)

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# ORM Message from RIS to NMIS

## 1. Introduction

This document presents the HL7 Interface functionality designed to transfer patient schedule and demographic data from the RIS/HIS system to NMIS (Nuclear Medicine Information System).

## 2. ORM Specifications

	Mandatory for NMIS	Suggested position in ORM^O01
Patient Name	Y	PID 5
Patient Address	N	PID 11
Phone 1	N	PID 13
Phone 2	N	PID 14
Religion	N	PID 17
Marital status	N	PID 16
Sex	Y	PID 8
Birth Date	Y	PID 7
Patient MR #	Y	PID 3
Patient Status	N	PV1 2
Room Floor	N	PV1 3
Doctor1	N	ORC 12
Doctor2	N	PV1 7
Refer Name	N	PV1 8
Tech	N	ORC 10
Exam	Y	OBR 4 e.g.NUC0049^BONE SCAN
Exam Date Time	Y	ORC 7.4
Weight	N	OBR 20.1
Weight Units	N	OBR 21.1
Height	N	OBR 20.2
Height Units	N	OBR 21.2

### 2.1 Fields required to populate NMIS Scheduler Screen

Field Name	Mandatory for NMIS	Suggested position in ORM^O01
Accession #	Y	OBR 3.1
Order Control Value	Y	ORC 1 NW – New Order CA – Cancel Order SC – Update Order

### 2.2 Fields transferred for interface's internal use

# ORM Message from RIS to NMIS

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## 3. HL7 Enterprise Version

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For the HL7 enterprise interface version (interface with multiple NMIS sites), this message will be sent to a site based on a routing token in the message.

## 4. Sample Messages

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NMIS Scheduler – New Schedule  
ORM^O01

```
MSHI^~\&INMISHL7INuclear Technology LabINMIS||200501050707||ORM^O01|10631800|PI2.3||  
PID||6383333||TESTPATIENT^ONE^A^^||19390221|M||333 6505 3RD AVENUE^^DELTA^NJ^08846||  
(732)111-2222||||00638333-3/0021|||||||  
PV1||O|PNM^^^SPH||3802^Doc^Test^V|683^Doc2-test^P|| |||||  
ORCINW||1295400||PI||^200501050730||200412311023||3802^Doc^Test^V|||||  
OBR|| |1295400|ABONE^BONE-ONE AREA | |200501050730||||||1295400|||||^200501050730  
|||||
```

NMIS Scheduler – Update Schedule  
ORM^O01

```
MSHI^~\&INMISHL7INuclear Technology LabINMIS||200501050707||ORM^O01|10631800|PI2.3||  
PID||6383333||TESTPATIENT^ONE^A^^||19390221|M||333 6505 3RD AVENUE^^DELTA^NJ^08846||  
(732)111-2222||||00638333-3/0021|||||||  
PV1||O|PNM^^^SPH||3802^Doc^Test^V|683^Doc2-test^P|| |||||  
ORCISC||1295400||PI||^200501050730||200412311023||3802^Doc^Test^V|||||  
OBR|| |1295400|ABONE^BONE-ONE AREA | |200501050730||||||1295400|||||^200501050730  
|||||
```

NMIS Scheduler – Delete Schedule  
ORM^O01

```
MSHI^~\&INMISHL7INuclear Technology LabINMIS||200501050707||ORM^O01|10631800|PI2.3||  
PID||6383333||TESTPATIENT^ONE^A^^||19390221|M||333 6505 3RD AVENUE^^DELTA^NJ^08846||  
(732)111-2222||||00638333-3/0021|||||||  
PV1||O|PNM^^^SPH||3802^Doc^Test^V|683^Doc2-test^P|| |||||  
ORCICA||1295400||PI||^200501050730||200412311023||3802^Doc^Test^V|||||  
OBR|| |1295400|ABONE^BONE-ONE AREA | |200501050730||||||1295400|||||^200501050730  
|||||
```

## 5. Change in field mapping

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Our interface engine is designed to work with variety of ORM messages. However, if your out-bound HL7 engine’s specifications do not match with ours, chances are, we can easily accommodate any field mapping changes from our side as our HL7 engine is highly configurable.