



ProSolv CardioVascular  FUJIFILM	ProSolv CardioVascular Inbound HL7 Specifications	PINT-0000002-C
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Version 4.0


Revision 0

June 1, 2008


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Revision History

Revision	Date	Description of Changes
4.0 0	June 1, 2008	Initial Release

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Overview

The ProSolv ADT module will listen to the hospital information system's ADT feed and store the data. The data will later be queried by the ProSolv Analyzer to retrieve demographic data for patients when studies are received in the analyzer. This integration is based on HL7 standard for Electronic Data Exchange in Healthcare Environments.

The ADT database can also be queried by the ProSolv Modality Work list (MWL). The MWL will supply test equipment with the list of orders that have been entered for that equipment.

In reviewing the ProSolv ADT, Orders and Scheduling interface specifications it should be noted that the terms *optional* and *required* are used in reference to ProSolv CardioVascular applications. If you are also implementing either results or billing interfaces you should take note of the requirements for the systems receiving those messages.

Message types Supported

ProSolv interfacing capabilities include support for the following message types:


Message	Description
ACK	General acknowledgment message
ADT	ADT message
BAR	Add/change billing account
ORM	Pharmacy/treatment order message
SIU	Schedule information unsolicited

HL7 ADT input

ProSolv accepts ADT and ORM messages to match up demographics for patients with studied in the ProSolv analyzer. This data can also get queried with DICOM messages by the test equipment.

The events supported for ADT messages:

Value	Description
A01	ADT/ACK - Admit/visit notification
A02	ADT/ACK - Transfer a patient
A03	ADT/ACK - Discharge/end visit
A04	ADT/ACK - Register a patient
A05	ADT/ACK - Pre-admit a patient
A06	ADT/ACK - Change an outpatient to an inpatient
A07	ADT/ACK - Change an inpatient to an outpatient
A08	ADT/ACK - Update patient information
A11	ADT/ACK - Cancel admit/visit notification
A12	ADT/ACK - Cancel transfer
A13	ADT/ACK - Cancel discharge/end visit
A18	ADT/ACK - Merge patient information
A23	ADT/ACK - Delete a patient record
A28	ADT/ACK - Add person information
A29	ADT/ACK - Delete person information
A30	ADT/ACK - Merge person information
A31	ADT/ACK - Update person information
A34	ADT/ACK - Merge patient information - patient ID only
A35	ADT/ACK - Merge patient information - account

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Value	Description
	number only
A36	ADT/ACK - Merge patient information - patient ID and account number
A38	ADT/ACK - Cancel pre-admit
A39	ADT/ACK - Merge person – patient ID
A40	ADT/ACK - Merge patient – patient identifier list
A41	ADT/ACK - Merge account - patient account number
A42	ADT/ACK - Merge visit - visit number

The events supported for BAR and DFT messages:

Value	Description
P01	BAR/ACK - Add patient accounts
P02	BAR/ACK - Purge patient accounts
P03	DFT/ACK - Post detail financial transaction
P05	BAR/ACK – Update account
P06	BAR/ACK - End account

The events supported for ORM messages:

Value	Description
O01	ORM - Order message (also RDE, RDS, RGV, RAS)


The events supported for SIU messages:

Value	Description
S12	Notification of new appointment booking
S13	Notification of appointment rescheduling
S14	Notification of appointment modification
S15	Notification of appointment cancellation
S16	Notification of appointment discontinuation

Value	Description
S17	Notification of appointment deletion
S18	Notification of addition of service/resource on appointment
S19	Notification of modification of service/resource on appointment
S20	Notification of cancellation of service/resource on appointment
S21	Notification of discontinuation of service/resource on appointment
S22	Notification of deletion of service/resource on appointment

ADT/ACK - admit/visit notification (event A01):

