

Appendix D – Handover Data Transmission Xml Schema

VACIS-ED XSD Code Tables

Gender

at0001	Male
at0002	Female
at0003	Not known/specified
at0004	Indeterminate

Injury Pattern

at0.0.21	Penetrating
at0.0.22	Blunt
at0.0.23	Burn

Injury Description

at0.0.24	Amputation
at0.0.25	Crush
at0.0.26	Spinal
at0.0.27	Tension Pneumothorax
at0.0.28	Rigid Abdo
at0.0.29	Fractures of 2 or more long bones
at0.0.30	Fractured pelvis
at0.0.31	Burns
at0.0.32	Burns - Face

Tension Pneumothorax - Laterality

at0.0.53	Right
at0.0.54	Left
at0.0.55	Bilateral

Body Location VACIS

at0.1	Head
at0.2	Neck
at0.3	Chest
at0.4	Abdo
at0.5	Pelvis
at0.6	Axilla
at0.7	Groin
at0.8	Limbs

Mechanism Details

at0.0.33	MCA >60kph
at0.0.34	Rollover
at0.0.35	Ejected
at0.0.36	Death other occupant
at0.0.37	Pedestrian
at0.0.38	Motorcyclist
at0.0.39	Cyclist
at0.0.40	Fall >3m
at0.0.41	Burns
at0.0.42	Explosion
at0.0.43	Trapped
at0.0.44	Driver
at0.0.45	Passenger

Driver or Passenger

at0.0.57	Driver
at0.0.58	Passenger
at0.0.59	Other

Pulse - Location of Measurement

at0.3	Radial artery
at0.4	Apex of heart
at0.5	Carotid artery
at0.6	Femoral artery
at0.15	Ulnar artery
at0.17	Brachial artery
at0.19	Popliteal
at0.20	Dorsalis Pedis
at0.21	Tibialis Posterior
at0.22	temporal

Pupils - Laterality

at0001	Right
at0002	Left
at0003	Bilateral

Pupils - Speed of pupillary response (reactivity)

at0016	Normal
at0017	Brisk
at0018	Sluggish
at0019	Fixed

Chest Decompression - Laterality

at0001	Right
at0002	Left
at0003	Bilateral

Skin

at0.107	Normal
at0.108	Cyanotic
at0.109	Pale
at0.110	Clammy
at0.111	Flushed
at0.112	Other

VACIS-ED XSD

```

<xs:schema xmlns:oe="http://schemas.openehr.org/v1"
xmlns="http://schemas.oceanehr.com/templates"
elementFormDefault="qualified"
targetNamespace="http://schemas.oceanehr.com/templates"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:import schemaLocation="Structure.xsd"
namespace="http://schemas.openehr.org/v1"
xmlns:xs="http://www.w3.org/2001/XMLSchema" />
  <xs:element name="VACIS_-_TRR"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="name">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="value" type="xs:string" fixed="VACIS -
TRR" />
              <xs:element name="defining_code" type="oe:CODE_PHRASE"
minOccurs="0" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>

```

```

    <xs:element name="uid" type="oe:UID_BASED_ID" minOccurs="0"
maxOccurs="1" />
    <xs:element name="language">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="terminology_id">
            <xs:complexType>
              <xs:sequence>
                <xs:element name="value" fixed="ISO_639-1"
type="xs:token" />
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element name="code_string" fixed="en" type="xs:string"
/>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="territory">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="terminology_id">
            <xs:complexType>
              <xs:sequence>
                <xs:element name="value" fixed="ISO_3166-1"
type="xs:token" />
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element name="code_string" type="xs:string" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="category">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="value" type="xs:string" fixed="event" />
          <xs:element name="defining_code">
            <xs:complexType>
              <xs:sequence>
                <xs:element name="terminology_id">
                  <xs:complexType>
                    <xs:sequence>
                      <xs:element name="value" fixed="openehr"
type="xs:token" />
                    </xs:sequence>
                  </xs:complexType>
                </xs:element>
                <xs:element name="code_string" fixed="433"
type="xs:string" />
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="composer" type="oe:PARTY_PROXY" />
    <xs:element name="VACIS_Emergency_Assessment" minOccurs="0"
maxOccurs="unbounded">
      <xs:complexType>
        <xs:sequence>

```

```

        <xs:element name="name">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="value" type="xs:string"
default="VACIS Emergency Assessment" />
              <xs:element name="defining_code" type="oe:CODE_PHRASE"
minOccurs="0" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>
        <xs:element name="VACIS_Emergency_Assessment_Details"
minOccurs="0" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="name">
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="value" type="xs:string"
default="VACIS Emergency Assessment Details" />
                    <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
                  </xs:sequence>
                </xs:complexType>
              </xs:element>
              <xs:element name="uid" type="oe:UID_BASED_ID"
minOccurs="0" maxOccurs="1" />
              <xs:element name="language">
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="terminology_id">
                      <xs:complexType>
                        <xs:sequence>
                          <xs:element name="value" fixed="ISO_639-1"
type="xs:token" />
                        </xs:sequence>
                      </xs:complexType>
                    </xs:element>
                    <xs:element name="code_string" default="en"
type="xs:string" />
                  </xs:sequence>
                </xs:complexType>
              </xs:element>
              <xs:element name="encoding">
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="terminology_id">
                      <xs:complexType>
                        <xs:sequence>
                          <xs:element name="value" fixed="IANA"
type="xs:token" />
                        </xs:sequence>
                      </xs:complexType>
                    </xs:element>
                    <xs:element name="code_string" default="utf-8"
type="xs:string" />
                  </xs:sequence>
                </xs:complexType>
              </xs:element>
              <xs:element name="subject" type="oe:PARTY_SELF" />
              <xs:element name="provider" type="oe:PARTY_IDENTIFIED"
minOccurs="0" maxOccurs="1" />
            </xs:sequence>
          </xs:complexType>
        </xs:element>

```

```

        <xs:element name="other_participations"
type="oe:PARTICIPATION" minOccurs="0" maxOccurs="unbounded" />
        <xs:element name="data">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="Hospital" minOccurs="0"
maxOccurs="1">
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="name">
                      <xs:complexType>
                        <xs:sequence>
                          <xs:element name="value"
type="xs:string" default="Hospital" />
                          <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
                        </xs:sequence>
                      </xs:complexType>
                    </xs:element>
                    <xs:element name="value" minOccurs="0"
type="oe:DV_TEXT" />
                    <xs:element name="null_flavour"
type="oe:DV_CODED_TEXT" minOccurs="0" />
                    </xs:sequence>
                    <xs:attribute fixed="at0002"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
                    <xs:attribute fixed="ELEMENT" name="type"
use="required" />
                    <xs:attribute name="valueType"
use="required" fixed="DV_TEXT" />
                  </xs:complexType>
                </xs:element>
              <xs:element name="Estimated_time_of_arrival"
minOccurs="0" maxOccurs="1">
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="name">
                      <xs:complexType>
                        <xs:sequence>
                          <xs:element name="value"
type="xs:string" default="Estimated time of arrival" />
                          <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
                        </xs:sequence>
                      </xs:complexType>
                    </xs:element>
                    <xs:element
name="Estimated_time_of_arrival" minOccurs="0" maxOccurs="unbounded">
                      <xs:complexType>
                        <xs:sequence>
                          <xs:element name="name">
                            <xs:complexType>
                              <xs:sequence>
                                <xs:element name="value"
type="xs:string" default="Estimated time of arrival" />
                                <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                              </xs:sequence>
                            </xs:complexType>
                          </xs:element>
                        </xs:sequence>
                      </xs:complexType>
                    </xs:element>
                  </xs:sequence>
                </xs:complexType>
              </xs:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>

```

```

minOccurs="0">
    <xs:element name="value"
        <xs:complexType>
            <xs:sequence>
                <xs:element name="value"
                    type="oe:Iso8601DateTime" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="null_flavour"
        type="oe:DV_CODED_TEXT" minOccurs="0" />
    <xs:sequence>
        <xs:attribute fixed="openEHR-EHR-
ELEMENT.estimated_time_of_arrival.v1" name="archetype_node_id"
        type="oe:archetypeNodeId" use="required" />
        <xs:attribute fixed="ELEMENT"
        name="type" use="required" />
        <xs:attribute name="valueType"
        use="required" fixed="DV_DATE_TIME" />
    </xs:sequence>
    </xs:complexType>
    </xs:element>
    <xs:element name="Patient_Details" minOccurs="0"
        maxOccurs="1">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="name">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="value"
                                type="xs:string" default="Patient Details" />
                            <xs:element name="defining_code"
                                type="oe:CODE_PHRASE" minOccurs="0" />
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="Age_of_patient"
                    minOccurs="0" maxOccurs="unbounded">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="name">
                                <xs:complexType>
                                    <xs:sequence>
                                        <xs:element name="value"
                                            type="xs:string" default="Age of patient" />
                                    </xs:sequence>
                                </xs:complexType>
                            </xs:element>
                            <xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
            </xs:choice>
            <xs:element name="a_value"
                minOccurs="0">
                <xs:complexType>
                    <xs:sequence>

```

```

name="magnitude">
base="xs:double">
value="(\\+|\\-)?(0|[1-9][0-9]*)?" />
value="0" />
name="precision">
base="xs:int">
value="0" />
value="0" />
type="xs:string" fixed="a" />
minOccurs="0">
name="magnitude">
base="xs:double">
value="(\\+|\\-)?(0|[1-9][0-9]*)?" />
value="0" />
name="precision">
base="xs:int">
value="0" />
value="0" />
type="xs:string" fixed="mo" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="mo_value"
<xs:complexType>
<xs:sequence>
<xs:element
<xs:simpleType>
<xs:restriction
<xs:pattern
<xs:minInclusive
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="units"
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="mo_value"
<xs:complexType>
<xs:sequence>
<xs:element
<xs:simpleType>
<xs:restriction
<xs:pattern
<xs:minInclusive
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="units"
</xs:sequence>
</xs:complexType>

```

```

</xs:element>
<xs:element name="wk_value"
  minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element
        name="magnitude">
          <xs:simpleType>
            <xs:restriction
              base="xs:double">
                <xs:pattern
                  value="(\+|\-)?(0|[1-9][0-9]*)?" />
                <xs:minInclusive
                  value="0" />
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        <xs:element
          name="precision">
            <xs:simpleType>
              <xs:restriction
                base="xs:int">
                  <xs:minInclusive
                    value="0" />
                  <xs:maxInclusive
                    value="0" />
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          <xs:element name="units"
            type="xs:string" fixed="wk" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  <xs:element name="d_value"
    minOccurs="0">
    <xs:complexType>
      <xs:sequence>
        <xs:element
          name="magnitude">
            <xs:simpleType>
              <xs:restriction
                base="xs:double">
                  <xs:pattern
                    value="(\+|\-)?(0|[1-9][0-9]*)?" />
                  <xs:minInclusive
                    value="0" />
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          <xs:element
            name="precision">
              <xs:simpleType>
                <xs:restriction
                  base="xs:int">
                    <xs:minInclusive
                      value="0" />
                    <xs:maxInclusive
                      value="0" />
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:element>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

