

Briefing on eHR Content

By Veronica HUNG

Health Informatician, eHRISO

Domains

- eHR Participant
- Encounter
- Immunisation

eHR PARTICIPANT

eHR Participant

- **A participant**
 - An individual who joins the eHR programme in order to share his / her health record to other parties via the eHR sharing system

eHR Participant Index

- **eHR Participant Index**
 - Contains a list of personal identity and demographic data of eHR Participants for
 - Accurate and unique identification of each eHR Participant
 - Linkage of eHR record

eHR Participant Data

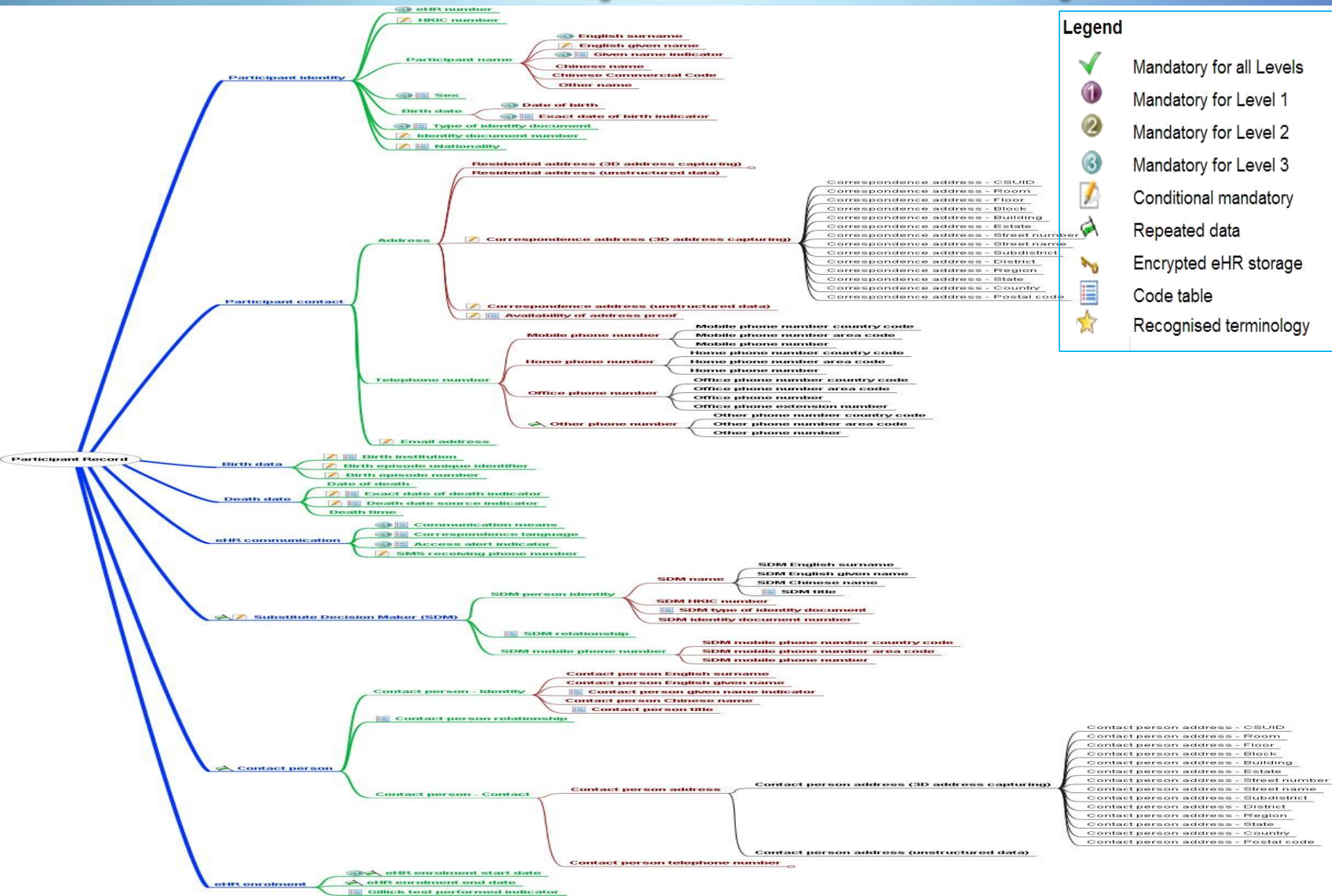
- **eHR Participant data** includes:
 - A system generated eHR Participant identifier, namely 'eHR Number'
 - Identity data, including HKIC number, name, sex, date of birth, identity document number (according to one's identity document)
 - Demographic data, e.g. address, phone number.
 - Substitute Decision Maker (SDM) and contact person information
 - Birth data, e.g. birth hospital and birth identifier

eHR Participant

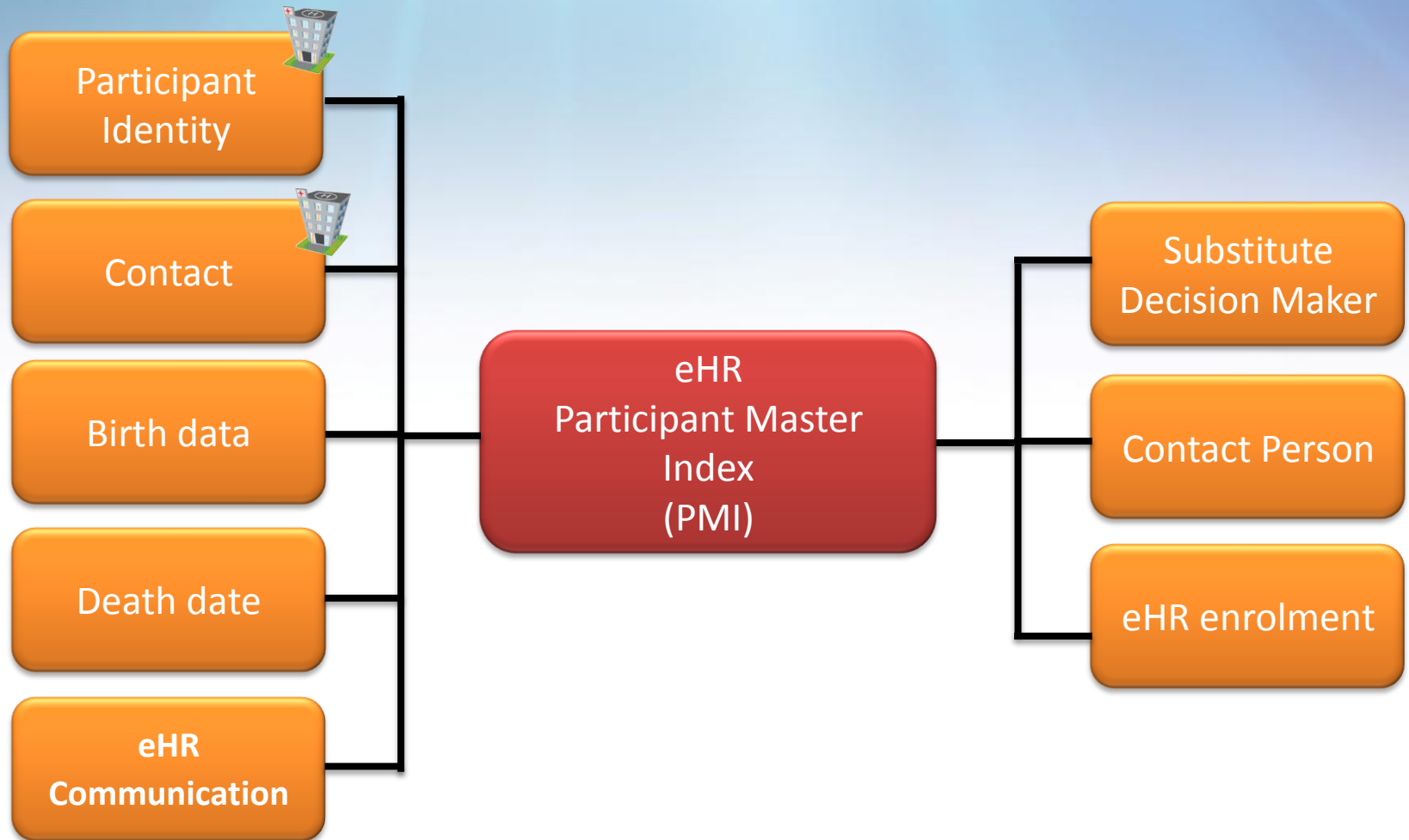
- **Data Quality**

- Enrolment of a eHR Participant, or change of a Participant's identity data must be supported by identity document
- Clinical data sent to the eHR would be rejected if the identity data of eHR Participant do not match with those in the eHR Participant Index

