			Vaccine Live (Oka-Merck) strain 20000 UNT/ML Injection [ProQuad]
1292459	RxNorm	urn:oid:2.16.840.1.113883.6.88	0.5 ML Varicella-Zoster Virus Vaccine Live (Oka-Merck) strain 2700 UNT/ML Injection [Varivax]
1292828	RxNorm	urn:oid:2.16.840.1.113883.6.88	Yellow-Fever Virus Vaccine, 17D-204 strain 4000 UNT/ML Injectable Suspension [YF-Vax]
1298819	RxNorm	urn:oid:2.16.840.1.113883.6.88	influenza A-California-7-2009-(H1N1)v-like virus vaccine 158000000 UNT/ML Nasal Spray
...			

Figure 162: Immunization Medication Information (V2) Example

```
<manufacturedProduct classCode="MANU">
    <!-- ** Immunization medication information ** -->
    <templateId root="2.16.840.1.113883.10.20.22.4.54" extension="2014-06-09" />
    <manufacturedMaterial>
        <code code="33" codeSystem="2.16.840.1.113883.12.292" displayName="Pneumococcal
polysaccharide vaccine" codeSystemName="CVX">
            <translation code="854981" displayName="Pneumovax 23 (Pneumococcal vaccine
polyvalent) Injectable Solution" codeSystemName="RxNORM"
codeSystem="2.16.840.1.113883.6.88" />
        </code>
        <lotNumberText>1</lotNumberText>
    </manufacturedMaterial>
    <manufacturerOrganization>
        <name>Health LS – Immuno Inc.</name>
    </manufacturerOrganization>
</manufacturedProduct>
```

3.43 Immunization Refusal Reason

[observation: identifier urn:oid:2.16.840.1.113883.10.20.22.4.53 (open)]

Table 323: Immunization Refusal Reason Contexts

Contained By:	Contains:
Immunization Activity (V3) (optional)	

The Immunization Refusal Reason documents the rationale for the patient declining an immunization.

Table 324: Immunization Refusal Reason Constraints Overview

XPath	Card.	Verb	Data Type	CONF#	Value
observation (identifier: urn:oid:2.16.840.1.113883.10.20.22.4.53)					
@classCode	1..1	SHALL		81-8991	urn:oid:2.16.840.1.113883.5.6 (HL7ActClass) = OBS
@moodCode	1..1	SHALL		81-8992	urn:oid:2.16.840.1.113883.5.1001 (HL7ActMood) = EVN
templateId	1..1	SHALL		81-8993	
@root	1..1	SHALL		81-10500	2.16.840.1.113883.10.20.22.4.53
id	1..*	SHALL		81-8994	
code	1..1	SHALL		81-8995	urn:oid:2.16.840.1.113883.1.11.19717 (No Immunization Reason)
statusCode	1..1	SHALL		81-8996	
@code	1..1	SHALL		81-19104	urn:oid:2.16.840.1.113883.5.14 (HL7ActStatus) = completed

1. **SHALL** contain exactly one [1..1] **@classCode**="OBS" Observation (CodeSystem: HL7ActClass urn:oid:2.16.840.1.113883.5.6 **STATIC**) (CONF:81-8991).
2. **SHALL** contain exactly one [1..1] **@moodCode**="EVN" Event (CodeSystem: HL7ActMood urn:oid:2.16.840.1.113883.5.1001 **STATIC**) (CONF:81-8992).
3. **SHALL** contain exactly one [1..1] **templateId** (CONF:81-8993) such that it
   a. **SHALL** contain exactly one [1..1] **@root**="2.16.840.1.113883.10.20.22.4.53" (CONF:81-10500).
4. **SHALL** contain at least one [1..*] **id** (CONF:81-8994).
5. **SHALL** contain exactly one [1..1] **code**, which **SHALL** be selected from ValueSet **No Immunization Reason** urn:oid:2.16.840.1.113883.1.11.19717 **DYNAMIC** (CONF:81-8995).
6. **SHALL** contain exactly one [1..1] **statusCode** (CONF:81-8996).
   a. This statusCode **SHALL** contain exactly one [1..1] **@code**="completed" Completed (CodeSystem: HL7ActStatus urn:oid:2.16.840.1.113883.5.14 **STATIC**) (CONF:81-19104).