```

        </xs:element>
        <xs:element name="units"
type="xs:string" fixed="d" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="h_value"
minOccurs="0">
    <xs:complexType>
        <xs:sequence>
            <xs:element
name="magnitude">
                <xs:simpleType>
                    <xs:restriction
base="xs:double">
                        <xs:pattern
value="(\+|\-)?(0|[1-9][0-9]*)?" />
                            <xs:minInclusive
value="0" />
                                </xs:restriction>
                            </xs:simpleType>
                        </xs:element>
                    <xs:element
name="precision">
                            <xs:simpleType>
                                <xs:restriction
base="xs:int">
                                    <xs:minInclusive
value="0" />
                                        <xs:maxInclusive
value="0" />
                                            </xs:restriction>
                                        </xs:simpleType>
                                    </xs:element>
                                <xs:element name="units"
type="xs:string" fixed="h" />
                                    </xs:sequence>
                                </xs:complexType>
                            </xs:element>
                        </xs:choice>
                    <xs:element name="null_flavour"
type="oe:DV_CODED_TEXT" minOccurs="0" />
                        </xs:sequence>
                    <xs:attribute fixed="openEHR-EHR-
ELEMENT.age_of_patient.v1" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
                        <xs:attribute fixed="ELEMENT"
name="type" use="required" />
                            <xs:attribute name="valueType"
use="required" fixed="DV_QUANTITY" />
                                </xs:complexType>
                            </xs:element>
                        <xs:element name="Gender" minOccurs="0"
maxOccurs="unbounded">
                                <xs:complexType>
                                    <xs:sequence>
                                        <xs:element name="name">
                                            <xs:complexType>
                                                <xs:sequence>
                                                    <xs:element name="value"
type="xs:string" default="Gender" />

```

```

        <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="value"
minOccurs="0">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="value"
type="xs:string" />
        </xs:sequence>
    </xs:complexType>
    </xs:element>
name="defining_code">
    <xs:complexType>
        <xs:sequence>
            <xs:element
name="terminology_id">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element
name="value" fixed="local" type="xs:token" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element
name="code_string" type="xs:string" />
        </xs:sequence>
    </xs:complexType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="null_flavour"
type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>
<xs:attribute fixed="openEHR-EHR-
ELEMENT.gender.v1" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
<xs:attribute fixed="ELEMENT"
name="type" use="required" />
<xs:attribute name="valueType"
use="required" fixed="DV_TEXT" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="at0003"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="CLUSTER" name="type"
use="required" />
</xs:complexType>
</xs:element>
<xs:element name="Date" minOccurs="0"
maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="name">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="value"
type="xs:string" default="Date" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>

```

```

        <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
    <xs:element name="value" minOccurs="0">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="value"
type="oe:Iso8601DateTime" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="null_flavour"
type="oe:DV_CODED_TEXT" minOccurs="0" />
    </xs:sequence>
    <xs:attribute fixed="at0012"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
    <xs:attribute fixed="ELEMENT" name="type"
use="required" />
    <xs:attribute name="valueType"
use="required" fixed="DV_DATE_TIME" />
</xs:complexType>
</xs:element>
    <xs:element name="Time_of_injury" minOccurs="0"
maxOccurs="1">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="name">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="value"
type="xs:string" default="Time of injury" />
                            <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="value" minOccurs="0">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="value"
type="oe:Iso8601DateTime" />
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="null_flavour"
type="oe:DV_CODED_TEXT" minOccurs="0" />
            </xs:sequence>
            <xs:attribute fixed="at0013"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
            <xs:attribute fixed="ELEMENT" name="type"
use="required" />
            <xs:attribute name="valueType"
use="required" fixed="DV_DATE_TIME" />
        </xs:complexType>
    </xs:element>
    </xs:sequence>
    <xs:attribute fixed="at0001"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />

```

```

        <xs:attribute fixed="ITEM_TREE" name="type"
use="required" />
    </xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="openEHR-EHR-
ADMIN_ENTRY.emergency_assessment_details.v1" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="ADMIN_ENTRY" name="type"
use="required" />
</xs:complexType>
</xs:element>
<xs:element name="Injury_Details" minOccurs="0"
maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="name">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="value" type="xs:string"
default="Injury Details" />
                        <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="Story_or_history" minOccurs="0"
maxOccurs="unbounded">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="name">
                            <xs:complexType>
                                <xs:sequence>
                                    <xs:element name="value" type="xs:string"
default="Story or history" />
                                    <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
                                </xs:sequence>
                            </xs:complexType>
                        </xs:element>
                        <xs:element name="uid" type="oe:UID_BASED_ID"
minOccurs="0" maxOccurs="1" />
                        <xs:element name="language">
                            <xs:complexType>
                                <xs:sequence>
                                    <xs:element name="terminology_id">
                                        <xs:complexType>
                                            <xs:sequence>
                                                <xs:element name="value"
fixed="ISO_639-1" type="xs:token" />
                                            </xs:sequence>
                                        </xs:complexType>
                                    </xs:element>
                                    <xs:element name="code_string"
default="en" type="xs:string" />
                                </xs:sequence>
                            </xs:complexType>
                        </xs:element>
                        <xs:element name="encoding">
                            <xs:complexType>
                                <xs:sequence>

```

```

        <xs:element name="terminology_id">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="value"
fixed="IANA" type="xs:token" />
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="code_string"
default="utf-8" type="xs:string" />
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="subject" type="oe:PARTY_SELF"
/>
    <xs:element name="provider"
type="oe:PARTY_IDENTIFIED" minOccurs="0" maxOccurs="1" />
    <xs:element name="other_participations"
type="oe:PARTICIPATION" minOccurs="0" maxOccurs="unbounded" />
    <xs:element name="data">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="origin"
type="oe:DV_DATE_TIME" />
                <xs:element name="Any_event" minOccurs="0"
maxOccurs="unbounded">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="name">
                                <xs:complexType>
                                    <xs:sequence>
                                        <xs:element name="value"
type="xs:string" default="Any event" />
                                        <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                                    </xs:sequence>
                                </xs:complexType>
                            </xs:element>
                            <xs:element name="time"
type="oe:DV_DATE_TIME" />
                            <xs:element name="data">
                                <xs:complexType>
                                    <xs:sequence>
                                        <xs:element name="Details"
minOccurs="0" maxOccurs="unbounded">
                                            <xs:complexType>
                                                <xs:sequence>
                                                    <xs:element name="name">
                                                        <xs:complexType>
                                                            <xs:sequence>
                                                                <xs:element
name="value" type="xs:string" default="Details" />
                                                            </xs:sequence>
                                                        </xs:complexType>
                                                    </xs:element>
                                                    <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                                                </xs:sequence>
                                            </xs:complexType>
                                        </xs:element>
                                    </xs:sequence>
                                </xs:complexType>
                            </xs:element>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
name="Trauma_event_-_VACIS" minOccurs="0" maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>

```

```

name="name" >
    <xs:element
        <xs:complexType>
            <xs:sequence>
                <xs:element
                    name="value" type="xs:string" default="Trauma event - VACIS" />
                <xs:element
                    name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
</xs:element>
name="Trauma_details" minOccurs="0" maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element
                name="name" >
                <xs:complexType>
                <xs:sequence>
                <xs:element name="value" type="xs:string" default="Trauma details" />
                <xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element
            name="Injury_description" minOccurs="0" maxOccurs="unbounded">
            <xs:complexType>
            <xs:sequence>
            <xs:element name="name">
            <xs:complexType>
            <xs:sequence>
            <xs:element name="value" type="xs:string" default="Injury description" />
            <xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
            </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="value" minOccurs="0">
        <xs:complexType>
        <xs:sequence>

```

```
<xs:element name="value" type="xs:string" minOccurs="0" />
<xs:element name="defining_code">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="terminology_id">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="value" fixed="local" type="xs:token" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="code_string">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:enumeration value="at0.0.24" />
            <xs:enumeration value="at0.0.25" />
            <xs:enumeration value="at0.0.26" />
            <xs:enumeration value="at0.0.27" />
            <xs:enumeration value="at0.0.28" />
            <xs:enumeration value="at0.0.29" />
            <xs:enumeration value="at0.0.30" />
            <xs:enumeration value="at0.0.31" />
            <xs:enumeration value="at0.0.32" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
```

```

</xs:complexType>

</xs:element>

<xs:element name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />

</xs:sequence>

<xs:attribute fixed="at0009" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />

<xs:attribute fixed="ELEMENT" name="type" use="required" />

<xs:attribute name="valueType" use="required" fixed="DV_TEXT" />

</xs:complexType>

</xs:element>

<xs:element
name="Estimated_Burns" minOccurs="0" maxOccurs="1">

<xs:complexType>

<xs:sequence>

<xs:element name="name">

<xs:complexType>

<xs:sequence>

<xs:element name="value" type="xs:string" default="Estimated Burns" />

<xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name="value" minOccurs="0">

<xs:complexType>

<xs:sequence>

<xs:element name="magnitude">

<xs:simpleType>

<xs:restriction base="xs:int">

<xs:minInclusive value="0" />

<xs:maxInclusive value="100" />

</xs:restriction>

</xs:simpleType>

```

```

</xs:element>

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />

</xs:sequence>

<xs:attribute fixed="at0.0.46" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />

<xs:attribute fixed="ELEMENT" name="type" use="required" />

<xs:attribute name="valueType" use="required" fixed="DV_COUNT" />

</xs:complexType>

</xs:element>

<xs:element
name="Tension_Pneumothorax_Laterality" minOccurs="0" maxOccurs="1">
<xs:complexType>
<xs:sequence>
<xs:element name="name">
<xs:complexType>
<xs:sequence>
<xs:element name="value" type="xs:string" default="Tension Pneumothorax
Laterality" />
<xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="value" minOccurs="0">
<xs:complexType>
<xs:sequence>
<xs:element name="value" type="xs:string" minOccurs="0" />
<xs:element name="defining_code">
<xs:complexType>
<xs:sequence>

```

```

<xs:element name="terminology_id">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="value" fixed="local" type="xs:token" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

<xs:element name="code_string">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="at0.0.53" />
      <xs:enumeration value="at0.0.54" />
      <xs:enumeration value="at0.0.55" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

<xs:element name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>

<xs:attribute fixed="at0.0.52" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="ELEMENT" name="type" use="required" />
<xs:attribute name="valueType" use="required" fixed="DV_TEXT" />
</xs:complexType>
</xs:element>
<xs:element
name="Location_of_trauma" minOccurs="0" maxOccurs="unbounded">

```

```
<xs:complexType>
<xs:sequence>
<xs:element name="name">
<xs:complexType>
<xs:sequence>
<xs:element name="value" type="xs:string" default="Location of trauma" />
<xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Body_location_VACIS">
<xs:complexType>
<xs:sequence>
<xs:element name="name">
<xs:complexType>
<xs:sequence>
<xs:element name="value" type="xs:string" default="Body location VACIS" />
<xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="value" minOccurs="0">
<xs:complexType>
<xs:sequence>
<xs:element name="value" type="xs:string" />
<xs:element name="defining_code">
<xs:complexType>
<xs:sequence>
<xs:element name="terminology_id">
<xs:complexType>
```