eHR Participant Mindmap



eHR Participant Data



eHR Participant Identity

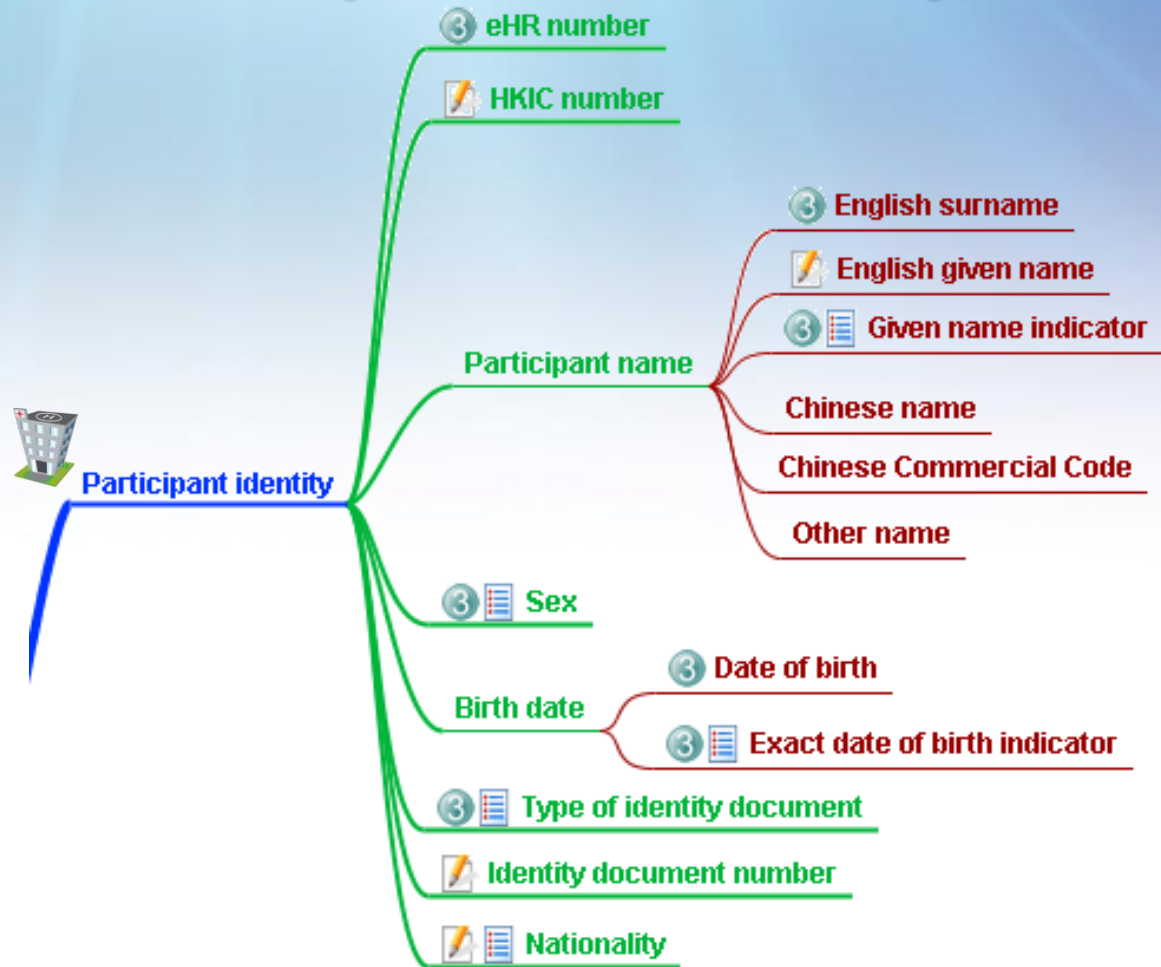
Participant
Identity

Contact

Birth data

Death date

eHR
Communication



Sharable
PMI data



Mandatory
for Level 3



Conditional
mandatory



Code Table



eHR Contact

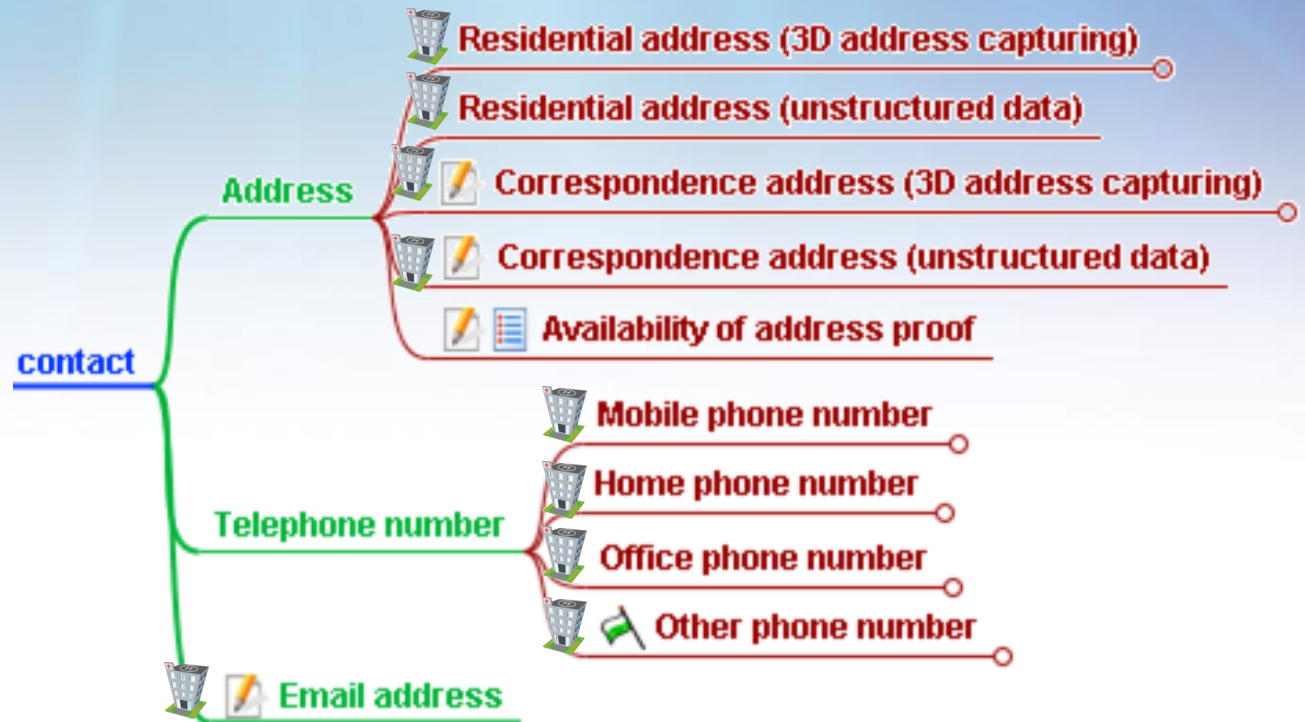
Participant
Identity

Contact

Birth data

Death date

eHR
Communication



Repeatable



Sharable
PMI data



Conditional
mandatory



Code Table

eHR Birth data

Participant
Identity

Contact

Birth data

Death date

eHR
Communication

Birth data



Birth institution



Birth episode unique identifier



Birth episode number



Conditional
mandatory



Code Table

eHR Death date

Participant
Identity

Contact

Birth data

Death date

eHR
Communication

Death date

Date of death