<u>ADT^A01</u>	<u>ADT Message</u>
<u>MSH</u>	Message Header
<u>EVN</u>	Event Type
<u>PID</u>	Patient Identification
[PD1]	Additional Demographics
[{ NK1 }]	Next of Kin /Associated Parties
<u>PV1</u>	Patient Visit
[PV2]	Patient Visit - Additional Info.
[{ DB1 }]	Disability Information
[{ OBX }]	Observation/Result
[{ AL1 }]	Allergy Information
[{ DG1 }]	Diagnosis Information
[DRG]	Diagnosis Related Group
[{ PR1	Procedures
[{ROL}]	Role
}]	
[{ GT1 }]	Guarantor
[
{ IN1	Insurance
[IN2]	Insurance Additional Info.
[{IN3}]	Insurance Add'l Info - Cert.
]	
]	
[ACC]	Accident Information
[UB1]	Universal Bill Information
[UB2]	Universal Bill 92 Information
 <u>ACK^A01</u>	 <u>General Acknowledgment</u>
<u>MSH</u>	Message Header
MSA	Message Acknowledgment
[ERR]	Error

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ADT/ACK - transfer a patient (event A02)

<u>ADT^A02</u>	<u>ADT Message</u>
<u>MSH</u>	Message Header
EVN	Event Type
PID	Patient Identification
[PD1]	Additional Demographics
PV1	Patient Visit
[PV2]	Patient Visit - Additional Info.
[{ DB1 }]	Disability Information
[{ OBX }]	Observation/Result

<u>ACK^A02</u>	<u>General Acknowledgment</u>
<u>MSH</u>	Message Header
MSA	Message Acknowledgment
[ERR]	Error


ADT/ACK - discharge/end visit (event A03)

<u>ADT^A03</u>	<u>ADT Message</u>
MSH	Message Header
EVN	Event Type
PID	Patient Identification
[PD1]	Additional Demographics
PV1	Patient Visit
[PV2]	Patient Visit - Additional Info.
[{ DB1 }]	Disability Information
[{ DG1 }]	Diagnosis Information
[DRG]	Diagnosis Related Group
[{ PR1	Procedures
[{ROL}]	Role
}]	
[{ OBX }]	Observation/Result

<u>ACK^A03</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error

ADT/ACK - register a patient (event A04)

<u>ADT^A04</u>	<u>ADT Message</u>
MSH	Message Header
EVN	Event Type
PID	Patient Identification
[PD1]	Additional Demographics
[{ NK1 }]	Next of Kin /Associated Parties
PV1	Patient Visit
[PV2]	Patient Visit - Additional Info.
[{ DB1 }]	Disability Information
[{ OBX }]	Observation/Result
[{ AL1 }]	Allergy Information
[{ DG1 }]	Diagnosis Information
[DRG]	Diagnosis Related Group
[{ PR1	Procedures
[{ROL}]	Role

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```

}}
[ { GT1 } ]      Guarantor
[
  { IN1          Insurance
  [ IN2 ]       Insurance Additional Info.
  [ {IN3} ]     Insurance Add'l Info - Cert.
}
]
[ ACC ]         Accident Information
[ UB1 ]         Universal Bill Information
[ UB2 ]         Universal Bill 92 Information

```

ACK^A04

```

MSH
MSA
[ ERR ]

```

General Acknowledgment

```

Message Header
Message Acknowledgment
Error

```

ADT/ACK - update patient information (event A08)

ADT^A08

```

MSH
EVN
PID
[ PD1 ]
[ { NK1 } ]
PV1
[ PV2 ]
[ { DB1 } ]
[ { OBX } ]
[ { AL1 } ]
[ { DG1 } ]
[ DRG ]
[ { PR1 }
[ {ROL} ]
]
[ { GT1 } ]
[
  { IN1          Insurance
  [ IN2 ]       Insurance Additional Info.
  [ {IN3} ]     Insurance Add'l Info - Cert.
}
]
[ ACC ]
[ UB1 ]
[ UB2 ]

```

ADT Message