```
<xs:sequence>
<xs:element name="value" fixed="local" type="xs:token" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="code_string" type="xs:string" />
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>
<xs:attribute fixed="openEHR-EHR-ELEMENT.body_location-VACIS.v1"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="ELEMENT" name="type" use="required" />
<xs:attribute name="valueType" use="required" fixed="DV_TEXT" />
</xs:complexType>
</xs:element>
<xs:element name="Injury_Pattern">
<xs:complexType>
<xs:sequence>
<xs:element name="name">
<xs:complexType>
<xs:sequence>
<xs:element name="value" type="xs:string" default="Injury Pattern" />
<xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
```

```
<xs:element name="value" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="value" type="xs:string" minOccurs="0" />
      <xs:element name="defining_code">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="terminology_id">
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="value" fixed="local" type="xs:token" />
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element name="code_string">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:enumeration value="at0.0.21" />
                  <xs:enumeration value="at0.0.22" />
                  <xs:enumeration value="at0.0.23" />
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
```

```

</xs:sequence>

<xs:attribute fixed="at0001" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />

<xs:attribute fixed="ELEMENT" name="type" use="required" />

<xs:attribute name="valueType" use="required" fixed="DV_TEXT" />

</xs:complexType>

</xs:element>

</xs:sequence>

<xs:attribute fixed="at0.20" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />

<xs:attribute fixed="CLUSTER" name="type" use="required" />

</xs:complexType>

</xs:element>

<xs:element
name="Mechanism_of_trauma" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="name">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="value" type="xs:string" default="Mechanism of trauma" />
            <xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="Mechanism_details" minOccurs="0" maxOccurs="unbounded">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="name">
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="value" type="xs:string" default="Mechanism details" />

```

```
<xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="value" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="value" type="xs:string" minOccurs="0" />
      <xs:element name="defining_code">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="terminology_id">
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="value" fixed="local" type="xs:token" />
                </xs:sequence>
              </xs:complexType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="code_string">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:enumeration value="at0.0.33" />
            <xs:enumeration value="at0.0.34" />
            <xs:enumeration value="at0.0.35" />
            <xs:enumeration value="at0.0.36" />
            <xs:enumeration value="at0.0.37" />
            <xs:enumeration value="at0.0.38" />
            <xs:enumeration value="at0.0.39" />
            <xs:enumeration value="at0.0.40" />
            <xs:enumeration value="at0.0.41" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

```
<xs:enumeration value="at0.0.42" />
<xs:enumeration value="at0.0.43" />
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>
<xs:attribute fixed="at0.18" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="ELEMENT" name="type" use="required" />
<xs:attribute name="valueType" use="required" fixed="DV_TEXT" />
</xs:complexType>
</xs:element>
<xs:element name="Time_Entrapped" minOccurs="0" maxOccurs="1">
<xs:complexType>
<xs:sequence>
<xs:element name="name">
<xs:complexType>
<xs:sequence>
<xs:element name="value" type="xs:string" default="Time Entrapped" />
<xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="value" minOccurs="0">
```

```
<xs:complexType>
<xs:sequence>
<xs:element name="value" type="oe:Iso8601DateTime" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>
<xs:attribute fixed="at0.0.47" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="ELEMENT" name="type" use="required" />
<xs:attribute name="valueType" use="required" fixed="DV_DATE_TIME" />
</xs:complexType>
</xs:element>
<xs:element name="Driver_or_Passenger" minOccurs="0" maxOccurs="1">
<xs:complexType>
<xs:sequence>
<xs:element name="name">
<xs:complexType>
<xs:sequence>
<xs:element name="value" type="xs:string" default="Driver or Passenger" />
<xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="value" minOccurs="0">
<xs:complexType>
<xs:sequence>
<xs:element name="value" type="xs:string" minOccurs="0" />
<xs:element name="defining_code">
<xs:complexType>
```

```
<xs:sequence>
<xs:element name="terminology_id">
<xs:complexType>
<xs:sequence>
<xs:element name="value" fixed="local" type="xs:token" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="code_string">
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:enumeration value="at0.0.57" />
<xs:enumeration value="at0.0.58" />
<xs:enumeration value="at0.0.59" />
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>
<xs:attribute fixed="at0.0.56" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="ELEMENT" name="type" use="required" />
<xs:attribute name="valueType" use="required" fixed="DV_TEXT" />
</xs:complexType>
</xs:element>
```

```

<xs:element name="Other_mechanism" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="name">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="value" type="xs:string" default="Other mechanism" />
            <xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="value" minOccurs="0" type="oe:DV_TEXT" />
      <xs:element name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
    </xs:sequence>
    <xs:attribute fixed="at0.19" name="archetype_node_id"
      type="oe:archetypeNodeId" use="required" />
    <xs:attribute fixed="ELEMENT" name="type" use="required" />
    <xs:attribute name="valueType" use="required" fixed="DV_TEXT" />
  </xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="at0.17" name="archetype_node_id"
  type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="CLUSTER" name="type" use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="at0015" name="archetype_node_id" type="oe:archetypeNodeId"
  use="required" />
<xs:attribute
  fixed="CLUSTER" name="type" use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>

```

```

        <xs:attribute
fixed="openEHR-EHR-CLUSTER.health_event-trauma-VACIS.v1"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
        <xs:attribute
fixed="CLUSTER" name="type" use="required" />
    </xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute
fixed="at0005" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
    <xs:attribute
fixed="CLUSTER" name="type" use="required" />
    </xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="at0003"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="ITEM_TREE"
name="type" use="required" />
    </xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="at0002"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
<xs:attribute name="type"
use="required">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:enumeration
value="POINT_EVENT" />
            <xs:enumeration
value="INTERVAL_EVENT" />
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="at0001"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
    </xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="openEHR-EHR-
OBSERVATION.story.v1" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
    <xs:attribute fixed="OBSERVATION" name="type"
use="required" />
    </xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="at0001" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="SECTION" name="type" use="required"
/>
    </xs:complexType>
</xs:element>
<xs:element name="Signs" minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>

```

```

        <xs:element name="name">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="value" type="xs:string"
default="Signs" />
                    <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="Pulse" minOccurs="0"
maxOccurs="unbounded">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="name">
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element name="value" type="xs:string"
default="Pulse" />
                                <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
                            </xs:sequence>
                        </xs:complexType>
                    </xs:element>
                    <xs:element name="uid" type="oe:UID_BASED_ID"
minOccurs="0" maxOccurs="1" />
                    <xs:element name="language">
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element name="terminology_id">
                                    <xs:complexType>
                                        <xs:sequence>
                                            <xs:element name="value"
fixed="ISO_639-1" type="xs:token" />
                                        </xs:sequence>
                                    </xs:complexType>
                                </xs:element>
                                <xs:element name="code_string"
default="en" type="xs:string" />
                            </xs:sequence>
                        </xs:complexType>
                    </xs:element>
                    <xs:element name="encoding">
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element name="terminology_id">
                                    <xs:complexType>
                                        <xs:sequence>
                                            <xs:element name="value"
fixed="IANA" type="xs:token" />
                                        </xs:sequence>
                                    </xs:complexType>
                                </xs:element>
                                <xs:element name="code_string"
default="utf-8" type="xs:string" />
                            </xs:sequence>
                        </xs:complexType>
                    </xs:element>
                    <xs:element name="subject" type="oe:PARTY_SELF"
/>

```

```

        <xs:element name="provider"
type="oe:PARTY_IDENTIFIED" minOccurs="0" maxOccurs="1" />
        <xs:element name="other_participations"
type="oe:PARTICIPATION" minOccurs="0" maxOccurs="unbounded" />
        <xs:element name="protocol" minOccurs="1"
maxOccurs="1">
            <xs:complexType>
                <xs:sequence />
                <xs:attribute fixed="at0010"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
                <xs:attribute fixed="ITEM_LIST" name="type"
use="required" />
            </xs:complexType>
        </xs:element>
        <xs:element name="data">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="origin"
type="oe:DV_DATE_TIME" />
                    <xs:element name="Any_event" minOccurs="0"
maxOccurs="unbounded">
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element name="name">
                                    <xs:complexType>
                                        <xs:sequence>
                                            <xs:element name="value"
type="xs:string" default="Any event" />
                                            <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                                        </xs:sequence>
                                    </xs:complexType>
                                </xs:element>
                                <xs:element name="time"
type="oe:DV_DATE_TIME" />
                                <xs:element name="data">
                                    <xs:complexType>
                                        <xs:sequence>
                                            <xs:element name="Findings"
minOccurs="0" maxOccurs="unbounded">
                                                <xs:complexType>
                                                    <xs:sequence>
                                                        <xs:element name="name">
                                                            <xs:complexType>
                                                                <xs:sequence>
                                                                    <xs:element
name="value" type="xs:string" default="Findings" />
                                                                    <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                                                                </xs:sequence>
                                                            </xs:complexType>
                                                        </xs:element>
                                                        <xs:element name="Rate"
minOccurs="0" maxOccurs="unbounded">
                                                            <xs:complexType>
                                                                <xs:sequence>
                                                                    <xs:element
name="name">
                                                                        <xs:complexType>
                                                                            <xs:sequence>

```

```

name="value" type="xs:string" default="Rate" />
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element
name="Rate" minOccurs="0" maxOccurs="1">
<xs:complexType>
<xs:sequence>
<xs:element
name="name">
<xs:complexType>
<xs:sequence>
<xs:element name="value" type="xs:string" default="Rate" />
<xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element
name="value" minOccurs="0">
<xs:complexType>
<xs:sequence>
<xs:element name="magnitude">
<xs:simpleType>
<xs:restriction base="xs:double">
<xs:pattern value="(\+|\-)?(0|[1-9][0-9]*)?" />
<xs:minInclusive value="0" />
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="precision">
<xs:simpleType>
<xs:restriction base="xs:int">
<xs:minInclusive value="0" />
<xs:maxInclusive value="0" />

```

```

</xs:restriction>

</xs:simpleType>

</xs:element>

<xs:element name="units" type="xs:string" fixed="/min" />

</xs:sequence>

</xs:complexType>

</xs:element>

name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>
<xs:attribute
fixed="at0004" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
<xs:attribute
fixed="ELEMENT" name="type" use="required" />
<xs:attribute
name="valueType" use="required" fixed="DV_QUANTITY" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute
fixed="at0.47" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
<xs:attribute
fixed="CLUSTER" name="type" use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute
fixed="at0.12" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
<xs:attribute
fixed="CLUSTER" name="type" use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="at0001"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="ITEM_TREE"
name="type" use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="at0003"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
<xs:attribute name="type"
use="required">
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:enumeration
value="POINT_EVENT" />
<xs:enumeration
value="INTERVAL_EVENT" />