Exact date of death indicator



Death date source indicator

Death time



Conditional
mandatory



Code Table



eHR Communication

Participant
Identity

Contact

Birth data

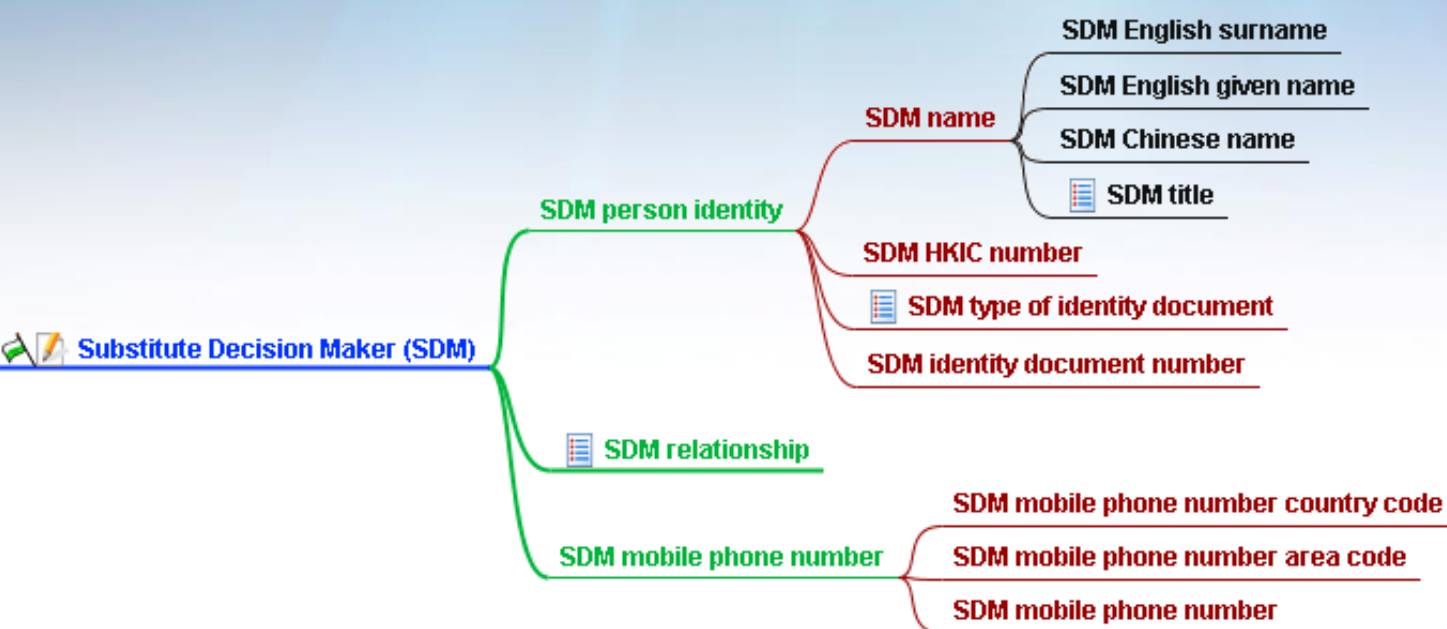
Death date

eHR
Communication

eHR communication

- ③ Communication means
- ③ Correspondence language
- ③ Access alert indicator
- ✎ SMS receiving phone number

eHR Substitute Decision Maker



Substitute
Decision Maker

Contact Person

eHR enrolment



Repeatable

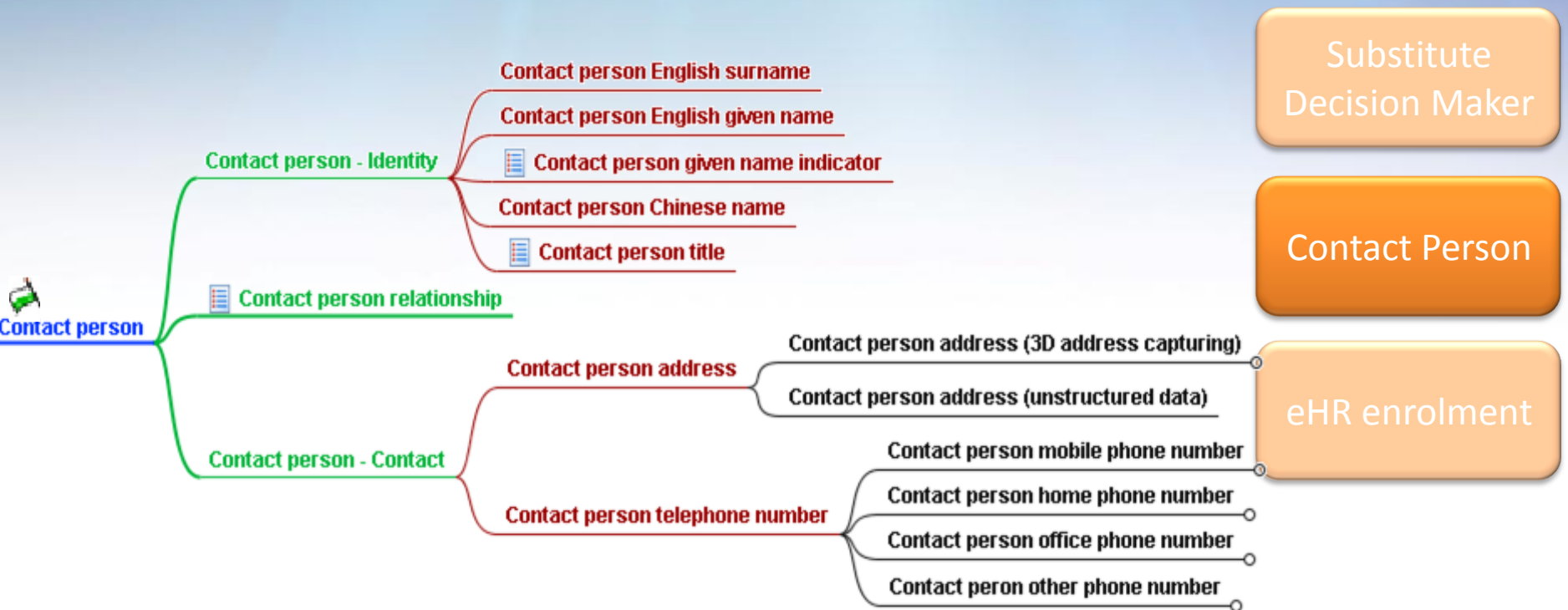


Conditional
mandatory



Code Table

eHR Contact Person



eHR Enrolment

eHR enrolment

  eHR enrolment start date

 eHR enrolment end date

 Gillick test performed indicator

Substitute
Decision Maker

Contact Person

eHR enrolment

No level 1 & 2 data



eHR Participant : Example – Level 3 (1/4)