```

Message Header
Event Type
Patient Identification
Additional Demographics
Next of Kin /Associated Parties
Patient Visit
Patient Visit - Additional Info.
Disability Information
Observation/Result
Allergy Information
Diagnosis Information
Diagnosis Related Group
Procedures
Role
Guarantor
Insurance
Insurance Additional Info.
Insurance Add'l Info - Cert.
Accident Information
Universal Bill Information
Universal Bill 92 Information

```

ACK^A08

```

MSH
MSA
[ ERR ]

```

General Acknowledgment

```

Message Header
Message Acknowledgment
Error

```

ADT/ACK - cancel admit / visit notification (event A11)

ADT^A11

```

MSH
EVN


```

ADT Message

```

Message Header
Event Type

```

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PID	Patient Identification
[PD1]	Additional Demographics
PV1	Patient Visit
[PV2]	Patient Visit - Additional Info.
[{ DB1 }]	Disability Information
[{ OBX }]	Observation/Result
[{ DG1 }]	Diagnosis Information

<u>ACK^A11</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error


ADT/ACK - cancel transfer (event A12)

<u>ADT^A12</u>	<u>ADT Message</u>
MSH	Message Header
EVN	Event Type
PID	Patient Identification
[PD1]	Additional Demographics
PV1	Patient Visit
[PV2]	Patient Visit - Additional Info.
[{ DB1 }]	Disability Information
[{ OBX }]	Observation/Result
[DG1]	Diagnosis Information

<u>ACK^A12</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error

ADT/ACK - cancel discharge / end visit (event A13)

<u>ADT^A13</u>	<u>ADT Message</u>
MSH	Message Header
EVN	Event Type
PID	Patient Identification
[PD1]	Additional Demographics
[{ NK1 }]	Next of Kin /Associated Parties
PV1	Patient Visit
[PV2]	Patient Visit - Additional Info.
[{ DB1 }]	Disability Information
[{ OBX }]	Observation/Result
[{ AL1 }]	Allergy Information
[{ DG1 }]	Diagnosis Information
[DRG]	Diagnosis Related Group
[{ PR1	Procedures
[{ROL}]	Role
]]	
[{ GT1 }]	Guarantor
[
{ IN1	Insurance
[IN2]	Insurance Additional Info.
[{IN3}]	Insurance Add'l Info - Cert.
]	
]	

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[ACC]	Accident Information
[UB1]	Universal Bill Information
[UB2]	Universal Bill 92 Information

<u>ACK^A13</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error

ADT/ACK - swap patients (event A17)

<u>ADT^A17</u>	<u>ADT Message</u>
MSH	Message Header
EVN	Event Type
PID	Patient (1) Identification
[PD1]	Additional Demographics
PV1	Patient (1) Visit
[PV2]	Patient (1) Visit - Additional Info.
[{ DB1 }]	Disability Information
[{ OBX }]	Observation/Result (1)
PID	Patient (2) Identification
[PD1]	Additional Demographics
PV1	Patient (2) Visit
[PV2]	Patient (2) Visit - Additional Info.
[{ DB1 }]	Disability Information
[{ OBX }]	Observation/Result (2)

<u>ACK^A17</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error


ADT/ACK - merge patient information (event A18)

<u>ADT^A18</u>	<u>ADT Message</u>
MSH	Message Header
EVN	Event Type
PID	Patient Identification
[PD1]	Additional Demographics
MRG	Merge Information
PV1	Patient Visit

<u>ACK^A18</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error

ADT/ACK - delete a patient record (event A23)

<u>ADT^A23</u>	<u>ADT Message</u>
MSH	Message Header
EVN	Event Type

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PID	Patient Identification
[PD1]	Additional Demographics
PV1	Patient Visit