```

```

        </xs:restriction>
        </xs:simpleType>
        </xs:attribute>
        </xs:complexType>
        </xs:element>
        </xs:sequence>
        <xs:attribute fixed="at0002"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
        </xs:complexType>
        </xs:element>
        </xs:sequence>
        <xs:attribute fixed="openEHR-EHR-
OBSERVATION.heart_rate-pulse.v1" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
        <xs:attribute fixed="OBSERVATION" name="type"
use="required" />
        </xs:complexType>
        </xs:element>
        <xs:element name="Blood_pressure" minOccurs="0"
maxOccurs="unbounded">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="name">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="value" type="xs:string"
default="Blood pressure" />
        <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element name="uid" type="oe:UID_BASED_ID"
minOccurs="0" maxOccurs="1" />
        <xs:element name="language">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="terminology_id">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="value"
fixed="ISO_639-1" type="xs:token" />
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element name="code_string"
default="en" type="xs:string" />
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element name="encoding">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="terminology_id">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="value"
fixed="IANA" type="xs:token" />
        </xs:sequence>
        </xs:complexType>
        </xs:element>

```



```

        <xs:complexType>
          <xs:sequence>
            <xs:element
name="magnitude">
              <xs:simpleType>
                <xs:restriction base="xs:double">
                  <xs:pattern
value="(\+|\-)?(0|[1-9][0-9]*)?" />
                </xs:restriction>
                </xs:simpleType>
              </xs:element>
            <xs:element
name="precision">
              <xs:simpleType>
                <xs:restriction base="xs:int">
                  <xs:minInclusive value="0" />
                  <xs:maxInclusive value="0" />
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element
name="units" type="xs:string" fixed="mm[Hg]" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element
name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>
<xs:attribute
fixed="at0004" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
<xs:attribute
fixed="ELEMENT" name="type" use="required" />
<xs:attribute
name="valueType" use="required" fixed="DV_QUANTITY" />
</xs:complexType>
</xs:element>
<xs:element name="diastolic"
minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="name">
        <xs:complexType>
          <xs:sequence>
            <xs:element
name="value" type="xs:string" default="diastolic" />
            <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```



```

                                <xs:attribute fixed="ITEM_LIST"
name="type" use="required" />
                                </xs:complexType>
                                </xs:element>
                                </xs:sequence>
                                <xs:attribute fixed="at0006"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
                                <xs:attribute name="type"
use="required">
                                <xs:simpleType>
                                <xs:restriction base="xs:string">
                                <xs:enumeration
value="POINT_EVENT" />
                                <xs:enumeration
value="INTERVAL_EVENT" />
                                </xs:restriction>
                                </xs:simpleType>
                                </xs:attribute>
                                </xs:complexType>
                                </xs:element>
                                </xs:sequence>
                                <xs:attribute fixed="at0001"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
                                </xs:complexType>
                                </xs:element>
                                </xs:sequence>
                                <xs:attribute fixed="openEHR-EHR-
OBSERVATION.blood_pressure.v1" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
                                <xs:attribute fixed="OBSERVATION" name="type"
use="required" />
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="Glasgow_Coma_Scale" minOccurs="0"
maxOccurs="unbounded">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="name">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="value" type="xs:string"
default="Glasgow Coma Scale" />
                                <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="uid" type="oe:UID_BASED_ID"
minOccurs="0" maxOccurs="1" />
                                <xs:element name="language">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="terminology_id">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="value"
fixed="ISO_639-1" type="xs:token" />
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>

```

```

        <xs:element name="code_string"
default="en" type="xs:string" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="encoding">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="terminology_id">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="value"
fixed="IANA" type="xs:token" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="code_string"
default="utf-8" type="xs:string" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="subject" type="oe:PARTY_SELF"
/>
    <xs:element name="provider"
type="oe:PARTY_IDENTIFIED" minOccurs="0" maxOccurs="1" />
    <xs:element name="other_participations"
type="oe:PARTICIPATION" minOccurs="0" maxOccurs="unbounded" />
    <xs:element name="data">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="origin"
type="oe:DV_DATE_TIME" />
                <xs:element name="Any_event" minOccurs="0"
maxOccurs="unbounded">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="name">
                                <xs:complexType>
                                    <xs:sequence>
                                        <xs:element name="value"
type="xs:string" default="Any event" />
                                    </xs:sequence>
                                </xs:complexType>
                            </xs:element>
                            <xs:element name="time"
type="oe:DV_DATE_TIME" />
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="data">
        <xs:complexType>
            <xs:sequence>
                <xs:element
name="Best_eye_response" minOccurs="0" maxOccurs="1">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="name">
                                <xs:complexType>
                                    <xs:sequence>
                                        <xs:element
name="value" type="xs:string" default="Best eye response" />
                                    </xs:sequence>
                                </xs:complexType>
                            </xs:element>
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

```

        <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="value"
minOccurs="0">
    <xs:complexType>
        <xs:sequence>
            <xs:element
name="value">
                <xs:simpleType>
                    <xs:restriction base="xs:int">
                        <xs:enumeration value="1" />
                        <xs:enumeration value="2" />
                        <xs:enumeration value="3" />
                        <xs:enumeration value="4" />
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element
name="symbol" type="oe:DV_CODED_TEXT" minOccurs="0" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element
name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
    </xs:sequence>
    <xs:attribute
fixed="at0009" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
    <xs:attribute
fixed="ELEMENT" name="type" use="required" />
    <xs:attribute
name="valueType" use="required" fixed="DV_ORDINAL" />
    </xs:complexType>
</xs:element>
<xs:element
name="Best_verbal_response" minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="name">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element
name="value" type="xs:string" default="Best verbal response" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="value"
minOccurs="0">
        <xs:complexType>
            <xs:sequence>

```

```

name="value">
    <xs:element
        <xs:simpleType>
            <xs:restriction base="xs:int">
                <xs:enumeration value="1" />
                <xs:enumeration value="2" />
                <xs:enumeration value="3" />
                <xs:enumeration value="4" />
                <xs:enumeration value="5" />
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
</xs:element>
name="symbol" type="oe:DV_CODED_TEXT" minOccurs="0" />
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element
name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
    </xs:sequence>
    <xs:attribute
fixed="at0007" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
    <xs:attribute
fixed="ELEMENT" name="type" use="required" />
    <xs:attribute
name="valueType" use="required" fixed="DV_ORDINAL" />
    </xs:complexType>
</xs:element>
<xs:element
name="Best_motor_response" minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="name">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element
name="value" type="xs:string" default="Best motor response" />
                        <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="value"
minOccurs="0">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element
name="value">
                            <xs:simpleType>
                                <xs:restriction base="xs:int">
                                    <xs:enumeration value="1" />

```

```

<xs:enumeration value="2" />
<xs:enumeration value="3" />
<xs:enumeration value="4" />
<xs:enumeration value="5" />
<xs:enumeration value="6" />
</xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element
name="symbol" type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element
name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>
<xs:attribute
fixed="at0008" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
<xs:attribute
fixed="ELEMENT" name="type" use="required" />
<xs:attribute
name="valueType" use="required" fixed="DV_ORDINAL" />
</xs:complexType>
</xs:element>
<xs:element name="Score"
minOccurs="0" maxOccurs="1">
<xs:complexType>
<xs:sequence>
<xs:element name="name">
<xs:complexType>
<xs:sequence>
<xs:element
name="value" type="xs:string" default="Score" />
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="value"
minOccurs="0">
<xs:complexType>
<xs:sequence>
<xs:element
name="magnitude">
</xs:simpleType>
</xs:restriction base="xs:int">
<xs:minInclusive value="0" />
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>

```

```

        </xs:complexType>
    </xs:element>
    <xs:element
name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
    </xs:sequence>
    <xs:attribute
fixed="at0026" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
    <xs:attribute
fixed="ELEMENT" name="type" use="required" />
    <xs:attribute
name="valueType" use="required" fixed="DV_COUNT" />
    </xs:complexType>
    </xs:element>
    </xs:sequence>
    <xs:attribute fixed="at0003"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
    <xs:attribute fixed="ITEM_TREE"
name="type" use="required" />
    </xs:complexType>
    </xs:element>
    </xs:sequence>
    <xs:attribute fixed="at0002"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
    <xs:attribute name="type"
use="required">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:enumeration
value="POINT_EVENT" />
                <xs:enumeration
value="INTERVAL_EVENT" />
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
    </xs:complexType>
    </xs:element>
    </xs:sequence>
    <xs:attribute fixed="at0001"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
    </xs:complexType>
    </xs:element>
    </xs:sequence>
    <xs:attribute fixed="openEHR-EHR-
OBSERVATION.glasgow_coma.v1" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
    <xs:attribute fixed="OBSERVATION" name="type"
use="required" />
    </xs:complexType>
    </xs:element>
    <xs:element name="Respirations" minOccurs="0"
maxOccurs="unbounded">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="name">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="value" type="xs:string"
default="Respirations" />
                            <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />

```

```

        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="uid" type="oe:UID_BASED_ID"
minOccurs="0" maxOccurs="1" />
    <xs:element name="language">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="terminology_id">
            <xs:complexType>
              <xs:sequence>
                <xs:element name="value"
fixed="ISO_639-1" type="xs:token" />
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element name="code_string"
default="en" type="xs:string" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="encoding">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="terminology_id">
            <xs:complexType>
              <xs:sequence>
                <xs:element name="value"
fixed="IANA" type="xs:token" />
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element name="code_string"
default="utf-8" type="xs:string" />
        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="subject" type="oe:PARTY_SELF"
/>
    <xs:element name="provider"
type="oe:PARTY_IDENTIFIED" minOccurs="0" maxOccurs="1" />
    <xs:element name="other_participations"
type="oe:PARTICIPATION" minOccurs="0" maxOccurs="unbounded" />
    <xs:element name="data">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="origin"
type="oe:DV_DATE_TIME" />
          <xs:element name="Any_event" minOccurs="0"
maxOccurs="unbounded">
            <xs:complexType>
              <xs:sequence>
                <xs:element name="name">
                  <xs:complexType>
                    <xs:sequence>
                      <xs:element name="value"
type="xs:string" default="Any event" />
                    </xs:sequence>
                  </xs:complexType>
                </xs:element>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>

```

```

    </xs:element>
    <xs:element name="time"
type="oe:DV_DATE_TIME" />
    <xs:element name="data">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="Rate"
minOccurs="0" maxOccurs="1">
            <xs:complexType>
              <xs:sequence>
                <xs:element name="name">
                  <xs:complexType>
                    <xs:sequence>
                      <xs:element
name="value" type="xs:string" default="Rate" />
                      <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                    </xs:sequence>
                  </xs:complexType>
                </xs:element>
                <xs:element name="value"
minOccurs="0">
                  <xs:complexType>
                    <xs:sequence>
                      <xs:element
name="magnitude">
                        <xs:simpleType>
                          <xs:restriction base="xs:double">
                            <xs:pattern
value="(\+|\-)?(0|[1-9][0-9]*)?" />
                            <xs:minInclusive value="0" />
                          </xs:restriction>
                        </xs:simpleType>
                      </xs:element>
                      <xs:element
name="precision">
                        <xs:simpleType>
                          <xs:restriction base="xs:int">
                            <xs:minInclusive value="0" />
                            <xs:maxInclusive value="0" />
                          </xs:restriction>
                        </xs:simpleType>
                      </xs:element>
                      <xs:element
name="units" type="xs:string" fixed="/min" />
                    </xs:sequence>
                  </xs:complexType>
                </xs:element>
                <xs:element
name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
              </xs:sequence>
            </xs:complexType>
          </xs:attribute
fixed="at0004" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />

```

```

        <xs:attribute
fixed="ELEMENT" name="type" use="required" />
        <xs:attribute
name="valueType" use="required" fixed="DV_QUANTITY" />
    </xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="at0003"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="ITEM_LIST"
name="type" use="required" />
</xs:complexType>
</xs:element>
<xs:element name="state">
    <xs:complexType>
        <xs:sequence />
        <xs:attribute fixed="at0022"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
        <xs:attribute fixed="ITEM_LIST"
name="type" use="required" />
    </xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="at0002"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
<xs:attribute name="type"
use="required">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:enumeration
value="POINT_EVENT" />
            <xs:enumeration
value="INTERVAL_EVENT" />
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="at0001"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="openEHR-EHR-
OBSERVATION.respiration.v1" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="OBSERVATION" name="type"
use="required" />
</xs:complexType>
</xs:element>
<xs:element name="Temperature" minOccurs="0"
maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="name">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="value" type="xs:string"
fixed="Temperature" />

```

```

        <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="uid" type="oe:UID_BASED_ID"
minOccurs="0" maxOccurs="1" />
<xs:element name="language">
<xs:complexType>
<xs:sequence>
<xs:element name="terminology_id">
<xs:complexType>
<xs:sequence>
<xs:element name="value"
fixed="ISO_639-1" type="xs:token" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="code_string"
default="en" type="xs:string" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="encoding">
<xs:complexType>
<xs:sequence>
<xs:element name="terminology_id">
<xs:complexType>
<xs:sequence>
<xs:element name="value"
fixed="IANA" type="xs:token" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="code_string"
default="utf-8" type="xs:string" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="subject" type="oe:PARTY_SELF"
/>
<xs:element name="provider"
type="oe:PARTY_IDENTIFIED" minOccurs="0" maxOccurs="1" />
<xs:element name="other_participations"
type="oe:PARTICIPATION" minOccurs="0" maxOccurs="unbounded" />
<xs:element name="protocol" minOccurs="1"
maxOccurs="1">
<xs:complexType>
<xs:sequence />
<xs:attribute fixed="at0020"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="ITEM_TREE" name="type"
use="required" />
</xs:complexType>
</xs:element>
<xs:element name="data">
<xs:complexType>
<xs:sequence>
<xs:element name="origin"
type="oe:DV_DATE_TIME" />

```



```

<xs:maxInclusive value="1" />

</xs:restriction>

</xs:simpleType>
                                                                 </xs:element>
                                                                 <xs:element
name="units" type="xs:string" fixed="°C" />
                                                                 </xs:sequence>
                                                                 </xs:complexType>
                                                                 </xs:element>
                                                                 <xs:element
name="degreeF_value" minOccurs="0">
                                                                 <xs:complexType>
                                                                 <xs:sequence>
                                                                 <xs:element
name="magnitude">
<xs:simpleType>
<xs:restriction base="xs:double">
<xs:pattern value="(\+|\-)?(0|[1-9][0-9]*)?(\.[0-9]{1})?" />
<xs:minInclusive value="32" />
</xs:restriction>
</xs:simpleType>
                                                                 </xs:element>
                                                                 <xs:element
name="precision">
<xs:simpleType>
<xs:restriction base="xs:int">
<xs:minInclusive value="1" />
<xs:maxInclusive value="1" />
</xs:restriction>
</xs:simpleType>
                                                                 </xs:element>
                                                                 <xs:element
name="units" type="xs:string" fixed="°F" />
                                                                 </xs:sequence>
                                                                 </xs:complexType>
                                                                 </xs:element>
                                                                 </xs:choice>
                                                                 <xs:element
name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
                                                                 </xs:sequence>
                                                                 <xs:attribute
fixed="at0004" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
                                                                 <xs:attribute
fixed="ELEMENT" name="type" use="required" />

```

```

        <xs:attribute
name="valueType" use="required" fixed="DV_QUANTITY" />
        </xs:complexType>
    </xs:element>
</xs:sequence>
    <xs:attribute fixed="at0001"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
    <xs:attribute fixed="ITEM_TREE"
name="type" use="required" />
    </xs:complexType>
</xs:element>
<xs:element name="state">
    <xs:complexType>
        <xs:sequence />
        <xs:attribute fixed="at0029"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
        <xs:attribute fixed="ITEM_TREE"
name="type" use="required" />
    </xs:complexType>
</xs:element>
</xs:sequence>
    <xs:attribute fixed="at0003"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
    <xs:attribute name="type"
use="required">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:enumeration
value="POINT_EVENT" />
                <xs:enumeration
value="INTERVAL_EVENT" />
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
    <xs:attribute fixed="at0002"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
    </xs:complexType>
</xs:element>
</xs:sequence>
    <xs:attribute fixed="openEHR-EHR-
OBSERVATION.body_temperature.v1" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
    <xs:attribute fixed="OBSERVATION" name="type"
use="required" />
    </xs:complexType>
</xs:element>
<xs:element name="Global_assessment_-_VACIS"
minOccurs="0" maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="name">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="value" type="xs:string"
default="Global assessment - VACIS" />
                        <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>

```

```

        </xs:complexType>
      </xs:element>
      <xs:element name="uid" type="oe:UID_BASED_ID"
minOccurs="0" maxOccurs="1" />
      <xs:element name="language">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="terminology_id">
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="value"
fixed="ISO_639-1" type="xs:token" />
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element name="code_string"
default="en" type="xs:string" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="encoding">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="terminology_id">
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="value"
fixed="IANA" type="xs:token" />
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element name="code_string"
default="utf-8" type="xs:string" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="subject" type="oe:PARTY_SELF"
/>
      <xs:element name="provider"
type="oe:PARTY_IDENTIFIED" minOccurs="0" maxOccurs="1" />
      <xs:element name="other_participations"
type="oe:PARTICIPATION" minOccurs="0" maxOccurs="unbounded" />
      <xs:element name="data">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="origin"
type="oe:DV_DATE_TIME" />
            <xs:element name="Any_event" minOccurs="0"
maxOccurs="unbounded">
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="name">
                    <xs:complexType>
                      <xs:sequence>
                        <xs:element name="value"
type="xs:string" default="Any event" />
                      </xs:sequence>
                    </xs:complexType>
                  </xs:element>
                </xs:sequence>
              </xs:complexType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>

```



```

</xs:restriction>

</xs:simpleType>

</xs:element>

</xs:complexType>

</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element
name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>
<xs:attribute
fixed="at0.106" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
<xs:attribute
fixed="ELEMENT" name="type" use="required" />
<xs:attribute
name="valueType" use="required" fixed="DV_TEXT" />
</xs:complexType>
</xs:element>
<xs:element name="Findings"
minOccurs="0" maxOccurs="unbounded">
<xs:complexType>
<xs:sequence>
<xs:element name="name">
<xs:complexType>
<xs:sequence>
<xs:element
name="value" type="xs:string" default="Findings" />
<xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element
name="General_observations" minOccurs="0" maxOccurs="unbounded">
<xs:complexType>
<xs:sequence>
<xs:element
name="name">
<xs:complexType>
<xs:sequence>
<xs:element
name="value" type="xs:string" default="General observations" />
<xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element
name="Short_of_Breath" minOccurs="0" maxOccurs="1">
<xs:complexType>
<xs:sequence>
<xs:element
name="name">

```

```

<xs:complexType>
<xs:sequence>
<xs:element name="value" type="xs:string" default="Short of Breath" />
<xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element
name="value" minOccurs="0" type="oe:DV_BOOLEAN" />
<xs:element
name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>
<xs:attribute
fixed="at0.105" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
<xs:attribute
fixed="ELEMENT" name="type" use="required" />
<xs:attribute
name="valueType" use="required" fixed="DV_BOOLEAN" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute
fixed="at0089" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
<xs:attribute
fixed="CLUSTER" name="type" use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute
fixed="at0070" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
<xs:attribute
fixed="CLUSTER" name="type" use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="at0003"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="ITEM_TREE"
name="type" use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="at0002"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
<xs:attribute name="type"
use="required">
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:enumeration
value="POINT_EVENT" />

```

```

                                <xs:enumeration
value="INTERVAL_EVENT" />
                                </xs:restriction>
                                </xs:simpleType>
                                </xs:attribute>
                                </xs:complexType>
                                </xs:element>
                                </xs:sequence>
                                <xs:attribute fixed="at0001"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
                                </xs:complexType>
                                </xs:element>
                                </xs:sequence>
                                <xs:attribute fixed="openEHR-EHR-
OBSERVATION.global-vacis.v1" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
                                <xs:attribute fixed="OBSERVATION" name="type"
use="required" />
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="Pupils" minOccurs="0"
maxOccurs="unbounded">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="name">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="value" type="xs:string"
fixed="Pupils" />
                                <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="uid" type="oe:UID_BASED_ID"
minOccurs="0" maxOccurs="1" />
                                <xs:element name="language">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="terminology_id">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="value"
fixed="ISO_639-1" type="xs:token" />
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="code_string"
default="en" type="xs:string" />
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="encoding">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="terminology_id">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="value"
fixed="IANA" type="xs:token" />
                                </xs:sequence>
                                </xs:complexType>
                                </xs:sequence>

```

```

        </xs:complexType>
        </xs:element>
        <xs:element name="code_string"
default="utf-8" type="xs:string" />
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element name="subject" type="oe:PARTY_SELF"
/>
        <xs:element name="provider"
type="oe:PARTY_IDENTIFIED" minOccurs="0" maxOccurs="1" />
        <xs:element name="other_participations"
type="oe:PARTICIPATION" minOccurs="0" maxOccurs="unbounded" />
        <xs:element name="data">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="origin"
type="oe:DV_DATE_TIME" />
        <xs:element name="Any_event" minOccurs="0"
maxOccurs="unbounded">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="name">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="value"
type="xs:string" default="Any event" />
        <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element name="time"
type="oe:DV_DATE_TIME" />
        <xs:element name="data">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="Pupils"
minOccurs="0" maxOccurs="unbounded">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="name">
        <xs:complexType>
        <xs:sequence>
        <xs:element
name="value" type="xs:string" default="Pupils" />
        <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element
name="Findings" minOccurs="0" maxOccurs="unbounded">
        <xs:complexType>
        <xs:sequence>
        <xs:element
name="name">
        <xs:complexType>
        <xs:sequence>
        <xs:element
name="value" type="xs:string" default="Findings" />