Entity Name	Data Requirement (Certified Level 3)	Example (Adult)
eHR number	M	1234 4567 XXXX
HKIC number	M if [Type of identity document] = ID / BC	A1234XXX
English surname	M	Chan
English given name	M if [Given name indicator] = no	Tai Man Peter
Given name indicator	M	N
Sex	M	M
Date of birth	M	3/2/1991
Exact date of birth indicator	M	EDMY
Type of identity document	M	ID
Identity document number	M if [HKIC Number] is blank	
Nationality	M if [Type of identity document] is not issued by HKSAR	HK

eHR Participant : Example – Level 3 (2/4)

Entity Name	Data Requirement (Certified Level 3)	Example (Adult)
Correspondence address - CSUID	M if [Correspondence address (unstructured data)] is blank	
Correspondence address - Room		B
Correspondence address - Floor		8
Correspondence address - Block		A
Correspondence address - Building		Peak Tower
Correspondence address - Estate		
Correspondence address - Street number		11
Correspondence address - Street name		Peak Road
Correspondence address - Subdistrict		
Correspondence address - District		Mid-level
Correspondence address - Region		
Correspondence address - State		
Correspondence address - Country		Hong Kong
Correspondence address - Postal code		
Correspondence address (unstructured data)	M if [Correspondence address] is blank	

eHR Participant : Example – Level 3 (3/4)

Entity Name	Data Requirement (Certified Level 3)	Example (Adult)
Mobile phone number country code	O	852
Mobile phone number area code	O	
Mobile phone number	O	9000 0000
Email address	M if [Communication means] = Email	peter.chan@12345.com
Date of death	O	
Exact date of death indicator	M if [Date of death] is not blank	
Death date source indicator	M if [Date of death] is not blank	
Death time	O	
Communication means	M	SMS
Correspondence language	M	C
Access alert indicator	M	Y
SMS receiving phone number	M if [Communication means] = SMS	9000 0000

eHR Participant : Example – Level 3 (4/4)

Entity Name	Data Requirement (Certified Level 3)	Example (Adult)
Contact person English surname	O	Chan
Contact person English given name	O	Health
Contact person relationship	O	
Contact person mobile phone number country code	O	852
Contact person mobile phone number area code	O	
Contact person mobile phone number	O	9000 0011
eHR enrolment start date	M	1/7/2013
eHR enrolment end date	O	

eHR Enrolment Service – Screen layout

New Enrolment

Start Enrolment >

Fill in the Form >

Confirm Details >

Sign Consent Form >

Completed >

Method 1: SMART ID Enrolment

Please ask participant to insert SMART ID to the card reader and click < Start > button



 Start

Method 2: Non-SMART ID Enrolment

Please fill in the information and click < Search > button

☒ HKIC No.

☐ Identity Document Type
Identity Document No.

* English name

Surname

Given Name

☐ No Given Name

* Date of Birth

* Sex

 Continue

eHR Enrolment Service – Screen layout

New Enrolment

[Start Enrolment](#)[Fill in the Form](#)[Confirm Details](#)[Sign Consent Form](#)[Completed](#)

HKIC No. UN0501295 * Sex Female
Identity Document Type HKID Card * Date of Birth 02-Feb-1945 Exact DOB EDMY Age 67 years
Issuing Country Hong Kong
Identity Document No.
English Name CHAN, TAI MAN
Other Name
Chinese Name

**eHR Participant's
identity data**

* Enrolment Form Type ☒ Pre-filled form with 2D barcode ☐ Hand written consent form

[Contact Info.](#) [Contact Person.](#) [Substitute Decision Marker](#)

Home Phone 852 - Ext
Office Phone 852 -
Mobile Phone 852 -
☒ Other Phone
* Communication Means
Email Address
Communication Language
☒ Access Alert Message

Correspondence Address

☐ Chinese Address☐ Availability of Address Proof

Room/Flat Floor Block
Building
Estate/Village
Street No. Street/Road
Region District Subdistrict
Country State/Province Postal Code

eHR viewer – Screen layout

The screenshot displays the eHR viewer interface. At the top, a browser window shows the URL <http://portal.ehr.gov.hk:20621/group/EVE/eve-adt>. Below the browser window, a navigation bar includes links for File, Edit, View, Favorites, Tools, and Help. The main content area is divided into a header section and a table section.

Header Section:

- Participant Information:** 鄭大妹 KWOK, TAI MUI; HKIC : A987037A; DOB : 1916; Age : 96 years; Sex : F. A [Details](#) link is available.
- Buttons:** Allergy & ADR (red), Close Record (blue), and Select Participant (blue).

Encounters Table:

Start Date	End Date	Specialty	Type	Status	Institution
08-Jan-2013		CARDIO	Out-patient		PYH
05-Dec-2012		MED	Out-Patient		QMH
08-Oct-2012		EYE	Out-Patient		HKE
06-Apr-2012	07-Apr-2012	EYE	In-patient	Discharged home	QMH
03-Apr-2012	05-Apr-2012	MED	In-patient	Missing	QMH
05-Feb-2012			Out-patient	Attended	Dr. Hui Wing Yan Clinic
02-Feb-2012			Out-patient	Attended	Dr. Ma Lok Kei Clinic
09-Oct-2011		EYE	Out-patient		HKE
26-Jul-2011		MED	Out-Patient		PYH
24-Mar-2011		FM	Out-patient	Cancelled	DH
25-Jan-2011		ENT	Out-patient	DAMA	STH
13-Dec-2010	15-Dec-2010	MED	In-patient	Attended	PYH
15-Sep-2010		FM	Out-patient	Not Attended	DH
12-Sep-2010		FM	Out-patient		DH

An orange arrow points from the **Encounters** table header to a text box at the bottom right.

Text Box: eHR Participant data (from eHR Participant Index)

Left Sidebar:

- All** (selected), Local, Non-Local
- Clinical Notes & Summary**
 - Clinical Notes & Summary
 - Referral
- Encounters** (selected)
- Problem & Procedure**
 - Problem / Diagnosis
 - Procedure
 - Other Investigation
- Medication**
 - Prescribing History
 - Dispensing History
- Laboratory Record**
 - Biochemistry
 - Haematology
 - Blood Bank
 - Microbiology
 - Anatomical Pathology
- Radiology Record**
 - General Radiology
 - Fluroscopy
 - Magnetic Resonance Imaging
 - Immunisation Record

