Immunisation Record

- Immunisation record number
- Vaccine administration
  - Vaccine
    - Vaccine - recognised terminology
      - Vaccine - recognised terminology name
      - Vaccine identifier - recognised terminology
      - Vaccine description - recognised terminology
    - Vaccine - local terminology
      - Vaccine local code
      - Vaccine local description
  - Administration details
    - Historical immunisation
    - Vaccine administration date
    - Vaccine dose sequence
    - Batch number
    - Route of administration
      - Route of administration code
      - Route of administration description
      - Route of administration local description
    - Site of administration
      - Site of administration code
      - Site of administration description
      - Site of administration local description
    - Vaccination provider
      - Vaccination provider code
      - Vaccination provider description
      - Vaccination provider local description
    - Vaccine administration premises
    - Vaccine administration remark
- Immunisation record report
  - Immunisation record report title
  - Immunisation record report (text)
  - Immunisation record report (PDF)
  - Immunisation record report date
- Immunisation record remark

Legend

Symbol	Meaning
✓	Mandatory for all Levels
①	Mandatory for Level 1
②	Mandatory for Level 2
③	Mandatory for Level 3
📝	Conditional mandatory
⚲	Repeated data
⚿	Encrypted eHR storage
📋	Code table
⭐	Recognised terminology

Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Remark	Data Type in IAMS	Data requirement (Certified Level 1)	Data requirement (Certified Level 2)	Data requirement (Certified Level 3)	Example (Certified Level 1)	Example (Certified Level 2)	Example (Certified Level 3)
Immunisation	Immunisation record number	1001804	A unique identifier for each vaccine administration record defined by individual healthcare institution	ST	String					ST	O	O	O	5805 0000 XXXX	5805 0000 XXXX	5805 0000 XXXX
Immunisation	Vaccine - recognised terminology name	1004035	Name of the recognised terminology / classification set for pharmaceutical product (vaccine)	CE	Coded Element	If eHR value = 1)HKCTT, nature must be Pharmaceutical Products with Vaccine flag = yes; 2) RPP, values will be checked against with the HKCTT with nature must be Pharmaceutical Product with Vaccine flag = yes.	y	Recognised terminology name - pharmaceutical product (vaccine)		S	N/A	N/A	M	N/A	N/A	RPP
Immunisation	Vaccine identifier - recognised terminology	1001809	Unique identifier of individual vaccine in the recognised terminology for pharmaceutical product (vaccine)	CE	Coded Element	[Vaccine identifier - recognised terminology] should be included in the selected terminology of the 'Vaccine - recognised terminology name' code table	y			DE	N/A	N/A	M	N/A	N/A	01891
Immunisation	Vaccine description - recognised terminology	1001810	Description of individual vaccine in the recognised terminology for pharmaceutical product (vaccine). It should be the corresponding description of the selected [Vaccine identifier - recognised terminology].	CE	Coded Element	It should be matched with the corresponding description of the selected [Vaccine identifier - recognised terminology]; If [Vaccine - recognised terminology name] = HKCTT, [Vaccine description - recognised terminology] should be provided	y			DE	N/A	N/A	M	N/A	N/A	MMR II
Immunisation	Vaccine local code	1001806	Local code issued to the vaccine as defined by individual healthcare institution	ST	String		y			ST	N/A	O	O	N/A	MMR	MMR II
Immunisation	Vaccine local description	1001807	Local description of the vaccine as defined by individual healthcare institution	ST	String		y			ST	N/A	M	M	N/A	MMR	MMR II
Immunisation	Historical immunisation	1004028	Indicator on whether the immunisation data is a historical information. All historical immunisation data should be based on the immunisation record documented by previous healthcare providers who gave the vaccine to the patient.	CE	Coded Element		y	Yes No Unspecified		~~CE~~ S	N/A	M	M	N/A	No	Unspecified

