

# INGENIX®

## X12 Interactive Health Care Claim/Encounter (IHCLME)

Kepa Zubeldia, MD  
SVP Interoperability Technologies  
Ingenix

February 13, 2007



# IHCLME Background

---

- Used to create interactive communications between providers, payers and/or their agents
  - No timeframe specified. Interactive is not the same as real-time.
  - 1 message to ask a question and there is 1 response to the question
  - Upon receiving the response, the interaction is complete
  - Supports conversational messaging but not recommended
- **Functionality:**
  - Request and respond to a request for processing a professional, institutional or dental claim/encounter
  - Request and respond to a request to cancel a previously submitted claim/encounter
  - Request and respond to a pre-determination of benefits

# IHCLME Content

---

- Information includes:
  - Billing information
  - Encounter reporting
  - Denial reasons
  - Error explanations
  - Approval
  - Adjudication information
  - Coordination of benefits

# IHCLME History

---

- Work began in 1996
- Reasons for using EDIFACT syntax
  - Repetition functionality
    - Positionally qualified repeating data elements
  - Syntax supported real time (ISO 9735)
  - Leverage IHCEBI/IHCEBR work
  - Mandate to develop all new messages in EDIFACT syntax
- Approved UN/EDIFACT message in 1999
- Maintained by X12N/TG2/WG12

# IHCLME Message - Standard

---

Pos	Tag Name	S	R
0001	UNA Service String Advice	R	1
0002	UIB Interactive Interchange Header	R	1
0010	UIH Interactive message header	M	1
0020	MSD Message action details	C	1
0030	PRT Party information	C	9
0040	NAA Name and address	C	9
0050	CON Contact information	C	9
0060	BLI Billable information	C	1
0070	ITC Institutional claim	C	1
0080	ADI Health care claim adjudication information	C	99
0090	FRM Follow-up action	C	99
0100	----- Segment group 1 -----	C	3-----+
0110	OTI Other insurance	M	1
0120	NAA Name and address	C	2
-----+			
0130	----- Segment group 2 -----	C	99-----+
0140	PSI Service information	M	1
0150	DNT Dental information	C	35
-----+			
0160	UIT Interactive message trailer	M	1
0165	UIZ Interactive interchange trailer	M	1

# NAA segment – Name and Address

---

+ NAA NAME AND ADDRESS

Function: To specify the name/address and their related function, either by E082 only and/or unstructured by E058 or structured by E080 through 3207.

010	3035 PARTY FUNCTION CODE QUALIFIER	M	1 an..3
020	E082 PARTY IDENTIFICATION DETAILS	C	1
	3039 Party identifier	M	an..35
	1131 Code list identification code	C	an..3
	3055 Code list responsible agency code	C	an..3
030	3124 NAME AND ADDRESS LINE	C	5 an..35
040	E080 PARTY NAME	C	1
	3036 Party name	M	an..35
	3036 Party name	C	an..35
	3036 Party name	C	an..35
	3036 Party name	C	an..35
	3036 Party name	C	an..35
	3045 Party name format code	C	an..3
050	3042 STREET AND NUMBER/P.O. BOX	C	1 an..35
060	3164 CITY NAME	C	1 an..35
070	3229 COUNTRY SUB-ENTITY NAME CODE	C	1 an..9
080	3251 POSTAL IDENTIFICATION CODE	C	1 an..17
090	3207 COUNTRY NAME CODE	C	1 an..3

# PRT segment – Party Information

---

## + PRT PARTY INFORMATION

Function: To provide specific identification number and demographic information regarding the identity of the participating parties.

010	3035 PARTY FUNCTION CODE QUALIFIER	M	1 an..3
020	E206 OBJECT IDENTIFICATION	C	9
	7402 Object identifier	M	an..35
	7405 Object identification code qualifier	C	an..3
	4405 Status description code	C	an..3
030	2000 DATE VALUE	C	3 an..14
040	E023 PARTY DEMOGRAPHIC INFORMATION	C	1
	9143 Relationship description code	C	an..3
	3499 Gender code	C	an..3
	9005 Employment category description code	C	an..3
	3479 Marital status description code	C	an..3
	4405 Status description code	C	an..3
	9607 Yes no code	C	an..31

# IHCLME Message – Claim (Request)

Pos	Tag Name	S	R
0001	UNA Service String Advice	R	1
0002	UIB Interactive Interchange Header	R	1
0010	<b>UIH Interactive message header</b>	<b>M</b>	<b>1</b>
0020	<b>MSD Message action details</b>	<b>C</b>	<b>1</b>
0030	<b>PRT Party information</b>	<b>C</b>	<b>9</b>
0040	<b>NAA Name and address</b>	<b>C</b>	<b>9</b>
0050	<b>CON Contact information</b>	<b>C</b>	<b>9</b>
0060	<b>BLI Billable information</b>	<b>C</b>	<b>1</b>
0070	<b>ITC Institutional claim</b>	<b>C</b>	<b>1</b>
0080	ADI Health care claim adjudication information	C	99
0090	FRM Follow-up action	C	99
0100	----- Segment group 1 -----	C	3-----+
0110	OTI Other insurance	M	1
0120	NAA Name and address	C	2
-----+			
0130	----- Segment group 2 -----	C	99-----+
0140	PSI Service information	M	1
0150	DNT Dental information	C	35
-----+			
0160	<b>UIT Interactive message trailer</b>	<b>M</b>	<b>1</b>
0165	UIZ Interactive interchange trailer	M	1