[PV2]	Patient Visit - Additional Info.
[{ DB1 }]	Disability Information
[{ OBX }]	Observation/Result

<u>ACK^A23</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error


ADT/ACK - add person information (event A28)

<u>ADT^A28</u>	<u>ADT Message</u>
MSH	Message Header
EVN	Event Type
PID	Patient Identification
[PD1]	Additional Demographics
[{ NK1 }]	Next of Kin /Associated Parties
PV1	Patient Visit
[PV2]	Patient Visit - Additional Info.
[{ DB1 }]	Disability Information
[{ OBX }]	Observation/Result
[{ AL1 }]	Allergy Information
[{ DG1 }]	Diagnosis Information
[DRG]	Diagnosis Related Group
[{ PR1	Procedures
[{ROL}]	Role
]	
[{ GT1 }]	Guarantor
[
{ IN1	Insurance
[IN2]	Insurance Additional Info.
[{IN3}]	Insurance Add'l Info - Cert.
]	
]	
[ACC]	Accident Information
[UB1]	Universal Bill Information
[UB2]	Universal Bill 92 Information

<u>ACK^A28</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error

ADT/ACK - delete person information (event A29)

<u>ADT^A29</u>	<u>ADT Message</u>
MSH	Message Header
EVN	Event Type
PID	Patient Identification
[PD1]	Additional Demographics
PV1	Patient Visit
[PV2]	Patient Visit - Additional Info.
[{ DB1 }]	Disability Information

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[{ OBX }] Observation/Result

<u>ACK^A29</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error

ADT/ACK - merge person information (event A30)


<u>ADT^A30</u>	<u>ADT Message</u>
MSH	Message Header
EVN	Event Type
PID	Patient Identification
[PD1]	Additional Demographics
MRG	Merge Information

<u>ACK^A30</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error

ADT/ACK - update person information (event A31)

<u>ADT^A31</u>	<u>ADT Message</u>
MSH	Message Header
EVN	Event Type
PID	Patient Identification
[PD1]	Additional Demographics
[{ NK1 }]	Next of Kin /Associated Parties
PV1	Patient Visit
[PV2]	Patient Visit - Additional Info.
[{ DB1 }]	Disability Information
[{ OBX }]	Observation/Result
[{ AL1 }]	Allergy Information
[{ DG1 }]	Diagnosis Information
[DRG]	Diagnosis Related Group
[{ PR1	Procedures
[{ROL}]	Role
}]	
[{ GT1 }]	Guarantor
[
{ IN1	Insurance
[IN2]	Insurance Additional Info.
[{IN3}]	Insurance Add'l Info - Cert.
]	
]	
[ACC]	Accident Information
[UB1]	Universal Bill Information
[UB2]	Universal Bill 92 Information

<u>ACK^A31</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error

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ADT/ACK - merge patient - patient identifier list (event A40)

<u>ADT^A40</u>	<u>ADT Message</u>
MSH	Message Header
EVN	Event Type
{ PID	Patient Identification
[PD1]	Additional Demographics
MRG	Merge Information
[PV1]	Patient Visit
}	

<u>ACK^A40</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error

ADT/ACK - merge account - patient account number (event A41)


<u>ADT^A41</u>	<u>ADT Message</u>
MSH	Message Header
EVN	Event Type
{ PID	Patient Identification
[PD1]	Additional Demographics
MRG	Merge Information
[PV1]	Patient Visit
}	

<u>ACK^A41</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error

ADT/ACK - merge visit - visit number (event A42)

<u>ADT^A42</u>	<u>ADT Message</u>
MSH	Message Header
EVN	Event Type
{ PID	Patient Identification
[PD1]	Additional Demographics
MRG	Merge Information
[PV1]	Patient Visit
}	

<u>ACK^A42</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error

