Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	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				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 products (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 Products with Vaccine flag = yes.	y	Recognised terminology name - pharmaceutical products (vaccine)	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 products (vaccine)	CE	Coded Element	[Vaccine identifier - recognised terminology] should be included in the selected terminology of the 'Vaccine - recognised terminology name' code table	y		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 products (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		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		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		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	N/A	M	M	N/A	No	Unspecified
Immunisation	Vaccine administration date	1001805	The date on which the vaccine was given	TS	Time Stamp		y		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		N/A	O	O	N/A	1st dose	2nd dose

Form	Entity Name	Entity ID	Definition	Data Type (code)	Data Type (description)	Validation Rule	Repeated Data	Code Table	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	Batch number	1001811	Batch number for drug product as assigned by the drug manufacturer	ST	String		y		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	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		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		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	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		N/A	N/A	N/A or M if [Site of administration code] is given	N/A	N/A	Left Thigh
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		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 "Vaccine Provider" code table which is used to identify the healthcare provider who administered the vaccine.	CE	Coded Element		y	Vaccine provider	N/A	N/A	M	N/A	N/A	DH
Immunisation	Vaccination provider description	1003426	[eHR description] of the "Vaccine 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		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	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		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		N/A	O	O	N/A	Nil	Nil
Immunisation	Vaccine administration remark	1003428	The additional information about the vaccine administration	TX	Text		y		N/A	O	O	N/A	Nil	Nil
Immunisation	Immunisation record report title	1003429	The title of immunisation report	ST	String				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				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				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				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				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
	ID	Intradermal
	IM	Intramuscular
	IN	Intranasal
	IV	Intravenous
	PO	Oral
	OTH	Other/Miscellaneous
	SCH	Subcutaneous
	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
	LT	Left thigh
	LA	Left arm
	LD	Left deltoid
	LG	Left gluteous medius
	LVL	Left vastus lateralis
	LLFA	Left lower forearm
	RA	Right arm
	RT	Right thigh
	RVL	Right vastus lateralis
	RG	Right gluteus medius
	RD	Right deltoid
	RLFA	Right lower forearm

Vaccine provider

Purpose : To identify the healthcare provider who administers the vaccine

Reference: HA

Term ID	eHR Value	eHR Description
	HA	HA hospital / clinic
	DH	DH clinic
	Private	Private hospital /clinic
	Other	Other vaccine provider

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
	HKCTT	Hong Kong Clinical Terminology Table	Nature = Pharmaceutical Products with Vaccine flag = yes
	RPP	Registered Pharmaceutical Products	Values will be checked against with the HKCTT with Nature = Pharmaceutical Products and Vaccine flag = yes
	~~CPP~~	~~Compedium of Pharmaceutical Products~~	~~All values~~
	~~SNOMED CT~~	~~Systematized Nomenclature of Medicine - Clinical Terms~~	~~Hierarchy = Pharmaceutical / biologic product~~

Yes No Unspecified

Reference : HL7

Term ID	eHR Value	eHR Description
	N	No
	Y	Yes
	U	Unspecified