

 Bilgi Teknoloji Örtakleri	TMY PACS HL7 Conformance Statement
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 Tele Medikal Yazılım Bilgi Teknoloji Ortakları	TMYPACS HL7 Conformance Statement			
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1. INTRODUCTION

PURPOSE AND INTENDED AUDIENCE OF THIS DOCUMENT

This document is a HL7 Conformance Statement for the HL7 Services of TMYPACS .The user of this document is involved with system integration and/or software design. We assume that the reader is familiar with the terminology and concepts that are used in the HL7 standard and the IHE Technical Framework. Readers not familiar with HL7 terminology should first read the appropriate parts of the HL7 standard itself, prior to reading this conformance statement. Although the use of this conformance statement in conjunction with the HL7 standard is intended to facilitate communication with TMYPACS System, it is not sufficient to guarantee, by itself, the inter-operation of the connection between TMYPACS System and the 3rd party HL7-based system. The integration of any device into a system of interconnected devices goes beyond the scope of the HL7 standard and this conformance statement when *interoperability* is desired. The responsibility for analyzing the applications requirements and developing a solution that integrates the TELEMEDİKAL equipment with other vendors' systems is the user's responsibility and should not be underestimated.

LIABILITY

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ACRONYMS AND ABBREVIATIONS

HL7	Health Level 7
IHE	Integrating the Healthcare Enterprise
MSH	Message Header segment
OBR	Observation Request segment
ORC	Common Order segment
PID	Patient ID segment
PV1	Patient Visit segment

2. INBOUND MESSAGES

HL7 TO TMYPACS MAPPINGS

The following sections describe the default mapping of data from an HL7 message to an TMYPACS message.

MSH SEGMENT MAPPINGS

Seq.	HL7 Field Name	Value Required	TMYPACS Attribute	Comments
1	Field Separator	Yes		
2	Encoding Characters	No		
3	Sending Application	No		
4	Sending Facility	No		
5	Receiving Application	No		
6	Receiving Facility	No		
7	Date/time of Message	No		
8	Security	No		
9	Message Type	No		
10	Message Control ID	No		
11	Processing ID	No		
12	Version ID	No		
13	Sequence Number	No		
14	Continuation Pointer	No		
15	Accept Acknowledgement Type	No		
16	Application Acknowledgement Type	No		
17	Country Code	No		
18	Character Set	No		
19	Principal Language of Message	No		

PID SEGMENT MAPPINGS

Seq.	HL7 Field Name	Value Required	TMYPACS Attribute	Comments
1	Set ID Patient ID	No		
2	Patient ID	Yes	PatientID	
3	Patient ID List	No		
4	Alternate Patient ID	No		
5	Patient Name	Yes	PatientName	First^Last

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6	Mother's Maiden Name	No		
7	Date of Birth	No		
8	Sex	Yes	PatientGendre	
9	Patient Alias	No		
10	Race	No		
11	Patient Address	Yes	PatientAddress	
13	Phone Number Home	Yes	PatientPhone	
14	Phone Number Business	No		
15	Primary Language	No		
16	Marital Status	Yes	PatientStatus	
17	Religion	No		
18	Patient Account Number	No		
19	SSN Number Patient	No		
22	Ethnic Group	No		
23	Birth Place	No		
24	Multiple Birth Indicator	No		
25	Birth Order	No		
28	Nationality	No		
29	Patient Death Date/Time	No		
30	Patient Death Indicator	No		

PV1 SEGMENT MAPPINGS

Seq.	HL7 Field Name	Value Required	TMYPACS Attribute	Comments
1	Set ID - Patient Visit	No		
2	Patient Class	No		
3	Assigned Patient Location	Yes		
4	Admission Type	No		
5	Pre-admit Number	No		
6	Prior Patient Location	No		
7	Attending Doctor	No		
8	Referring Doctor	No		
9	Consulting Doctor	No		
10	Hospital Service	No		
11	Temporary Location	No		
13	Readmission Indicator	No		
14	Admit Source	No		
15	Ambulatory Status	No		
16	VIP Indicator	No		
17	Admitting Doctor	No		
19	Visit Number	No		
29	Transfer to Bad Debt	No		

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	Code			
36	Discharge Disposition	No		
37	Discharged to Location	No		
39	Servicing Facility	No		
42	Pending Location	No		
43	Prior Temporary Location	No		
44	Admit Date/Time	No		
45	Discharge Date/Time	No		

Physician Mappings

A physician mapping ideally will always have a name and an ID. This will correctly populate the tmypac_person and tmypac_person_id tables. New entries in each table are only created for new unique name and ID pairs. If only a name is present, a new person table entry is always created and no entry is made in the tmypac_person_id table. So for each ^ALI^EKBER which shows up as a physician, you will get one new table entry. If only an ID is present, the name is assumed to be blank. New entries are created for each unique ID. Each person_id has a reference to its own entry in the person table (which has a blank name). This logic applies to all physician mappings in the PV1, ORC, and OBR segments.

ORC SEGMENT MAPPINGS

Seq.	HL7 Field Name	Value Required	TMYPACS Attribute	Comments
1	Order Control	Yes		
2	Placer Order #	Yes		
3	Filler Order #	Yes		
4	Placer Group #	No		
5	Order Status	Yes		
6	Response Flag	No		
7	Quantity/Timing	No		
8	Parent	No		
9	Date/Time of Transaction	Yes		
10	Entered By	No		
11	Verified By	No		
12	Ordering Provider	No		
13	Enterer's Location	No		
14	Call Back Phone Number	No		
15	Order Effective Date/Time	No		
16	Order Control Reason	No		
17	Entering Organization	Yes	TMYPACSDepartment	
18	Entering Device	Yes	TMYPACSStation	
19	Action By	No		

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3. OUTBOUND MESSAGES

TMPACS does support outbound messages.

4. QUERIES

TMPACS does support queries.