Related Files

- Data schema
 - [eHR Participant](#)
- Codex
 - [Birth institution](#)
 - [Communication means](#)
 - [Correspondence language](#)
 - [Death date source indicator](#)
 - [Exact date](#)
 - [Nationality](#)
 - [Relationship](#)
 - [Sex](#)
 - [Title](#)
 - [Type of identity document](#)
 - [Yes no](#)

eHR Participant – data schema (1/7)

eHR Sharable Data - eHR Participant

Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Data Requirement (Certified Level 3)	Example (Adult)
PMI	eHR number	1001948	A unique eHR Participant identification number assigned to each eHR Participant for each participation in the Hong Kong eHR	ST	String				M	1234 4567 XXXX
PMI	HKIC number	1001949	The Hong Kong Identity Card number or the Registration No. printed on Hong Kong Birth Certificate issued by HKSAR Immigration Department, include the check digit	ST	String				M if [Type of identity document] = ID / BC	A1234XXX
PMI	English surname	1001950	Surname of the eHR Participant in English as indicated on the eHR Participant's identity / travel document	ST	String				M	Chan
PMI	English given name	1001951	Given name of the eHR Participant in English as indicated on the eHR Participant's identity / travel document	ST	String				M if [Given name indicator] = no	Tai Man Peter
PMI	Given name indicator	1001952	An indicator to indicate the eHR Participant English given name is blank which is allowed under two circumstances: 1. the eHR Participant does not have English given name 2. the eHR Participant only has English given name but no English surname and the English given name is put in the [English surname] data field	CE	Coded Element			Yes No	M	N
PMI	Chinese name	1001953	Full name of the eHR Participant in Chinese as indicated on the eHR Participant's identity / travel document. Encoding method : Unicode	ST	String				O	
PMI	Chinese Commercial Code	1001954	Chinese Commercial Code of the eHR Participant's Chinese name	NM	Numeric				O	1234 1234 1234
PMI	Other name	1001955	Any name by which the eHR Participant has been known other than the current legal name	ST	String				O	
PMI	Sex	1001956	Sex as indicated on the eHR Participant's identity / travel document	CE	Coded Element			Sex	M	M
PMI	Date of birth	1001957	The birth date as indicated on the eHR Participant's identity / travel document	TS	Time Stamp				M	3/2/1991
PMI	Exact date of birth indicator	1001958	An indicator to indicate whether the displayed date of birth is the exact birth date as shown on the eHR Participant's identity / travel document.	CE	Coded Element			Exact date	M	EDMY
PMI	Type of identity document	1001959	Type of identity / travel document of the eHR Participant presented for eHR enrolment	CE	Coded Element			Type of identity document	M	ID
PMI	Identity document number	1001960	The number of the identity / travel document the eHR Participant presented for eHR enrolment	ST	String data				M if [HKIC Number] is blank	
PMI	Nationality	1001961	Issuing country of the type of identity document for eHR enrolment	CE	Coded Element			Nationality	M if [Type of identity document] is not issued by HKSAR	HK
PMI	Residential address - CSUID	1001966	A unique identifier for residential address	ST	String				O	
PMI	Residential address - Room		Room number of residential address	ST	String				O	
PMI	Residential address - Floor		Floor of residential address	ST	String				O	

eHR Participant – data schema (2/7)

eHR Sharable Data - eHR Participant

Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Data Requirement (Certified Level 3)	Example (Adult)
PMI	Residential address - Block		Block of residential address	ST	String				O	
PMI	Residential address - Building		Building name of residential address	ST	String				O	
PMI	Residential address - Estate		Estate, village or lot of residential address	ST	String				O	
PMI	Residential address - Street number		Street number of residential address	ST	String				O	3
PMI	Residential address - Street name		Street name of residential address	ST	String				O	Peak Road
PMI	Residential address - Subdistrict		Subdistrict of residential address	ST	String				O	
PMI	Residential address - District		District code of residential address	ST	String				O	Sydney
PMI	Residential address - Region		Region of residential address	ST	String				O	
PMI	Residential address - State		State of residential address	ST	String				O	New South Wales
PMI	Residential address - Country		Country of residential address	ST	String				O	Australia
PMI	Residential address - Postal code		Postal code of residential address	ST	String				O	NSW 2000
PMI	Residential address (unstructured data)	1001967	Residential address (unstructured data)	ST	String				O	
PMI	Correspondence address - CSUID	1001968	A unique identifier for correspondence address	ST	String				M if [Correspondence address (unstructured data)] is blank	
PMI	Correspondence address - Room		Room number of correspondence address	ST	String					
PMI	Correspondence address - Floor		Floor of correspondence address	ST	String					
PMI	Correspondence address - Block		Block of correspondence address	ST	String					
PMI	Correspondence address - Building		Building name or post office box of correspondence address	ST	String					Kowloon Post Office Box 1234
PMI	Correspondence address - Estate		Estate, village or lot of correspondence address	ST	String					
PMI	Correspondence address - Street number		Street number of correspondence address	ST	String					
PMI	Correspondence address - Street name		Street name of correspondence address	ST	String					
PMI	Correspondence address - Subdistrict		Subdistrict of correspondence address	ST	String					
PMI	Correspondence address - District		District code of correspondence address	ST	String					

eHR Participant – data schema (3/7)

eHR Sharable Data - eHR Participant

Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Data Requirement (Certified Level 3)	Example (Adult)
PMI	Correspondence address - Region		Region of correspondence address	ST	String					
PMI	Correspondence address - State		State of correspondence address	ST	String					
PMI	Correspondence address - Country		Country of correspondence address	ST	String					
PMI	Correspondence address - Postal code		Postal code of correspondence address	ST	String					
PMI	Correspondence address (unstructured data)	1001969	Correspondence address (unstructured data)	ST	String				M if [Correspondence address] is blank	
PMI	Availability of address proof	1001970	An indicator to indicate whether address proof is presented by the eHR Participant	CE	Coded Element			Yes No	M if the [Communication means] = PM and the participant does not use SmartID for enrolment	
PMI	Mobile phone number country code		Country code of mobile phone number	NM	Numeric				O	852
PMI	Mobile phone number area code		Area code of mobile phone number	NM	Numeric				O	
PMI	Mobile phone number	1001971	Mobile phone number	NM	Numeric				O	9000 0000
PMI	Home phone number country code		Country code of home phone number	NM	Numeric				O	61
PMI	Home phone number area code		Area code of home phone number	NM	Numeric				O	2
PMI	Home phone number	1001972	Home phone number	NM	Numeric				O	2000 0000
PMI	Office phone number country code		Country code of office phone number	NM	Numeric				O	852
PMI	Office phone number area code		Area code of office phone number	NM	Numeric				O	
PMI	Office phone number	1001973	Office phone number	NM	Numeric				O	2123 0000
PMI	Office phone extension number	1001974	Office phone extension number	NM	Numeric				O	
PMI	Other phone number country code		Country code of other phone number	NM	Numeric		Y		O	
PMI	Other phone number area code		Area code of other phone number	NM	Numeric		Y		O	
PMI	Other phone number	1001975	Other phone number	NM	Numeric		Y		O	
PMI	Email address	1001976	Email address	ST	String				M if [Communication means] = Email	peter.chan@12345.com
PMI	Birth institution	1001994	The name of the healthcare institution where the eHR Participant was born	CE	Coded Element			Birth institution	tbc	
PMI	Birth episode unique identifier	1001995	A unique eHR Participant identifier of the eHR Participant in the birth hospital	ST	String				tbc	

eHR Participant – data schema (4/7)