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BAR/ACK - add patient account (event P01)


<u>BAR^P01</u>	<u>Add Billing Account</u>
MSH	Message Header
EVN	Event Type
PID	Patient Identification
[PD1]	Additional Demographics
{	
[PV1]	Patient Visit
[PV2]	Patient Visit - Additional Info
[DB1]	Disability Information
[{ OBX }]	Observation/Result
[AL1]	Allergy Information
[DG1]	Diagnosis
[DRG]	Diagnosis Related Group
[{ PR1	Procedures
[ROL]	Role
}]	
[GT1]	Guarantor
[NK1]	Next of Kin/Associated Parties
{	
IN1	Insurance
[IN2]	Insurance - Additional Info.
[IN3]	Insurance - Add'l Info. - Cert.
}	
]	
[ACC]	Accident Information
[UB1]	Universal Bill Information
[UB2]	Universal Bill 92 Information
}	

<u>ACK^P01</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error

BAR/ACK - purge patient accounts (event P02)

<u>BAR^P02</u>	<u>Purge Billing Account</u>
MSH	Message Header
EVN	Event Type
{	
PID	Patient Identification
[PD1]	Additional Demographics
[PV1]	Patient Visit
[DB1]	Disability Information
}	

<u>ACK^P02</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error
MSA	Message Acknowledgment
[ERR]	Error

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BAR/ACK - update account (event P05)


<u>BAR^P05</u>	<u>Update Billing Account</u>
MSH	Message Header
EVN	Event Type
PID	Patient Identification
[PD1]	Additional Demographics
{	
[PV1]	Patient Visit
[PV2]	Patient Visit - Additional Info
[DB1]}	Disability Information
[{ OBX }]	Observation/Result
[{ AL1 }]	Allergy Information
[{ DG1 }]	Diagnosis
[DRG]	Diagnosis Related Group
[{ PR1	Procedures
[ROL]]	Role
]}	
[{ GT1 }]	Guarantor
[{ NK1 }]	Next of Kin/Associated Parties
[
{	
IN1	Insurance
[IN2]	Insurance - Additional Info.
[IN3]}	Insurance - Add'l Info. - Cert.
}	
]	
[ACC]	Accident Information
[UB1]	Universal Bill Information
[UB2]	Universal Bill 92 Information
}	

<u>ACK^P05</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error

BAR/ACK - end account (event P06)


<u>BAR^P06</u>	<u>End Billing Account</u>
MSH	Message Header
EVN	Event Type
{	
PID	Patient Identification
[PV1]	Patient Visit
}	

<u>ACK^P06</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error

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ORM - general order message (O01)

<u>ORM^O01^ORM_O01</u>	<u>General Order Message</u>
MSH	Message Header
[{{NTE}}]	Notes and Comments (for Header)
[
PID	Patient Identification
[PD1]	Additional Demographics
[{{NTE}}]	Notes and Comments (for Patient ID)
[PV1	Patient Visit
[PV2]]	Patient Visit- Additional Info
[{{IN1	Insurance
[IN2]	Insurance Additional Info
[IN3]	Insurance Add'l Info - Cert.
}]	
[GT1]	Guarantor
[{{AL1}}]	Allergy Information
]	
{	
ORC	Common Order
[
Order Detail	
Segment OBR, etc.	
[{{NTE}}]	Notes and Comments (for Detail)
[{{DGL}}]	Diagnosis
[
{	
OBX	Observation/Result
[{{NTE}}]	Notes and Comments (for Results)
}]	
]	
]	
[{{CTI}}]	Clinical Trial Identification
[BLG]	Billing Segment
]	

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SIU/ACK – schedule information unsolicited

<u>SIU^S12-S24, S26</u>	<u>Schedule Information Unsolicited</u>
MSH	Message Header
SCH	Schedule Activity Information
[{ NTE }]	Notes and Comments
[{ PID	Patient Identification
[PD1]	Additional Demographics
[PV1]	Patient Visit
[PV2]	Patient Visit - Additional Info
[{ OBX }]	Observation/Result