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Immunisation	Vaccine administration date	1001805	The date on which the vaccine was given	TS	Time Stamp		y			TS	N/A	M	M	N/A	11/01/09	11/01/09
Immunisation	Vaccine dose sequence	1001812	Immunisation dose in series, booster	ST	String		y			ST	N/A	O	O	N/A	1st dose	2nd dose

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Immunisation	Batch number	1001811	Batch number for drug product as assigned by the drug manufacturer	ST	String		y			ST	N/A	O	O	N/A	09-33344-XX098	09-33355-XX099
Immunisation	Route of administration code	1004029	[eHR value] of the "Route of drug administration" code table which is used to identify the path by which a drug / substance was taken into the body.	CE	Coded Element		y	Route of drug administration		S	N/A	N/A	N/A or M if [Route of administration description] is given	N/A	N/A	IM
Immunisation	Route of administration description	1003422	[eHR description] of the "Route of drug administration" code table which is used to identify the path by which a drug / substance was taken into the body. [Route of administration description] should be the corresponding description of the selected [Route of administration code]	ST	String		y			ST	N/A	N/A	N/A or M if [Route of administration code] is given	N/A	N/A	Intramuscular
Immunisation	Route of administration local description	1003423	Description of the path by which a drug / substance was taken into the body, defined by individual healthcare institution	ST	String		y			ST	N/A	O	O or M if [Route of administration code] is given	N/A	IM	Intramuscular
Immunisation	Site of administration code	1004030	[eHR value] of "Site of Drug Administration" code table which is used to identify the body site where the drug / substance was given.	CE	Coded Element		y	Site of drug administration		S	N/A	N/A	N/A or M if [Site of administration description] is given	N/A	N/A	LT
Immunisation	Site of administration description	1003424	[eHR description] of "Site of Drug Administration" code table which is used to identify the body site where the drug / substance was given. The [Site of administration description] should be corresponding description of the selected [Site of administration code].	ST	String		y			ST	N/A	N/A	N/A or M if [Site of administration code] is given	N/A	N/A	Left Thigh

Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Remark	Data Type in IAMS	Data requirement (Certified Level 1)	Data requirement (Certified Level 2)	Data requirement (Certified Level 3)	Example (Certified Level 1)	Example (Certified Level 2)	Example (Certified Level 3)
Immunisation	Site of administration local description	1003425	Local description of the body site where the drug / substance was given, defined by individual healthcare institution	ST	String		y			ST	N/A	O	O or M if [Site of administration code] is given	N/A	L Thigh	Lt Thigh
Immunisation	Vaccination provider code	1003875	[eHR value] of the "Vaccination Provider" code table which is used to identify the healthcare provider who administered the vaccine.	CE	Coded Element		y	Vaccination provider	Display rule: if ([Historical immunisation] = no, eHR will display the Attending HCP available from system interface)	S	N/A	N/A	M	N/A	N/A	DH
Immunisation	Vaccination provider description	1003426	[eHR description] of the "Vaccination Provider" code table which is used to identify the healthcare provider who administered the vaccine. The [Vaccination provider description] should be the corresponding description of the selected [Vaccination provider code]	ST	String		y		Display rule: if ([Historical immunisation] = no, eHR will display the Attending HCP available from system interface)	ST	N/A	N/A	M	N/A	N/A	Department of Health

Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	Remark	Data Type in IAMS	Data requirement (Certified Level 1)	Data requirement (Certified Level 2)	Data requirement (Certified Level 3)	Example (Certified Level 1)	Example (Certified Level 2)	Example (Certified Level 3)
Immunisation	Vaccination provider local description	1003427	Local description of the healthcare provider who administered the vaccine, defined by individual healthcare institution	ST	String		y		Display rule: if ([Historical immunisation] = no, eHR will display the Attending HCP available from system interface)	ST	N/A	M	M	N/A	Orange Healthcare	Dept of Health
Immunisation	Vaccine administration premises	1001815	Name of the premises where the vaccine was administered	ST	String		y			ST	N/A	O	O	N/A	Nil	Nil
Immunisation	Vaccine administration remark	1003428	The additional information about the vaccine administration	TX	Text		y			TX	N/A	O	O	N/A	Nil	Nil
Immunisation	Immunisation record report title	1003429	The title of immunisation report	ST	String					ST	O	O	O	Immunisation record	Immunisation record	Immunisation record
Immunisation	Immunisation record report (text)	1003430	Report of the immunisation record in text format	TX	Text					TX	O or M if [Immunisation record report (PDF)] is blank	O	O	immunisation vaccine given on dd/mm/yyyy	immunisation vaccine given on dd/mm/yyyy	immunisation vaccine given on dd/mm/yyyy
Immunisation	Immunisation record report (PDF)	1001818	Report of the immunisation record in Portable Document Format (PDF)	ED	Encapsulated data					ED	O or M if [Immunisation record report (text)] is blank	O	O			
Immunisation	Immunisation record report date	1003431	The date when the immunisation record is documented, which is also considered as the date when the vaccine was given	TS	Time Stamp				Display rule: Certified Level 1: display [Immunisation record report date] Certified Level 2 / 3: display [Vaccine administration date] if [Immunisation record report (text)] or [Immunisation record report (PDF)] is given	TS	M	N/A	N/A	dd/mm/yyyy	dd/mm/yyyy	dd/mm/yyyy
Immunisation	Immunisation record remark	1003432	The additional information about the immunisation record	TX	Text					TX	O	O	O	next injection date is dd/mm/yyyy	next injection date is dd/mm/yyyy	next injection date is dd/mm/yyyy

Route of drug administration

Purpose : To identify the route of drug administration on the patient

Reference : DH document on HL7 code values for route_site of immunisation; HL7 v2.5 Table 162

Term ID	eHR Value	eHR Description
9050205	ID	Intradermal
9050206	IM	Intramuscular
9050207	IN	Intranasal
9050208	IV	Intravenous
9050314	PO	Oral
9050325	OTH	Other/Miscellaneous
9050425	SCH	Subcutaneous
9050445	TD	Transdermal

Site of drug administration

Purpose : To identify the site of drug administration on the patient

Reference: DH document on HL7 code values for route_site of immunisation; HL7 v2.5 Table 163

Term ID	eHR Value	eHR Description
9050235	LT	Left thigh
9050231	LA	Left arm
9050232	LD	Left deltoid
9050233	LG	Left gluteus medius
9050236	LVL	Left vastus lateralis
9050234	LLFA	Left lower forearm
9050382	RA	Right arm
9050386	RT	Right thigh
9050387	RVL	Right vastus lateralis
9050384	RG	Right gluteus medius
9050383	RD	Right deltoid
9050385	RLFA	Right lower forearm

Vaccination provider

Purpose : To identify the healthcare provider who administers the vaccine

Reference: HA

Term ID	eHR Value	eHR Description	eHR Description (in Chinese)
9050169	HA	HA hospital / clinic	醫院管理局醫院 / 診所
9050104	DH	DH clinic	衞生署診所
9050358	Private	Private hospital /clinic	私家醫院 / 診所
9050324	Other	Other vaccination provider	其他疫苗接種提供者

Recognised Terminology Name - Pharmaceutical Product (Vaccine)

Purpose: to define the names of the recognised terminology for pharmaceutical product (vaccine)

Term ID	eHR Value	eHR Description	Allowable Values
9050183	HKCTT	Hong Kong Clinical Terminology Table	Nature = Pharmaceutical Product with Vaccine flag = yes
9050372	RPP	List of Registered Pharmaceutical Products	Values will be checked against with the HKCTT with Nature = Pharmaceutical Product and Vaccine flag = yes

Yes No Unspecified

Reference : HL7

Term ID	eHR Value	eHR Description
9050298	N	No
9050485	Y	Yes
9050469	U	Unspecified