```

```

                                <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                                </xs:sequence>
</xs:complexType>
                                </xs:element>
                                <xs:element
name="Laterality" minOccurs="0" maxOccurs="unbounded">
                                <xs:complexType>
                                    <xs:sequence>
                                        <xs:element
name="name">
                                        </xs:complexType>
                                        <xs:sequence>
                                            <xs:element name="value" type="xs:string" default="Laterality" />
                                            <xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                                        </xs:sequence>
                                    </xs:complexType>
                                </xs:element>
                                <xs:element
name="value" minOccurs="0">
                                <xs:complexType>
                                    <xs:sequence>
                                        <xs:element name="value" type="xs:string" />
                                        <xs:element name="defining_code">
                                        <xs:complexType>
                                            <xs:sequence>
                                                <xs:element name="terminology_id">
                                                <xs:complexType>
                                                    <xs:sequence>
                                                        <xs:element name="value" fixed="local" type="xs:token" />
                                                    </xs:sequence>
                                                </xs:complexType>
                                            </xs:element>
                                            <xs:element name="code_string" type="xs:string" />
                                        </xs:sequence>
                                    </xs:complexType>
                                </xs:element>

```

```

</xs:element>

</xs:sequence>

</xs:complexType>

</xs:element>

name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>
<xs:attribute
fixed="openEHR-EHR-ELEMENT.laterality.v1" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
<xs:attribute
fixed="ELEMENT" name="type" use="required" />
<xs:attribute
name="valueType" use="required" fixed="DV_TEXT" />
</xs:complexType>
</xs:element>
<xs:element
name="Details" minOccurs="0" maxOccurs="unbounded">
<xs:complexType>
<xs:sequence>
<xs:element
name="name">
<xs:complexType>
<xs:sequence>
<xs:element name="value" type="xs:string" default="Details" />
<xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element
name="Size" minOccurs="0" maxOccurs="1">
<xs:complexType>
<xs:sequence>
<xs:element name="name">
<xs:complexType>
<xs:sequence>
<xs:element name="value" type="xs:string" default="Size" />
<xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
</xs:sequence>
</xs:complexType>

```

```
</xs:element>

<xs:element name="value" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="magnitude">
        <xs:simpleType>
          <xs:restriction base="xs:double">
            <xs:pattern value="(\+|\-)?(0|[1-9][0-9]*)?" />
            <xs:minInclusive value="1" />
            <xs:maxInclusive value="5" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="precision">
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="0" />
            <xs:maxInclusive value="0" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="units" type="xs:string" fixed="mm" />
    </xs:sequence>
  </xs:complexType>
</xs:element>

<xs:element name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>

<xs:attribute fixed="at0002" name="archetype_node_id"
  type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="ELEMENT" name="type" use="required" />
<xs:attribute name="valueType" use="required" fixed="DV_QUANTITY" />
```

```

</xs:complexType>

</xs:element>

<xs:element
name="Direct_light_reflex_present" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="name">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="value" type="xs:string" default="Direct light reflex
present" />
            <xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="value" minOccurs="0" type="oe:DV_BOOLEAN" />
      <xs:element name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
    </xs:sequence>
    <xs:attribute fixed="at0003" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
    <xs:attribute fixed="ELEMENT" name="type" use="required" />
    <xs:attribute name="valueType" use="required" fixed="DV_BOOLEAN" />
  </xs:complexType>
</xs:element>

<xs:element
name="Speed_of_pupillary_response" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="name">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="value" type="xs:string" default="Speed of pupillary
response" />
            <xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="value" minOccurs="0">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="value" type="xs:string" minOccurs="0" />
      <xs:element name="defining_code">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="terminology_id">
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="value" fixed="local" type="xs:token" />
                </xs:sequence>
              </xs:complexType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
  <xs:restriction base="xs:string">
    <xs:enumeration value="at0008" />
    <xs:enumeration value="at0009" />
    <xs:enumeration value="at0010" />
    <xs:enumeration value="at0015" />
    <xs:enumeration value="at0016" />
    <xs:enumeration value="at0017" />
    <xs:enumeration value="at0018" />
    <xs:enumeration value="at0019" />
  </xs:restriction>
</xs:complexType>
</xs:element>
```

```

</xs:element>

</xs:sequence>

</xs:complexType>

</xs:element>

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />

</xs:sequence>

<xs:attribute fixed="at0007" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />

<xs:attribute fixed="ELEMENT" name="type" use="required" />

<xs:attribute name="valueType" use="required" fixed="DV_TEXT" />

</xs:complexType>

</xs:element>

</xs:sequence>
<xs:attribute
fixed="at0001" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
<xs:attribute
fixed="CLUSTER" name="type" use="required" />

</xs:complexType>

</xs:element>
</xs:sequence>
<xs:attribute
fixed="at0014" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
<xs:attribute
fixed="CLUSTER" name="type" use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute
fixed="openEHR-EHR-CLUSTER.pupils.v1" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
<xs:attribute
fixed="CLUSTER" name="type" use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="at0003"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="ITEM_TREE"
name="type" use="required" />
</xs:complexType>
</xs:element>

```

```

        </xs:sequence>
        <xs:attribute fixed="at0002"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
        <xs:attribute name="type"
use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:enumeration
value="POINT_EVENT" />
                    <xs:enumeration
value="INTERVAL_EVENT" />
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>
</xs:sequence>
    <xs:attribute fixed="at0001"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
    </xs:complexType>
</xs:element>
</xs:sequence>
    <xs:attribute fixed="openEHR-EHR-
OBSERVATION.exam.v1" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
    <xs:attribute fixed="OBSERVATION" name="type"
use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>
    <xs:attribute fixed="at0002" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
    <xs:attribute fixed="SECTION" name="type" use="required"
/>
</xs:complexType>
</xs:element>
<xs:element name="Treatment" minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="name">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="value" type="xs:string"
default="Treatment" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
    <xs:element name="Placeholder" minOccurs="0"
maxOccurs="unbounded">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="name">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="value" type="xs:string"
default="Placeholder" />
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

```

        </xs:complexType>
    </xs:element>
    <xs:element name="uid" type="oe:UID_BASED_ID"
minOccurs="0" maxOccurs="1" />
    <xs:element name="language">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="terminology_id">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="value"
fixed="ISO_639-1" type="xs:token" />
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="code_string"
default="en" type="xs:string" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="encoding">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="terminology_id">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="value"
fixed="IANA" type="xs:token" />
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="code_string"
default="utf-8" type="xs:string" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="subject" type="oe:PARTY_SELF"
/>
    <xs:element name="provider"
type="oe:PARTY_IDENTIFIED" minOccurs="0" maxOccurs="1" />
    <xs:element name="other_participations"
type="oe:PARTICIPATION" minOccurs="0" maxOccurs="unbounded" />
    <xs:element name="data">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="origin"
type="oe:DV_DATE_TIME" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="Any_event" minOccurs="0"
maxOccurs="unbounded">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="name">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="value"
type="xs:string" default="Any event" />
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
    </xs:complexType>
</xs:element>

```



```

                                <xs:enumeration
value="INTERVAL_EVENT" />
                                </xs:restriction>
                                </xs:simpleType>
                                </xs:attribute>
                                </xs:complexType>
                                </xs:element>
                                </xs:sequence>
                                <xs:attribute fixed="at0001"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
                                </xs:complexType>
                                </xs:element>
                                </xs:sequence>
                                <xs:attribute fixed="openEHR-EHR-
OBSERVATION.placeholder.v1" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
                                <xs:attribute fixed="OBSERVATION" name="type"
use="required" />
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="Summary_of_treatments_provided"
minOccurs="0" maxOccurs="unbounded">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="name">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="value" type="xs:string"
default="Summary of treatments provided" />
                                <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="uid" type="oe:UID_BASED_ID"
minOccurs="0" maxOccurs="1" />
                                <xs:element name="language">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="terminology_id">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="value"
fixed="ISO_639-1" type="xs:token" />
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="code_string"
default="en" type="xs:string" />
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="encoding">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="terminology_id">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="value"
fixed="IANA" type="xs:token" />
                                </xs:sequence>
                                </xs:complexType>
                                </xs:sequence>

```

```

        </xs:complexType>
        </xs:element>
        <xs:element name="code_string"
default="utf-8" type="xs:string" />
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element name="subject" type="oe:PARTY_SELF"
/>
        <xs:element name="provider"
type="oe:PARTY_IDENTIFIED" minOccurs="0" maxOccurs="1" />
        <xs:element name="other_participations"
type="oe:PARTICIPATION" minOccurs="0" maxOccurs="unbounded" />
        <xs:element name="data">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="Cervical_collar"
minOccurs="0" maxOccurs="1">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="name">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="value"
type="xs:string" default="Cervical collar" />
        <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element name="value"
minOccurs="0" type="oe:DV_BOOLEAN" />
        <xs:element name="null_flavour"
type="oe:DV_CODED_TEXT" minOccurs="0" />
        </xs:sequence>
        <xs:attribute fixed="at0002"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
        <xs:attribute fixed="ELEMENT"
name="type" use="required" />
        <xs:attribute name="valueType"
use="required" fixed="DV_BOOLEAN" />
        </xs:complexType>
        </xs:element>
        <xs:element name="Oropharyngeal_airway"
minOccurs="0" maxOccurs="1">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="name">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="value"
type="xs:string" default="Oropharyngeal airway" />
        <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element name="value"
minOccurs="0" type="oe:DV_BOOLEAN" />
        <xs:element name="null_flavour"
type="oe:DV_CODED_TEXT" minOccurs="0" />

```

```

        </xs:sequence>
        <xs:attribute fixed="at0003"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
        <xs:attribute fixed="ELEMENT"
name="type" use="required" />
        <xs:attribute name="valueType"
use="required" fixed="DV_BOOLEAN" />
    </xs:complexType>
</xs:element>
<xs:element name="Nasopharyngeal_airway"
minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="name">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="value"
type="xs:string" default="Nasopharyngeal airway" />
                    <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="value"
minOccurs="0" type="oe:DV_BOOLEAN" />
        <xs:element name="null_flavour"
type="oe:DV_CODED_TEXT" minOccurs="0" />
    </xs:sequence>
    <xs:attribute fixed="at0014"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
    <xs:attribute fixed="ELEMENT"
name="type" use="required" />
    <xs:attribute name="valueType"
use="required" fixed="DV_BOOLEAN" />
</xs:complexType>
</xs:element>
<xs:element name="Laryngeal_Mask_airway"
minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="name">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="value"
type="xs:string" default="Laryngeal Mask airway" />
                    <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="value"
minOccurs="0" type="oe:DV_BOOLEAN" />
        <xs:element name="null_flavour"
type="oe:DV_CODED_TEXT" minOccurs="0" />
    </xs:sequence>
    <xs:attribute fixed="at0004"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
    <xs:attribute fixed="ELEMENT"
name="type" use="required" />
    <xs:attribute name="valueType"
use="required" fixed="DV_BOOLEAN" />

```