[{ DG1 }]	Diagnosis
]	
]	
{ RGS	Resource Group Segment
[{ AIS	Appointment Information - Service
[{ NTE }]	Notes and Comments
]	
]	
[{ AIG	Appointment Information - General Resource
[{ NTE }]	Notes and Comments
]	
]	
[{ AIL	Appointment Information - Location Resource
[{ NTE }]	Notes and Comments
]	
]	
[{ AIP	Appointment Information - Personnel Resource
[{ NTE }]	Notes and Comments
]	
]	
}	
<u>ACK^S12-S24, S26</u>	<u>General Acknowledgment</u>
MSH	Message Header
MSA	Message Acknowledgment
[ERR]	Error Information

THE MESSAGE SEGMENTS.

Inbound HL7.

The following segment fields are processed by the ProSolv ADT module and could be utilized to supply demographics and MWL.

MSH – message header segment

SEQ	LEN	DT	OPT	RP/#	TBL#	ITEM #	ELEMENT NAME
1	1	ST	R			00001	Field Separator
2	4	ST	R			00002	Encoding Characters
3	180	HD	O		0361	00003	Sending Application
4	180	HD	O		0362	00004	Sending Facility
5	180	HD	O		0361	00005	Receiving Application
6	180	HD	O		0362	00006	Receiving Facility
7	26	TS	O			00007	Date/Time Of Message
8	40	ST	O			00008	Security
9	7	CM	R		0076 0003	00009	Message Type
10	20	ST	R			00010	Message Control ID
11	3	PT	R			00011	Processing ID
12	60	VID	R		0104	00012	Version ID

EVN - event type segment

SEQ	LEN	DT	OPT	RP/#	TBL#	ITEM#	ELEMENT NAME
1	3	ID	B		0003	00099	Event Type Code
2	26	TS	R			00100	Recorded Date/Time

PID - patient identification segment

SEQ	LEN	DT	OPT	RP/#	TBL#	ITEM#	ELEMENT NAME
3	20	CX	R	Y		00106	Patient Identifier List [1]
5	48	XP	R	Y		00108	Patient Name
7	26	TS	O			00110	Date/Time of Birth
8	1	IS	O		0001	00111	Sex
10	80	CE	O	Y	0005	00113	Race
11	106	XAD	O	Y		00114	Patient Address
13	40	XTN	O	Y		00116	Phone Number - Home
14	40	XTN	O	Y		00117	Phone Number - Business
15	60	CE	O		0296	00118	Primary Language
18	20	CX	R			00121	Patient Account Number

SEQ	LEN	DT	OPT	RP/#	TBL#	ITEM#	ELEMENT NAME
19	16	ST	B			00122	SSN Number - Patient
20	25	DLN	O			00123	Driver's License Number - Patient

PID Notes:

1. PID-3: Can accept up to 3 iterations of the first component of the ID number.

PV1 - patient visit segment

SEQ	LEN	DT	OPT	RP/#	TBL#	ITEM#	ELEMENT NAME
2	1	IS	R		0004	00132	Patient Class
3	80	PL	O			00133	Assigned Patient Location
6	80	PL	O			00136	Prior Patient Location
7	60	XCN	O	Y	0010	00137	Attending Doctor
8	60	XCN	O	Y	0010	00138	Referring Doctor
9	60	XCN	O	Y	0010	00139	Consulting Doctor
10	3	IS	O		0069	00140	Hospital Service
11	80	PL	O			00141	Temporary Location
14	3	IS	O		0023	00144	Admit Source
17	60	XCN	O	Y	0010	00147	Admitting Doctor
18	2	IS	O		0018	00148	Patient Type
19	20	CX	O			00149	Visit Number
20	50	FC	O	Y	0064	00150	Financial Class
41	2	IS	O		0117	00171	Account Status
44	26	TS	O			00174	Admit Date/Time
45	26	TS	O			00175	Discharge Date/Time
51	1	IS	O		0326	01226	Visit Indicator
52	60	XCN	O	Y	0010	01274	Other Healthcare Provider

MRG - merge patient information segment

SEQ	LEN	DT	OPT	RP/#	TBL#	ITEM#	ELEMENT NAME
1	20	CX	R	Y		00211	Prior Patient Identifier List
3	20	CX	O			00213	Prior Patient Account Number
5	20	CX	O			01279	Prior Visit Number
7	48	XPN	O	Y		01281	Prior Patient Name

ORC - common order segment


SEQ	LEN	DT	OPT	RP/#	TBL#	ITEM#	ELEMENT NAME
1	2	ID	R		0119	00215	Order Control
2	22	EI	C			00216	Placer Order Number [1]
3	22	EI	C			00217	Filler Order Number
5	2	ID	O		0038	00219	Order Status