eHR Sharable Data - eHR Participant

Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Data Requirement (Certified Level 3)	Example (Adult)
PMI	Birth episode number		An episode number issued to the eHR Participant upon the birth episode of the eHR Participant	ST	String				tbc	
PMI	Date of death	1001962	The date when the eHR Participant was certified dead or the date recorded by ImmD as death date	TS	Time Stamp				O	
PMI	Exact date of death indicator	1001963	An indicator to indicate whether the displayed death date is the exact death date	CE	Coded Element			Exact date	M if [Date of death] is not blank	
PMI	Death date source indicator		An indicator to indicate whether the death date is a registered death from ImmD or a reported death from healthcare provider	CE	Coded Element			Death date indicator	M if [Date of death] is not blank	
PMI	Death time		The time when the eHR Participant was certified dead by healthcare provider	TS	Time Stamp				O	
PMI	Communication means	1001977	The route for receiving the eHR communication	CE	Coded Element			Communication means	M	SMS
PMI	Correspondence language	1001978	The language for the correspondence	CE	Coded Element			Correspondence language	M	C
PMI	Access alert indicator	1001979	An indicator to indicate the Participant's willingness to receive eHR access alert message according to the selected communication means, except by postal mail.	CE	Coded Element			Yes No	M	Y
PMI	SMS receiving phone number	1001980	The local mobile phone number to receive SMS text	NM	Numeric				M if [Communication means] = SMS	9000 0000
PMI	Substitute Decision Maker English surname		Surname of the Substitute Decision Maker in English	ST	String		Y		M if eHR Participant's age < 16 years and [Gillick test performed indicator] = No	
PMI	Substitute Decision Maker English given name		Given name of the Substitute Decision Maker in English	ST	String		Y		M if eHR Participant's age < 16 years and [Gillick test performed indicator] = No and [SDM Given name indicator] = No	
PMI	Substitute Decision Maker Given name indicator		An indicator to indicate the Substitute Decision Maker English given name is blank which is allowed under two circumstances: 1. the SDM does not have English given name 2. the SDM only has English given name but no English surname and the English given name is put in the [Substitute Decision Maker English surname] data field	CE	Coded Element		Y	Yes No	M if eHR Participant's age < 16 years and [Gillick test performed indicator] = No	N
PMI	Substitute Decision Maker Chinese name		Full name of the Substitute Decision Maker in Chinese. Encoding method : Unicode	ST	String		Y		O	
PMI	Substitute Decision Maker title		Preceding the Substitute Decision Maker's English name for addressing that eHR Participant	CE	Coded Element		Y	Title	M if eHR Participant's age < 16 years and [Gillick test performed indicator] = No	

eHR Participant – data schema (5/7)

eHR Sharable Data - eHR Participant

Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Data Requirement (Certified Level 3)	Example (Adult)
PMI	Substitute Decision Maker HKIC number		The Hong Kong Identity Card number of the Substitute Decision Maker, issued by HKSAR Immigration Department, include the check digit	ST	String		Y		M if eHR Participant's age < 16 years and [Gillick test performed indicator] = No and [SDM identity document number] is blank	
PMI	Substitute Decision Maker type of identity document		Type of identity / travel document of the Substitute Decision Maker	CE	Coded Element		Y	Type of identity document	M if eHR Participant's age < 16 years and [Gillick test performed indicator] = No	
PMI	Substitute Decision Maker identity document number		The number of the identity / travel document of the Substitute Decision Maker	ST	String		Y		M if eHR Participant's age < 16 years and [Gillick test performed indicator] = No and [SDM HKIC number] is blank	
PMI	Substitute Decision Maker relationship		Relationship of the Substitute Decision Maker with the Participant	CE	Coded Element		Y	Relationship	M if eHR Participant's age < 16 years and [Gillick test performed indicator] = No	
PMI	Substitute Decision Maker mobile phone number country code		Country code of Substitute Decision Maker's mobile phone number	NM	Numeric		Y		M if eHR Participant's age < 16 years and [Gillick test performed indicator] = No	
PMI	Substitute Decision Maker mobile phone number area code		Area code of Substitute Decision Maker's mobile phone number	NM	Numeric		Y		M if eHR Participant's age < 16 years and [Gillick test performed indicator] = No	
PMI	Substitute Decision Maker mobile phone number		Substitute Decision Maker's mobile phone number	NM	Numeric		Y		M if eHR Participant's age < 16 years and [Gillick test performed indicator] = No	
PMI	Contact person English surname	1001981	Surname of the contact person in English	ST	String		Y		O	Chan
PMI	Contact person English given name	1001982	Given name of the contact person in English	ST	String		Y		O	Health
PMI	Contact person given name indicator	1001983	An indicator to indicate the contact person English given name is blank which is allowed under two circumstances: 1. the contact person does not have English given name 2. the contact person only has English given name but no English surname and the english given name is put in the [Contact person English surname] data field	CE	Coded Element		Y	Yes No	O	N
PMI	Contact person Chinese name	1001984	Full name of the contact person in Chinese. Encoding method : Unicode	ST	String		Y		O	

eHR Participant – data schema (6/7)

eHR Sharable Data - eHR Participant

Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Data Requirement (Certified Level 3)	Example (Adult)
PMI	Contact person title	1001985	Preceding the contact person's English name for addressing that person	CE	Coded Element		Y	Title	O	Mrs
PMI	Contact person relationship	1001986	Relationship of the contact person with the eHR Participant	CE	Coded Element		Y	Relationship	O	
PMI	Contact person address - CSUID	1001987	A unique identifier for contact person's address	ST	String		Y		O	
PMI	Contact person address - Room		Room number of contact person's address	ST	String		Y		O	
PMI	Contact person address - Floor		Floor of contact person's address	ST	String		Y		O	
PMI	Contact person address - Block		Block of contact person's address	ST	String		Y		O	
PMI	Contact person address - Building		Building name or post office box of contact person's address	ST	String		Y		O	
PMI	Contact person address - Estate		Estate, village or lot of contact person's address	ST	String		Y		O	
PMI	Contact person address - Street number		Street number of contact person's address	ST	String		Y		O	
PMI	Contact person address - Street name		Street name of contact person's address	ST	String		Y		O	
PMI	Contact person address - Subdistrict		Subdistrict of contact person's address	ST	String		Y		O	
PMI	Contact person address - District		District code of contact person's address	ST	String		Y		O	
PMI	Contact person address - Region		Region of contact person's address	ST	String		Y		O	
PMI	Contact person address - State		State of contact person's address	ST	String		Y		O	
PMI	Contact person address - Country		Country of contact person's address	ST	String		Y		O	
PMI	Contact person address - Postal code		Postal code of correspondence address	ST	String		Y		O	
PMI	Contact person address (unstructured data)	1001988	Contact person's address (unstructured data)	ST	String		Y		O	
PMI	Contact person mobile phone number country code		Country code of contact person's mobile phone number	NM	Numeric		Y		O	852
PMI	Contact person mobile phone number area code		Area code of contact person's mobile phone number	NM	Numeric		Y		O	
PMI	Contact person mobile phone number	1001989	Contact person's mobile phone number	NM	Numeric		Y		O	9000 0011
PMI	Contact person home phone number country code		Country code of contact person's home phone number	NM	Numeric		Y		O	852
PMI	Contact person home phone number area code		Area code of contact person's home phone number	NM	Numeric		Y		O	

eHR Participant – data schema (7/7)

eHR Sharable Data - eHR Participant

Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Data Requirement (Certified Level 3)	Example (Adult)
PMI	Contact person home phone number	1001990	Contact person's home phone number	NM	Numeric		Y		O	2222 0011
PMI	Contact person office phone number country code		Country code of contact person's office phone number	NM	Numeric		Y		O	
PMI	Contact person office phone number area code		Area code of contact person's office phone number	NM	Numeric		Y		O	
PMI	Contact person office phone number	1001991	Contact person's office phone number	NM	Numeric		Y		O	
PMI	Contact person office phone extension number	1001992	Contact person's office phone extension number	NM	Numeric		Y		O	
PMI	Contact person other phone number country code		Country code of contact person's other phone number	NM	Numeric		Y		O	
PMI	Contact person other phone number area code		Area code of contact person's other phone number	NM	Numeric		Y		O	
PMI	Contact person other phone number	1001993	Contact person's other phone number	NM	Numeric		Y		O	
PMI	eHR enrolment start date		The date the eHR Participant enrolled to eHR	TS	Time Stamp		Y		M	1/7/2013
PMI	eHR enrolment end date		The date the eHR Participant withdrew from eHR (i.e. the withdrawal effective date)	TS	Time Stamp		Y		O	
PMI	Gillick test performed indicator		An indicator to indicate a Gillick test is performed by a healthcare professional for the Minor for eHR enrolment	CE	Coded Element			Yes No	O	