```

        </xs:complexType>
    </xs:element>
    <xs:element name="Endotracheal_tube"
minOccurs="0" maxOccurs="1">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="name">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="value"
type="xs:string" default="Endotracheal tube" />
                            <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="value"
minOccurs="0" type="oe:DV_BOOLEAN" />
                <xs:element name="null_flavour"
type="oe:DV_CODED_TEXT" minOccurs="0" />
            </xs:sequence>
            <xs:attribute fixed="at0005"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
            <xs:attribute fixed="ELEMENT"
name="type" use="required" />
            <xs:attribute name="valueType"
use="required" fixed="DV_BOOLEAN" />
        </xs:complexType>
    </xs:element>
    <xs:element
name="Rapid_sequence_induction" minOccurs="0" maxOccurs="1">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="name">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="value"
type="xs:string" default="Rapid sequence induction" />
                            <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="value"
minOccurs="0" type="oe:DV_BOOLEAN" />
                <xs:element name="null_flavour"
type="oe:DV_CODED_TEXT" minOccurs="0" />
            </xs:sequence>
            <xs:attribute fixed="at0006"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
            <xs:attribute fixed="ELEMENT"
name="type" use="required" />
            <xs:attribute name="valueType"
use="required" fixed="DV_BOOLEAN" />
        </xs:complexType>
    </xs:element>
    <xs:element name="Ventilated"
minOccurs="0" maxOccurs="1">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="name">

```

```

        <xs:complexType>
          <xs:sequence>
            <xs:element name="value"
type="xs:string" default="Ventilated" />
            <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="value"
minOccurs="0" type="oe:DV_BOOLEAN" />
      <xs:element name="null_flavour"
type="oe:DV_CODED_TEXT" minOccurs="0" />
    </xs:sequence>
    <xs:attribute fixed="at0007"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
    <xs:attribute fixed="ELEMENT"
name="type" use="required" />
    <xs:attribute name="valueType"
use="required" fixed="DV_BOOLEAN" />
  </xs:complexType>
</xs:element>
<xs:element name="Chest_decompression"
minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="name">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="value"
type="xs:string" default="Chest decompression" />
            <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <xs:element name="Laterality"
minOccurs="0" maxOccurs="unbounded">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="name">
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="value"
type="xs:string" default="Laterality" />
                  <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element name="value"
minOccurs="0">
              <xs:complexType>
                <xs:sequence>
                  <xs:element name="value"
type="xs:string" />
                  <xs:element
name="defining_code">
                    <xs:complexType>
                      <xs:sequence>

```

```

name="terminology_id">
    <xs:element
        <xs:complexType>
            <xs:sequence>
                <xs:element
                    name="value" fixed="local" type="xs:token" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
</xs:element>

name="code_string" type="xs:string" />
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element
    name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>
<xs:attribute fixed="openEHR-
EHR-ELEMENT.laterality.v1" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="ELEMENT"
name="type" use="required" />
<xs:attribute name="valueType"
use="required" fixed="DV_TEXT" />
</xs:complexType>
</xs:element>
<xs:element
    name="Chest_decompression" minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="name">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="value"
                            type="xs:string" default="Chest decompression" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="value"
                type="oe:CODE_PHRASE" minOccurs="0" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element
    name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>
<xs:attribute fixed="at0009"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="ELEMENT"
name="type" use="required" />
<xs:attribute name="valueType"
use="required" fixed="DV_BOOLEAN" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="at0008"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />

```

```

        <xs:attribute fixed="CLUSTER"
name="type" use="required" />
    </xs:complexType>
</xs:element>
<xs:element name="IV_access" minOccurs="0"
maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="name">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="value"
type="xs:string" default="IV access" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
        </xs:sequence>
    </xs:complexType>
    </xs:element>
    <xs:element name="value"
minOccurs="0" type="oe:DV_BOOLEAN" />
    <xs:element name="null_flavour"
type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>
<xs:attribute fixed="at0010"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="ELEMENT"
name="type" use="required" />
    <xs:attribute name="valueType"
use="required" fixed="DV_BOOLEAN" />
</xs:complexType>
</xs:element>
<xs:element name="Hartmanns" minOccurs="0"
maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="name">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="value"
type="xs:string" default="Hartmann's" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
        </xs:sequence>
    </xs:complexType>
    </xs:element>
    <xs:element
name="IV_Hartmanns_administration" minOccurs="0" maxOccurs="1">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="name">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="value"
type="xs:string" default="IV Hartmann's administration" />
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="value"
minOccurs="0" type="oe:DV_BOOLEAN" />

```

```

        <xs:element
name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
        </xs:sequence>
        <xs:attribute fixed="at0012"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
        <xs:attribute fixed="ELEMENT"
name="type" use="required" />
        <xs:attribute name="valueType"
use="required" fixed="DV_BOOLEAN" />
    </xs:complexType>
</xs:element>
<xs:element name="Volume_given"
minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="name">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="value"
type="xs:string" default="Volume given" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
    </xs:element>
    <xs:element name="value"
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
    </xs:sequence>
</xs:complexType>
</xs:element>
    <xs:element name="value"
minOccurs="0">
        <xs:complexType>
            <xs:sequence>
                <xs:element
name="magnitude" type="xs:double" />
                <xs:element
name="units" type="xs:string" fixed="ml" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element
name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
    </xs:sequence>
    <xs:attribute fixed="at0011"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
    <xs:attribute fixed="ELEMENT"
name="type" use="required" />
    <xs:attribute name="valueType"
use="required" fixed="DV_QUANTITY" />
</xs:complexType>
</xs:element>
</xs:sequence>
    <xs:attribute fixed="at0013"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
    <xs:attribute fixed="CLUSTER"
name="type" use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>
    <xs:attribute fixed="at0001"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
    <xs:attribute fixed="ITEM_TREE" name="type"
use="required" />
</xs:complexType>
</xs:element>

```

```

        </xs:sequence>
        <xs:attribute fixed="openEHR-EHR-
EVALUATION.treatment_summary_vacis.v1" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
        <xs:attribute fixed="EVALUATION" name="type"
use="required" />
    </xs:complexType>
</xs:element>
<xs:element name="Medication_action" minOccurs="0"
maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="name">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="value" type="xs:string"
default="Medication action" />
                        <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="uid" type="oe:UID_BASED_ID"
minOccurs="0" maxOccurs="1" />
            <xs:element name="language">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="terminology_id">
                            <xs:complexType>
                                <xs:sequence>
                                    <xs:element name="value"
fixed="ISO_639-1" type="xs:token" />
                                </xs:sequence>
                            </xs:complexType>
                        </xs:element>
                        <xs:element name="code_string"
default="en" type="xs:string" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="encoding">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="terminology_id">
                            <xs:complexType>
                                <xs:sequence>
                                    <xs:element name="value"
fixed="IANA" type="xs:token" />
                                </xs:sequence>
                            </xs:complexType>
                        </xs:element>
                        <xs:element name="code_string"
default="utf-8" type="xs:string" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="subject" type="oe:PARTY_SELF"
/>
            <xs:element name="provider"
type="oe:PARTY_IDENTIFIED" minOccurs="0" maxOccurs="1" />

```

```

        <xs:element name="other_participations"
type="oe:PARTICIPATION" minOccurs="0" maxOccurs="unbounded" />
        <xs:element name="time" type="oe:DV_DATE_TIME"
/>

        <xs:element name="description">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="Medication_description"
minOccurs="0" maxOccurs="unbounded">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="name">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="value"
type="xs:string" default="Medication description" />
        <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element
name="Name_of_medication" minOccurs="0" maxOccurs="unbounded">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="name">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="value"
type="xs:string" default="Name of medication" />
        <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
        </xs:sequence>
        </xs:complexType>
        </xs:element>
        <xs:element name="value"
minOccurs="0" type="oe:DV_TEXT" />
        <xs:element
name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
        </xs:sequence>
        <xs:attribute fixed="at0001"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
        <xs:attribute fixed="ELEMENT"
name="type" use="required" />
        <xs:attribute name="valueType"
use="required" fixed="DV_TEXT" />
        </xs:complexType>
        </xs:element>
        <xs:element name="Dose_unit"
minOccurs="0" maxOccurs="1">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="name">
        <xs:complexType>
        <xs:sequence>
        <xs:element name="value"
type="xs:string" default="Dose unit" />
        <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
        </xs:sequence>
        </xs:complexType>

```

```

        </xs:element>
        <xs:element name="value"
minOccurs="0" type="oe:DV_CODED_TEXT" />
        <xs:element
name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
        </xs:sequence>
        <xs:attribute fixed="at0006"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
        <xs:attribute fixed="ELEMENT"
name="type" use="required" />
        <xs:attribute name="valueType"
use="required" fixed="DV_TEXT" />
    </xs:complexType>
</xs:element>
<xs:element name="Dose"
minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="name">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="value"
type="xs:string" default="Dose" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
        </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="By_dose_units" minOccurs="0" maxOccurs="1">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="name">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element
name="value" type="xs:string" default="By dose units" />
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="Number_or_fraction">
        <xs:complexType>
            <xs:sequence>
                <xs:element
name="name">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element
name="value" type="xs:string" default="Number or fraction" />
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
</xs:complexType>
</xs:element>
<xs:choice>
    <xs:element
name="interval_count_value" minOccurs="0">

```

```
<xs:complexType>
<xs:sequence>
<xs:element name="lower">
<xs:complexType>
<xs:sequence>
<xs:element name="magnitude">
<xs:simpleType>
<xs:restriction base="xs:int">
<xs:minInclusive value="1" />
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="upper">
<xs:complexType>
<xs:sequence>
<xs:element name="magnitude">
<xs:simpleType>
<xs:restriction base="xs:int">
<xs:minInclusive value="1" />
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
```

```

name="count_value" minOccurs="0" type="oe:DV_COUNT" />
name="proportion_value" minOccurs="0" type="oe:DV_PROPORTION" />
</xs:choice>
<xs:element
name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
</xs:sequence>
<xs:attribute
fixed="at0005" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
<xs:attribute
fixed="ELEMENT" name="type" use="required" />
<xs:attribute
name="valueType" use="required">
<xs:simpleType>
<xs:restriction
base="xs:string">
<xs:enumeration value="DV_COUNT" />
<xs:enumeration value="DV_INTERVAL<DV_COUNT" />
<xs:enumeration value="DV_PROPORTION" />
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute
fixed="at0034" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
<xs:attribute
fixed="CLUSTER" name="type" use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>
<xs:attribute fixed="at0033"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
<xs:attribute fixed="CLUSTER"
name="type" use="required" />
</xs:complexType>
</xs:element>
<xs:element
name="Administration_information" minOccurs="0" maxOccurs="1">
<xs:complexType>
<xs:sequence>
<xs:element name="name">
<xs:complexType>
<xs:sequence>
<xs:element name="value"
type="xs:string" default="Administration information" />
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element
name="Date_time_of_last_administration" minOccurs="0" maxOccurs="1">

```

```

        <xs:complexType>
          <xs:sequence>
            <xs:element name="name">
              <xs:complexType>
                <xs:sequence>
                  <xs:element
name="value" type="xs:string" default="Date (time) of last administration"
/>
                  <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element name="value"
minOccurs="0">
              <xs:complexType>
                <xs:sequence>
                  <xs:element
name="value" type="oe:iso8601DateTime" />
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element
name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
            </xs:sequence>
            <xs:attribute
fixed="at0032" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
            <xs:attribute
fixed="ELEMENT" name="type" use="required" />
            <xs:attribute
name="valueType" use="required" fixed="DV_DATE_TIME" />
          </xs:complexType>
        </xs:element>
        </xs:sequence>
        <xs:attribute fixed="openEHR-EHR-
ITEM_TREE.medication.v1" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
        <xs:attribute fixed="ITEM_TREE"
name="type" use="required" />
      </xs:complexType>
    </xs:element>
  </xs:sequence>
  <xs:attribute fixed="openEHR-EHR-
ITEM_TREE.medication.v1" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
  <xs:attribute fixed="ITEM_TREE"
name="type" use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="instruction_details"
minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="instruction_id"
type="oe:LOCATABLE_REF" />
      <xs:element name="activity_id"
type="xs:string" />
    </xs:sequence>
  </xs:complexType>

```