7	200	TQ	O			00221	Quantity/Timing
8	200	CM	O			00222	Parent
15	26	TS	O			00229	Order Effective Date/Time

ORC Notes:

- Although the Placer Order Number optional it is highly recommended that this is populated with an external system's unique order number. This field is used identify the specific order within the ProSolv CardioVascular system. Without this field updates to requested date and time, order type and status will create duplicate entries. Additionally, without a unique placer number completed tests cannot be removed from a modality worklist.

SCH – schedule activity information segment

SEQ	LEN	DT	OPT	RP/#	TBL#	ITEM#	ELEMENT NAME
1	75	EI	C			00860	Placer Appointment ID [1]
2	75	EI	C			00861	Filler Appointment ID
3	5	NM	C			00862	Occurrence Number
4	22	EI	O			00218	Placer Group Number
5	200	CE	O			00864	Schedule ID
6	200	CE	O			00883	Event Reason
7	200	CE	R		0276	00866	Appointment Reason
8	200	CE	O		0277	00867	Appointment Type
9	20	NM	O			00868	Appointment Duration
10	200	CE	O			00869	Appointment Duration Units
11	200	TQ	R	Y		00884	Appointment Timing Quantity
12	48	XCN	O	Y		00874	Placer Contact Person
13	40	XTN	O			00875	Placer Contact Phone Number
14	106	XAD	O	Y		00876	Placer Contact Address
15	80	PL	O			00877	Placer Contact Location
16	38	XCN	R	Y		00885	Filler Contact Person
17	40	XTN	O			00886	Filler Contact Phone Number
18	106	XAD	O	Y		00887	Filler Contact Address
19	80	PL	O			00888	Filler Contact Location
20	48	XCN	R	Y		00878	Entered by Person
21	40	XTN	O	Y		00879	Entered by Phone Number
22	80	PL	O			00880	Entered by Location
23	75	EI	O			00881	Parent Placer Appointment ID
24	75	EI	C			00882	Parent Filler Appointment ID
25	200	CE	O		0278	00889	Filler Status Code

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SCH Notes:

1. Although the Placer Appointment ID optional it is highly recommended that this be populated with an external system's unique appointment ID. This field is used identify the specific appointment within the ProSolv CardioVascular system. Without this field updates to appointment date and time, order type and status will create duplicate entries. Additionally, without a unique placer appointment ID completed tests cannot be removed from a modality worklist.

THE ENCODING CHARACTERS.

The table below provides preferred values for encoding characters. However, field delimiters can be customized to fit the customers' preference.

Delimiter	Suggested Value	Encoding Character Position	Usage
Segment Terminator	<cr> (hex 0D)	-	Terminates a segment record.
Field Separator		-	Separates two adjacent data fields within a segment. It also separates the segment ID from the first data field in each segment.
Component Separator	^	1	Separates adjacent components of data fields where allowed.
Subcomponent Separator	&	4	Separates adjacent subcomponents of data fields where allowed. If there are no subcomponents, this character may be omitted.
Repetition Separator	~	2	Separates multiple occurrences of a field where allowed.
Escape Character	\	3	Escape character for use with any field represented by an ST, TX or FT data type, or for use with the data (fourth) component of the ED data type. If no escape characters are used in a message, this character may be omitted. However, it must be present if subcomponents are used in the message.