eHR Participant codex – birth institution

eHR Sharable Data - Codex: Birth Institution

Birth Institution

Purpose : To indicate the institution where the eHR participant is born

Reference: HA

Term ID	eHR Value	eHR Description
	KWH	Kwong Wah Hospital
	PMH	Princess Margaret Hospital
	PWH	Prince of Wales Hospital
	PYN	Pamela Youde Nethersole Eastern Hospital
	QEH	Queen Elizabeth Hospital
	QMH	Queen Mary Hospital
	TMH	Tuen Mun Hospital
	UCH	United Christian Hospital
	CH	Canossa Hospital (Caritas)
	EH	Evangel Hospital
	HKA	Hong Kong Adventist Hospital
	HKBH	Hong Kong Baptist Hospital
	HKC	Hong Kong Central Hospital
	HKS	Hong Kong Sanatorium & Hospital Limited
	MWM	Matilda & War Memorial Hospital
	PBH	Precious Blood Hospital (Caritas)
	UH	Shatin International Medical Centre Union Hospital
	SPH	St. Paul's Hospital
	STH	St. Teresa's Hospital
	TWA	Tsuen Wan Adventist Hospital

eHR Participant codex – communication means

eHR Sharable Data - Codex: Communication Means

Communication means

Purpose : to indicate by which route for receiving the eHR communication

Reference : eHR

Term ID	eHR Value	eHR Description
	EM	Email
	PM	Postal mail
	SMS	Short message service



eHR Participant codex – correspondence language

eHR Sharable Data - Codex: Correspondence Language

Correspondence language

Purpose : to indicate correspondence language

Source : eHR

Term ID	eHR Value	eHR Description
	C	Traditional Chinese
	E	English

eHR Participant codex – death date source indicator

eHR Sharable Data - Codex: Death Date Source Indicator

Death date source indicator

Purpose : to indicate the source of the captured death information

Reference : eHR

Term ID	eHR Value	eHR Description
	RG	Registered death (from Death Registry)
	RP	Reported death (from healthcare provider)

eHR Participant codex – exact date

eHR Sharable Data - Codex: Exact Date

Exact Date

Purpose : to indicate whether the captured date exactly match the data shown on supporting document, e.g. Hong Kong Identity Card

Source : eHR

Term ID	Value	eHR Description
	EY	Exact year
	EMY	Exact month, year
	EDMY	Exact day, month, year

eHR Participant codex – nationality (1/8)

eHR Sharable Data - Codex: Nationality

Nationality

Purpose : The issuing country of the type of identity document for eHR enrolment

Reference : OGCI (ISO 3166-1-alpha-2 code)

Term ID	eHR Value	eHR Description
	AF	AFGHANISTAN
	AX	ÅLAND ISLANDS
	AL	ALBANIA
	DZ	ALGERIA
	AS	AMERICAN SAMOA
	AD	ANDORRA
	AO	ANGOLA
	AI	ANGUILLA
	AQ	ANTARCTICA
	AG	ANTIGUA AND BARBUDA
	AR	ARGENTINA
	AM	ARMENIA
	AW	ARUBA
	AU	AUSTRALIA
	AT	AUSTRIA
	AZ	AZERBAIJAN
	BS	BAHAMAS
	BH	BAHRAIN
	BD	BANGLADESH
	BB	BARBADOS
	BY	BELARUS
	BE	BELGIUM
	BZ	BELIZE
	BJ	BENIN
	BM	BERMUDA
	BT	BHUTAN
	BO	BOLIVIA, PLURINATIONAL STATE OF
	BQ	BONAIRE, SINT EUSTATIUS AND SABA
	BA	BOSNIA AND HERZEGOVINA
	BW	BOTSWANA
	BV	BOUVET ISLAND
	BR	BRAZIL

eHR Participant codex – nationality (2/8)

eHR Sharable Data - Codex: Nationality

Term ID	eHR Value	eHR Description
	IO	BRITISH INDIAN OCEAN TERRITORY
	BN	BRUNEI DARUSSALAM
	BG	BULGARIA
	BF	BURKINA FASO
	BI	BURUNDI
	KH	CAMBODIA
	CM	CAMEROON
	CA	CANADA
	CV	CAPE VERDE
	KY	CAYMAN ISLANDS
	CF	CENTRAL AFRICAN REPUBLIC
	TD	CHAD
	CL	CHILE
	CN	CHINA
	CX	CHRISTMAS ISLAND
	CC	COCOS (KEELING) ISLANDS
	CO	COLOMBIA
	KM	COMOROS
	CG	CONGO
	CD	CONGO, THE DEMOCRATIC REPUBLIC OF THE
	CK	COOK ISLANDS
	CR	COSTA RICA
	CW	CURAÇAO
	CI	CÔTE D'IVOIRE
	HR	CROATIA
	CU	CUBA
	CY	CYPRUS
	CZ	CZECH REPUBLIC
	DK	DENMARK
	DJ	DJIBOUTI
	DM	DOMINICA
	DO	DOMINICAN REPUBLIC
	EC	ECUADOR
	EG	EGYPT
	SV	EL SALVADOR

eHR Participant codex – nationality (3/8)

eHR Sharable Data - Codex: Nationality

Term ID	eHR Value	eHR Description
	GQ	EQUATORIAL GUINEA
	ER	ERITREA
	EE	ESTONIA
	ET	ETHIOPIA
	FK	FALKLAND ISLANDS (MALVINAS)
	FO	FAROE ISLANDS
	FJ	FIJI
	FI	FINLAND
	FR	FRANCE
	GF	FRENCH GUIANA
	PF	FRENCH POLYNESIA
	TF	FRENCH SOUTHERN TERRITORIES
	GA	GABON
	GM	GAMBIA
	GE	GEORGIA
	DE	GERMANY
	GH	GHANA
	GI	GIBRALTAR
	GR	GREECE
	GL	GREENLAND
	GD	GRENADA
	GP	GUADELOUPE
	GU	GUAM
	GT	GUATEMALA
	GG	GUERNSEY
	GN	GUINEA
	GW	GUINEA-BISSAU
	GY	GUYANA
	HT	HAITI
	HM	HEARD ISLAND AND MCDONALD ISLANDS
	VA	HOLY SEE (VATICAN CITY STATE)
	HN	HONDURAS
	HK	HONG KONG
	HU	HUNGARY
	IS	ICELAND

eHR Participant codex – nationality (4/8)

eHR Sharable Data - Codex: Nationality

Term ID	eHR Value	eHR Description
	IN	INDIA
	ID	INDONESIA
	IR	IRAN, ISLAMIC REPUBLIC OF
	IQ	IRAQ
	IE	IRELAND
	IM	ISLE OF MAN
	IL	ISRAEL
	IT	ITALY
	JM	JAMAICA
	JP	JAPAN
	JE	JERSEY
	JO	JORDAN
	KZ	KAZAKHSTAN
	KE	KENYA
	KI	KIRIBATI
	KP	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF
	KR	KOREA, REPUBLIC OF
	KW	KUWAIT
	KG	KYRGYZSTAN
	LA	LAO PEOPLE'S DEMOCRATIC REPUBLIC
	LV	LATVIA
	LB	LEBANON
	LS	LESOTHO
	LR	LIBERIA
	LY	LIBYAN ARAB JAMAHIRIYA
	LI	LIECHTENSTEIN
	LT	LITHUANIA
	LU	LUXEMBOURG
	MO	MACAO
	MK	MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF
	MG	MADAGASCAR
	MW	MALAWI
	MY	MALAYSIA
	MV	MALDIVES
	ML	MALI

eHR Participant codex – nationality (5/8)