Table 325: No Immunization Reason

Value Set: No Immunization Reason urn:oid:2.16.840.1.113883.1.11.19717

(Clinical Focus: Rationale for not administering indicated immunization),(Data Element Scope:),(Inclusion Criteria: All descendant codes from ActNoImmunizationReason in code system ActReason),(Exclusion Criteria:)

This value set was imported on 6/25/2019 with a version of 20190425.
Value Set Source:
https://vsac.nlm.nih.gov/valueset/2.16.840.1.113883.1.11.19717/expansion

Code	Code System	Code System OID	Print Name
IMMUNE	HL7ActReason	urn:oid:2.16.840.1.113883.5.8	immunity
MEDPREC	HL7ActReason	urn:oid:2.16.840.1.113883.5.8	medical precaution
OSTOCK	HL7ActReason	urn:oid:2.16.840.1.113883.5.8	product out of stock
PATOBJ	HL7ActReason	urn:oid:2.16.840.1.113883.5.8	patient objection
PHILISOP	HL7ActReason	urn:oid:2.16.840.1.113883.5.8	philosophical objection
RELIG	HL7ActReason	urn:oid:2.16.840.1.113883.5.8	religious objection
VACEFF	HL7ActReason	urn:oid:2.16.840.1.113883.5.8	vaccine efficacy concerns
VACSAF	HL7ActReason	urn:oid:2.16.840.1.113883.5.8	vaccine safety concerns

Figure 163: Immunization Refusal Reason Example

```
<observation classCode="OBS" moodCode="EVN">
<templateId root="2.16.840.1.113883.10.20.22.4.53"/>
<id root="2a620155-9d11-439e-92b3-5d9815ff4dd8"/>
<code displayName="Patient Objection" code="PATOBJ"
  codeSystemName="HL7 ActNoImmunizationReason" codeSystem="2.16.840.1.113883.5.8"/>
<statusCode code="completed"/>
</observation>
```

3.44 Indication (V2)

```
[observation: identifier urn:hl7ii:2.16.840.1.113883.10.20.22.4.19:2014-06-09
(open)]
```

Table 326: Indication (V2) Contexts

Contained By:	Contains:
Medication Activity (V2) (optional)	
Procedure Activity Act (V2) (optional)	
Procedure Activity Procedure (V2) (optional)	
Procedure Activity Observation (V2) (optional)	
Planned Act (V2) (optional)	
Planned Encounter (V2) (optional)	
Planned Procedure (V2) (optional)	
Planned Observation (V2) (optional)	
Planned Supply (V2) (optional)	
Planned Medication Activity (V2) (optional)	
Procedure Indications Section (V2) (optional)	
Patient Referral Act (optional)	
Planned Immunization Activity (optional)	
Immunization Activity (V3) (optional)	
Encounter Activity (V3) (optional)	

This template represents the rationale for an action such as an encounter, a medication administration, or a procedure. The id element can be used to reference a problem recorded elsewhere in the document, or can be used with a code and value to record the problem. Indications for treatment are not laboratory results; rather the problem associated with the laboratory result should be cited (e.g., hypokalemia instead of a laboratory result of Potassium 2.0 mEq/L). Use the Drug Monitoring Act [templateId 2.16.840.1.113883.10.20.22.4.123] to indicate if a particular drug needs special monitoring (e.g., anticoagulant therapy). Use Precondition for Substance Administration (V2) [templateId 2.16.840.1.113883.10.20.22.4.25.2] to represent that a medication is to be administered only when the associated criteria are met.