# IHCLME Message – Claim (Request) Implem.

Pos	Tag Name	Usage	Repeat
0001	UNA Service string advice	R	1
0002	UIB Interactive interchange header	R	1
0010	UIH Interactive message header	R	1
0020	MSD Message	R	1
0030	PRT Billing provider identification	R	1
0030	PRT Rendering provider identification	R	1
0030	PRT Other provider identification	S	5
0030	PRT Subscriber information	R	1
0030	PRT Patient information	S	1
0040	NAA Insured name and address	S	1
0040	NAA Patient name and address	S	1
0040	NAA Other name and address	S	5
0050	CON Billing provider contact information	S	1
0060	BLI Claim information	R	1
0070	ITC Institutional claim	S	1
0100	--- Segment Group 1: Other Insurance-----	S	3 ---+
0110	OTI Other insurance	S	1
0120	NAA Other Insurance name and address	S	2
-----+			
0130	--- Segment Group 2: Service Line-----	M	99 ---+
0140	PSI Service line	M	1
0150	DNT Dental information	S	35
-----+			
0160	UIT Interactive message trailer	M	1
0165	UIZ Interactive interchange trailer	M	1

# IHCLME Message – Claim (Request) Implem.

Pos	Tag Name	Usage	Repeat
0001	UNA Service string and business function	R	1
0002	UIB Interactive interchange business function	R	1
0010	UIH Interactive interchange header	R	1
0020	MSD Message	R	1
0030	PRT Billing provider identification	R	1
0030	PRT Rendering provider identification	R	1
0030	PRT Other provider identification	R	1
0030	PRT Subscriber information	R	1
0030	PRT Patient information	R	1
0040	NAA Insured name and address	R	1
0040	NAA Patient name and address	R	1
0040	NAA Other name and address	R	1
0050	CON Billing provider contact information	S	1
0060	BLI Claim information	R	1
0070	ITC Institutional claim	S	1
0100	--- Segment Group 1: Other Insurance---	S	3 ---+
0110	OTI Other insurance	S	1
0120	NAA Other Insurance name and address	R	1
0130	--- Segment Group 2: Service Line---	S	1
0140	PSI Service line	R	1
0150	DNT Dental information	R	1
0160	UIT Interactive message trailer	M	1
0165	UIZ Interactive interchange trailer	M	1

Specifies message and business function, provides tracking information

Only uses ID number

Requires ID number, DOB, Gender

Requires ID Number, DOB, Relationship, Gender

Requires Charge Amount, Diagnosis Code, Date, Assignment Code, Release of Info. Supports monetary amounts (patient pay)

Requires TOB Supports "days", admission & discharge type, occurrence and condition codes

Requires Control number, Charge Amount, Date, Service, Quantity, POS. Supports rendering & supervising prov., PA and referral number, monetary amounts (patient pay), condition codes, attachment type & control number

Requires Tooth number, oral cavity code. Supports tooth surface, pocket depth and status code.

# IHCLME Message - Response

Pos	Tag Name	S	R
0001	UNA Service String Advice	R	1
0002	UIB Interactive Interchange Header	R	1
<b>0010</b>	<b>UIH Interactive message header</b>	<b>M</b>	<b>1</b>
<b>0020</b>	<b>MSD Message action details</b>	<b>C</b>	<b>1</b>
0030	PRT Party information	C	9
0040	NAA Name and address	C	9
0050	CON Contact information	C	9
0060	BLI Billable information	C	1
0070	ITC Institutional claim	C	1
<b>0080</b>	<b>ADI Health care claim adjudication information</b>	<b>C</b>	<b>99</b>
<b>0090</b>	<b>FRM Follow-up action</b>	<b>C</b>	<b>99</b>
<b>0100</b>	<b>----- Segment group 1 -----</b>	<b>C</b>	<b>3-----+</b>
<b>0110</b>	<b>OTI Other insurance</b>	<b>M</b>	<b>1</b>
<b>0120</b>	<b>NAA Name and address</b>	<b>C</b>	<b>2</b>
-----+			
0130	----- Segment group 2 -----	C	99-----+
0140	PSI Service information	M	1
0150	DNT Dental information	C	35
-----+			
<b>0160</b>	<b>UIT Interactive message trailer</b>	<b>M</b>	<b>1</b>
0165	UIZ Interactive interchange trailer	M	1

# IHCLME Message - Response Implementation

---

Pos	Tag Name	Usage	Repeat
0001	UNA Service string advice	R	1
0002	UIB Interactive interchange header	R	1
0010	UIH Interactive message header	R	1
0020	MSD Message type and trace	R	1
0080	ADI Health care claim adjudication information	S	35
0090	FRM Follow-up action	S	30
0100	--- Segment Group 1: Other Insurance-----	S	3 --+
0110	OTI Other insurance	S	1
0120	NAA Other Insurance name and address	S	2
-----+			
0160	UIT Interactive message trailer	R	1
0165	UIZ Interactive interchange trailer	R	1

# IHCLME Message - Response Implementation

Pos	Tag Name	Message	Repeat
0001	UNA Service string advice	R	1
0002	UIB Interactive interchange trailer	R	1
0010	UIH Interactive message header	R	1
0020	MSD Message type and trace	R	1
0080	ADI Health care claim adjudication information	S	1
	FRM Follow-up action	S	1
0100	--- Segment Group 1: Other Insurance-----	S	1
0110	OTI Other insurance	S	1
0120	NAA Other Insurance name and address	S	2
-----+			
0160	UIT Interactive message trailer	R	1
0165	UIZ Interactive interchange trailer	R	1

Specifies message and business function, provides tracking information

Used when request could not be processed at a system or application level. Requires Control Number, Reason Code, Action

Required: ICN, Control Number, Service adjudicated, Claim Status Code, Monetary amount(s), Quantity, Insurance type code. Supports: Adjustment Group Code, Reason Code, and Amount, Remark Codes, Payment Due Date, DRG Code

So why hasn't this message been implemented?

HIPAA