eHR Sharable Data - Codex: Nationality

Term ID	eHR Value	eHR Description
	MT	MALTA
	MH	MARSHALL ISLANDS
	MQ	MARTINIQUE
	MR	MAURITANIA
	MU	MAURITIUS
	YT	MAYOTTE
	MX	MEXICO
	FM	MICRONESIA, FEDERATED STATES OF
	MD	MOLDOVA, REPUBLIC OF
	MC	MONACO
	MN	MONGOLIA
	ME	MONTENEGRO
	MS	MONTserrat
	MA	MOROCCO
	MZ	MOZAMBIQUE
	MM	MYANMAR (Burma)
	NA	NAMIBIA
	NR	NAURU
	NP	NEPAL
	NL	NETHERLANDS
	NC	NEW CALEDONIA
	NZ	NEW ZEALAND
	NI	NICARAGUA
	NE	NIGER
	NG	NIGERIA
	NU	NIUE
	NF	NORFOLK ISLAND
	MP	NORTHERN MARIANA ISLANDS
	NO	NORWAY
	OM	OMAN
	PK	PAKISTAN
	PW	PALAU
	PS	PALESTINIAN TERRITORY, OCCUPIED
	PA	PANAMA
	PG	PAPUA NEW GUINEA

eHR Participant codex – nationality (6/8)

eHR Sharable Data - Codex: Nationality

Term ID	eHR Value	eHR Description
	PY	PARAGUAY
	PE	PERU
	PH	PHILIPPINES
	PN	PITCAIRN
	PL	POLAND
	PT	PORTUGAL
	PR	PUERTO RICO
	QA	QATAR
	RE	RÉUNION
	RO	ROMANIA
	RU	RUSSIAN FEDERATION
	RW	RWANDA
	BL	SAINT BARTHÉLEMY
	SH	SAINT HELENA, ASCENSION AND TRISTAN DA CUNHA
	KN	TTS AND NEVIS
	LC	SAINT LUCIA
	MF	SAINT MARTIN
	PM	SAINT PIERRE AND MIQUELON
	VC	SAINT VINCENT AND THE GRENADINES
	WS	SAMOA
	SM	SAN MARINO
	ST	SAO TOME AND PRINCIPE
	SA	SAUDI ARABIA
	SN	SENEGAL
	RS	SERBIA
	SC	SEYCHELLES
	SL	SIERRA LEONE
	SG	SINGAPORE
	SX	SINT MAARTEN (DUTCH PART)
	SK	SLOVAKIA
	SI	SLOVENIA
	SB	SOLOMON ISLANDS
	SO	SOMALIA
	ZA	SOUTH AFRICA
	GS	SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS

eHR Participant codex – nationality (7/8)

eHR Sharable Data - Codex: Nationality

Term ID	eHR Value	eHR Description
	SS	SOUTH SUDAN
	ES	SPAIN
	LK	SRI LANKA
	SD	SUDAN
	SR	SURINAME
	SJ	SVALBARD AND JAN MAYEN
	SZ	SWAZILAND
	SE	SWEDEN
	CH	SWITZERLAND
	SY	SYRIAN ARAB REPUBLIC
	TW	TAIWAN, PROVINCE OF CHINA
	TJ	TAJIKISTAN
	TZ	TANZANIA, UNITED REPUBLIC OF
	TH	THAILAND
	TL	TIMOR-LESTE
	TG	TOGO
	TK	TOKELAU
	TO	TONGA
	TT	TRINIDAD AND TOBAGO
	TN	TUNISIA
	TR	TURKEY
	TM	TURKMENISTAN
	TC	TURKS AND CAICOS ISLANDS
	TV	TUVALU
	UG	UGANDA
	UA	UKRAINE
	AE	UNITED ARAB EMIRATES
	GB	UNITED KINGDOM
	US	UNITED STATES
	UM	UNITED STATES MINOR OUTLYING ISLANDS
	UY	URUGUAY
	UZ	UZBEKISTAN
	VU	VANUATU
	VE	VENEZUELA, BOLIVARIAN REPUBLIC OF
	VN	VIET NAM

eHR Participant codex – nationality (8/8)

eHR Sharable Data - Codex: Nationality

Term ID	eHR Value	eHR Description
	VG	VIRGIN ISLANDS, BRITISH
	VI	VIRGIN ISLANDS, U.S.
	WF	WALLIS AND FUTUNA
	EH	WESTERN SAHARA
	YE	YEMEN
	ZM	ZAMBIA
	ZW	ZIMBABWE

eHR Participant codex – relationship

eHR Sharable Data - Codex: Relationship

Relationship

Purpose : to indicate the relationship between two persons

Reference : HA / HL7

Term ID	eHR Value	eHR Description
	AU	Aunt
	BR	Brother
	CO	Cousin
	DA	Daughter
	FA	Father
	FR	Friend
	GC	Grandchild
	GP	Grandparent
	GU	Guardian
	HU	Husband
	IL	In-law
	MAI	Maid
	MO	Mother
	NE	Nephew
	NI	Niece
	OT	Other
	SI	Sister
	SO	Son
	UN	Uncle
	WI	Wife
	HCP	Healthcare Professional

eHR Participant codex – sex

eHR Sharable Data - Codex: Sex

Sex

Purpose : to indicate the sex of a person

Reference : OGCIO (HL7)

Term ID	eHR Value	eHR Description
	F	Female
	M	Male
	U	Unknown

eHR Participant codex – title



eHR Sharable Data - Codex: Title

Title

Purpose : to indicate personal title of a person

Source : OGCIO

Term ID	eHR Value	eHR Description
	Dr	Doctor
	Miss	Miss
	Mr	Mr
	Mrs	Mrs
	Ms	Ms
	Pro	Professor

eHR Participant codex – type of identity document

eHR Sharable Data - Codex: Type of Identity Document

Type of identity document

Purpose : to identify the type of identity document the participant presented during eHR enrolment

Reference : HA

Term ID	eHR Value	eHR Simple description	eHR Chinese description	eHR Full Description
	AR	Adoption Certificate	領養證明書	Adopted Children Register (include those issued by HKSAR and non-HKSAR government authorities)
	BC	Birth Certificate - HK	香港出生證明書	Hong Kong Birth Certificate
	DI	Document of Identity for Visa Purposes	香港特別行政區簽證身份書	HKSAR Document of Identity for Visa Purposes
	EC	Exemption Certificate	豁免登記領取身份證明書豁免身份證	Exemption Certificate
	ID	HKID Card	香港身份證	Hong Kong Identity Card
	ID235B	Permit to Remain in HKSAR (ID 235B)	香港居留期許可證 (ID 235B)	Permit to Remain in HKSAR (ID 235B)
	IM	Immunisation Record Card	免疫接種記錄	Immunisation record card printed by the HKSAR Department of Health
	OC	Identity/travel documents - PRC	中華人民共和國發之其他身份證明文件 / 旅遊證件	Other identity / travel documents issued by the People Republic of China government / authorising agent
	OP	Identity/ travel document - overseas	其他國家發之其他身份證明文件 / 旅遊證件	Other identity / travel documents issued by non-PRC government / authorising agent
	OW	One-way Permit	單程証	One-way Permit
	PS	HKSAR Passport	香港特別行政區護照	HKSAR Passport
	RP	Re-entry Permit	回港証	Re-entry Permit
	TW	Two-way Permit	雙程証	Two-way Permit

eHR Participant codex – yes no

eHR Sharable Data - Codex: Yes No

Yes No

Reference : HL7

Term ID	eHR Value	eHR Description
	Y	Yes
	N	No

END

THANK YOU VERY MUCH!