```

        </xs:complexType>
    </xs:element>
    <xs:element name="ism_transition">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="current_state"
type="oe:DV_CODED_TEXT" />
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="instruction_id" />
    <xs:element name="activity_id" type="xs:string"
/>
        </xs:sequence>
        <xs:attribute fixed="openEHR-EHR-
ACTION.medication.v1" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
        <xs:attribute fixed="ACTION" name="type"
use="required" />
    </xs:complexType>
    </xs:element>
    <xs:sequence>
        <xs:attribute fixed="at0003" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
        <xs:attribute fixed="SECTION" name="type" use="required"
/>
    </xs:complexType>
    </xs:element>
    <xs:element name="Other_Information" minOccurs="0"
maxOccurs="1">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="name">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="value" type="xs:string"
default="Other Information" />
                            <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="Allergies" minOccurs="0"
maxOccurs="unbounded">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="name">
                                <xs:complexType>
                                    <xs:sequence>
                                        <xs:element name="value" type="xs:string"
fixed="Allergies" />
                                        <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
                                    </xs:sequence>
                                </xs:complexType>
                            </xs:element>
                            <xs:element name="uid" type="oe:UID_BASED_ID"
minOccurs="0" maxOccurs="1" />
                            <xs:element name="language">
                                <xs:complexType>
                                    <xs:sequence>

```

```

        <xs:element name="terminology_id">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="value"
fixed="ISO_639-1" type="xs:token" />
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="code_string"
default="en" type="xs:string" />
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="encoding">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="terminology_id">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="value"
fixed="IANA" type="xs:token" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="code_string"
default="utf-8" type="xs:string" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="subject" type="oe:PARTY_SELF"
/>
<xs:element name="provider"
type="oe:PARTY_IDENTIFIED" minOccurs="0" maxOccurs="1" />
<xs:element name="other_participations"
type="oe:PARTICIPATION" minOccurs="0" maxOccurs="unbounded" />
<xs:element name="data">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Agent">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="name">
                            <xs:complexType>
                                <xs:sequence>
                                    <xs:element name="value"
type="xs:string" default="Agent" />
                                </xs:sequence>
                            </xs:complexType>
                        </xs:element>
                        <xs:element name="value"
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="value"
minOccurs="0" type="oe:DV_TEXT" />
            <xs:element name="null_flavour"
type="oe:DV_CODED_TEXT" minOccurs="0" />
        </xs:sequence>
        <xs:attribute fixed="at0003"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
        <xs:attribute fixed="ELEMENT"
name="type" use="required" />

```

```

                                <xs:attribute name="valueType"
use="required" fixed="DV_TEXT" />
                                </xs:complexType>
                                </xs:element>
                                </xs:sequence>
                                <xs:attribute fixed="at0002"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
                                <xs:attribute fixed="ITEM_TREE" name="type"
use="required" />
                                </xs:complexType>
                                </xs:element>
                                </xs:sequence>
                                <xs:attribute fixed="openEHR-EHR-
EVALUATION.adverse.v1" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
                                <xs:attribute fixed="EVALUATION" name="type"
use="required" />
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="Significant_Past_History"
minOccurs="0" maxOccurs="unbounded">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="name">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="value" type="xs:string"
fixed="Significant Past History" />
                                <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="uid" type="oe:UID_BASED_ID"
minOccurs="0" maxOccurs="1" />
                                <xs:element name="language">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="terminology_id">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="value"
fixed="ISO_639-1" type="xs:token" />
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="code_string"
default="en" type="xs:string" />
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="encoding">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="terminology_id">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="value"
fixed="IANA" type="xs:token" />
                                </xs:sequence>
                                </xs:complexType>

```

```

        </xs:element>
        <xs:element name="code_string"
default="utf-8" type="xs:string" />
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="subject" type="oe:PARTY_SELF"
/>
    <xs:element name="provider"
type="oe:PARTY_IDENTIFIED" minOccurs="0" maxOccurs="1" />
    <xs:element name="other_participations"
type="oe:PARTICIPATION" minOccurs="0" maxOccurs="unbounded" />
    <xs:element name="protocol" minOccurs="1"
maxOccurs="1">
        <xs:complexType>
            <xs:sequence />
            <xs:attribute fixed="at0032"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
            <xs:attribute fixed="ITEM_TREE" name="type"
use="required" />
        </xs:complexType>
    </xs:element>
    <xs:element name="data">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="Problem">
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element name="name">
                                <xs:complexType>
                                    <xs:sequence>
                                        <xs:element name="value"
type="xs:string" default="Problem" />
                                </xs:complexType>
                            </xs:element>
                            <xs:element name="value"
type="oe:CODE_PHRASE" minOccurs="0" />
                        </xs:sequence>
                    </xs:complexType>
                </xs:element>
                <xs:element name="value"
minOccurs="0" type="oe:DV_TEXT" />
                <xs:element name="null_flavour"
type="oe:DV_CODED_TEXT" minOccurs="0" />
            </xs:sequence>
            <xs:attribute fixed="at0002"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
            <xs:attribute fixed="ELEMENT"
name="type" use="required" />
            <xs:attribute name="valueType"
use="required" fixed="DV_TEXT" />
        </xs:complexType>
    </xs:element>
    </xs:sequence>
    <xs:attribute fixed="at0001"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
    <xs:attribute fixed="ITEM_TREE" name="type"
use="required" />
</xs:complexType>
</xs:element>
</xs:sequence>

```

```

        <xs:attribute fixed="openEHR-EHR-
EVALUATION.problem.v1" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
        <xs:attribute fixed="EVALUATION" name="type"
use="required" />
    </xs:complexType>
</xs:element>
<xs:element name="Significant_Medications"
minOccurs="0" maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="name">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="value" type="xs:string"
fixed="Significant Medications" />
                        <xs:element name="defining_code"
type="oe:CODE_PHRASE" minOccurs="0" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="uid" type="oe:UID_BASED_ID"
minOccurs="0" maxOccurs="1" />
            <xs:element name="language">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="terminology_id">
                            <xs:complexType>
                                <xs:sequence>
                                    <xs:element name="value"
fixed="ISO_639-1" type="xs:token" />
                                </xs:sequence>
                            </xs:complexType>
                        </xs:element>
                        <xs:element name="code_string"
default="en" type="xs:string" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="encoding">
                <xs:complexType>
                    <xs:sequence>
                        <xs:element name="terminology_id">
                            <xs:complexType>
                                <xs:sequence>
                                    <xs:element name="value"
fixed="IANA" type="xs:token" />
                                </xs:sequence>
                            </xs:complexType>
                        </xs:element>
                        <xs:element name="code_string"
default="utf-8" type="xs:string" />
                    </xs:sequence>
                </xs:complexType>
            </xs:element>
            <xs:element name="subject" type="oe:PARTY_SELF"
/>
            <xs:element name="provider"
type="oe:PARTY_IDENTIFIED" minOccurs="0" maxOccurs="1" />
            <xs:element name="other_participations"
type="oe:PARTICIPATION" minOccurs="0" maxOccurs="unbounded" />

```

```

        <xs:element name="time" type="oe:DV_DATE_TIME"
/>
        <xs:element name="description">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="Medication_description"
minOccurs="0" maxOccurs="unbounded">
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element name="name">
                                    <xs:complexType>
                                        <xs:sequence>
                                            <xs:element name="value"
type="xs:string" default="Medication description" />
                                        <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                                        </xs:sequence>
                                    </xs:complexType>
                                </xs:element>
                                <xs:element
name="Name_of_medication" minOccurs="1" maxOccurs="unbounded">
                                    <xs:complexType>
                                        <xs:sequence>
                                            <xs:element name="name">
                                                <xs:complexType>
                                                    <xs:sequence>
                                                        <xs:element name="value"
type="xs:string" default="Name of medication" />
                                                    <xs:element
name="defining_code" type="oe:CODE_PHRASE" minOccurs="0" />
                                                    </xs:sequence>
                                                </xs:complexType>
                                            </xs:element>
                                            <xs:element name="value"
minOccurs="0" type="oe:DV_TEXT" />
                                            <xs:element
name="null_flavour" type="oe:DV_CODED_TEXT" minOccurs="0" />
                                            </xs:sequence>
                                        </xs:complexType>
                                    </xs:element>
                                <xs:attribute fixed="at0001"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
                                <xs:attribute fixed="ELEMENT"
name="type" use="required" />
                                <xs:attribute name="valueType"
use="required" fixed="DV_TEXT" />
                            </xs:sequence>
                        </xs:complexType>
                    </xs:element>
                </xs:sequence>
                <xs:attribute fixed="openEHR-EHR-
ITEM_TREE.medication.v1" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
                <xs:attribute fixed="ITEM_TREE"
name="type" use="required" />
            </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="instruction_details"
minOccurs="0" maxOccurs="1">
    <xs:complexType>
        <xs:sequence>

```

```

                                <xs:element name="instruction_id"
type="oe:LOCATABLE_REF" />
                                <xs:element name="activity_id"
type="xs:string" />
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="ism_transition">
                                <xs:complexType>
                                <xs:sequence>
                                <xs:element name="current_state"
type="oe:DV_CODED_TEXT" />
                                </xs:sequence>
                                </xs:complexType>
                                </xs:element>
                                <xs:element name="instruction_id" />
                                <xs:element name="activity_id" type="xs:string"
/>
                                </xs:sequence>
                                <xs:attribute fixed="openEHR-EHR-
ACTION.medication.v1" name="archetype_node_id" type="oe:archetypeNodeId"
use="required" />
                                <xs:attribute fixed="ACTION" name="type"
use="required" />
                                </xs:complexType>
                                </xs:element>
                                </xs:sequence>
                                <xs:attribute fixed="at0004" name="archetype_node_id"
type="oe:archetypeNodeId" use="required" />
                                <xs:attribute fixed="SECTION" name="type" use="required"
/>
                                </xs:complexType>
                                </xs:element>
                                </xs:sequence>
                                <xs:attribute fixed="openEHR-EHR-SECTION.vacis_assessment.v1"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
                                <xs:attribute fixed="SECTION" name="type" use="required" />
                                </xs:complexType>
                                </xs:element>
                                </xs:sequence>
                                <xs:attribute fixed="openEHR-EHR-COMPOSITION.encounter.v1"
name="archetype_node_id" type="oe:archetypeNodeId" use="required" />
                                <xs:attribute fixed="COMPOSITION" name="type" use="required" />
                                <xs:attribute fixed="MIST" name="template_id" use="required" />
                                </xs:complexType>
                                </xs:element>
</xs:schema>

```