

# Schema documentation for Syopaseulonnat.xsd

june 26, 2018

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**Namespace: ""****Schema(s)****Main schema Syopaseulonnat.xsd**

Namespace	No namespace
Properties	attribute form default: unqualified
	element form default: unqualified

**Element(s)****Element FCR\_CancerScreening**

Namespace	No namespace
Diagram	<pre> graph LR     FCR_CancerScreening --&gt; Schema_name     FCR_CancerScreening --&gt; Schema_version     FCR_CancerScreening --&gt; Transmitter_OID     FCR_CancerScreening --&gt; File_creation_timestamp     FCR_CancerScreening --&gt; Person     Schema_name --&gt; S1[Schema_name]     Schema_name --&gt; S1_Type[Type xs:string]     Schema_version --&gt; S2[Schema_version]     Schema_version --&gt; S2_Type[Type xs:string]     Transmitter_OID --&gt; T1[Transmitter_OID]     Transmitter_OID --&gt; T1_Type[Type Restriction of 'xs:string']     File_creation_timestamp --&gt; F1[File_creation_timestamp]     File_creation_timestamp --&gt; F1_Type[Type xs:dateTime]     Person --&gt; P1[Person]     P1 --&gt; P1_Type[Type xs:string]     P1 --&gt; P1_Pattern[Pattern '[0-9][0-9][0-9][0-9][0-9][0-9][+-A][0-9][0-9][0-9][0-9A-FHJ-NP-Y]' ]     </pre>
Properties	content: complex
Model	Schema_name , Schema_version , Transmitter_OID , File_creation_timestamp , Person+
Children	File_creation_timestamp, Person, Schema_name, Schema_version, Transmitter_OID
Instance	<pre> &lt;FCR_CancerScreening&gt;   &lt;Schema_name&gt;{1,1}&lt;/Schema_name&gt;   &lt;Schema_version&gt;{1,1}&lt;/Schema_version&gt;   &lt;Transmitter_OID&gt;{1,1}&lt;/Transmitter_OID&gt;   &lt;File_creation_timestamp&gt;{1,1}&lt;/File_creation_timestamp&gt;   &lt;Person&gt;{1,unbounded}&lt;/Person&gt; &lt;/FCR_CancerScreening&gt; </pre>
Source	<pre> &lt;xs:element name="FCR_CancerScreening"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Schema_name" type="xs:string"/&gt;       &lt;xs:element name="Schema_version" type="xs:string"/&gt;       &lt;xs:element name="Transmitter_OID" minOccurs="1" maxOccurs="1" nillable="true"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="64"/&gt;             &lt;xs:pattern value="([0-9.])*/"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="File_creation_timestamp" minOccurs="1" maxOccurs="1" type="xs:dateTime"/&gt;       &lt;!-- Person start --&gt;       &lt;xs:element name="Person" minOccurs="1" maxOccurs="unbounded"&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element name="Personal_identity_code" minOccurs="1" maxOccurs="1"&gt;               &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:token"&gt;                   &lt;xs:length value="11"/&gt;                   &lt;xs:pattern value="[0-9][0-9][0-9][0-9][0-9][0-9][+-A][0-9][0-9][0-9][0-9A-FHJ-NP-Y]"/&gt;                 &lt;/xs:restriction&gt;               &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;             &lt;xs:element name="Surname" minOccurs="1" maxOccurs="1" nillable="true"&gt;               &lt;xs:simpleType&gt;                 &lt;xs:restriction base="xs:string"&gt;                   &lt;xs:maxLength value="64"/&gt;                 &lt;/xs:restriction&gt;               &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

```

<xs:element name="Firstnames" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="64"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Municipality" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:length value="3"/>
      <xs:pattern value="([0-9])*/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Language_code" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:length value="2"/>
      <xs:pattern value="([0-9a-z])*/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<!-- Address -->
<xs:element name="Address" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType mixed="true">
    <xs:sequence>
      <xs:element name="Address_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Street_address" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Postal_code" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:token">
            <xs:length value="5"/>
            <xs:pattern value="([0-9])*/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="City" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Start_date" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:date"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="End_date" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:date"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<!-- Screening -->
<xs:element name="Screening" minOccurs="1" maxOccurs="unbounded">

```

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="Screening_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
    <xs:element name="Screening_id" minOccurs="1" maxOccurs="1" nillable="true">
      <xs:simpleType>
        <xs:union>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="0"/>
            </xs:restriction>
          </xs:simpleType>
          <xs:simpleType>
            <xs:restriction base="xs:int"/>
          </xs:simpleType>
        </xs:union>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Screening_year" minOccurs="1" maxOccurs="1" type="xs:int"/>
    <xs:element name="Screening_municipality" minOccurs="1" maxOccurs="1">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:length value="3"/>
          <xs:pattern value="[0-9]*/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Health_area_code" minOccurs="1" maxOccurs="1" nillable="true">
      <xs:simpleType>
        <xs:union>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="0"/>
            </xs:restriction>
          </xs:simpleType>
          <xs:simpleType>
            <xs:restriction base="xs:int"/>
          </xs:simpleType>
        </xs:union>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Screening_laboratory_id" minOccurs="1" maxOccurs="1"
nillable="true">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="64"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Laboratory_screening_id" minOccurs="1" maxOccurs="1"
nillable="true">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="40"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Service_incident_id" minOccurs="1" maxOccurs="1"
nillable="true">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="64"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Screening_reason_code" minOccurs="1" maxOccurs="1"
type="xs:int"/>
    <xs:element name="Planned_screening_method_code" minOccurs="1" maxOccurs="1"
nillable="true">
      <xs:simpleType>
        <xs:union>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="0"/>
            </xs:restriction>
          </xs:simpleType>
          <xs:simpleType>
            <xs:restriction base="xs:int"/>
          </xs:simpleType>
        </xs:union>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Screening_process_status" minOccurs="1" maxOccurs="1"
type="xs:int"/>

```

```

>
<xs:element name="Screening_error_code" minOccurs="1" maxOccurs="1" type="xs:int"/
<!-- Invitation -->
<xs:element name="Invitation" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Invitation_id" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="40"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Invitation_type_code" minOccurs="1" maxOccurs="1"
type="xs:int"/>
      <xs:element name="Invitation_creation_date" minOccurs="1" maxOccurs="1"
type="xs:date"/>
      <xs:element name="Suggested_control_time" minOccurs="1" maxOccurs="1"
type="xs:dateTime" nillable="true"/>
      <xs:element name="Cancellation_reason" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <!-- Notice -->
      <xs:element name="Notice" minOccurs="0" maxOccurs="unbounded">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Notice_type" minOccurs="1" maxOccurs="1"
type="xs:int"/>
            <xs:element name="Notice_date" minOccurs="1" maxOccurs="1"
type="xs:date" nillable="false"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
      <!-- Control -->
      <xs:element name="Control" minOccurs="0" maxOccurs="unbounded">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Control_id" minOccurs="1" maxOccurs="1">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="40"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Laboratory_id" minOccurs="1" maxOccurs="1"
nillable="false">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="64"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Control_municipality" minOccurs="1" maxOccurs="1">
              <xs:simpleType>
                <xs:restriction base="xs:token">
                  <xs:length value="3"/>
                  <xs:pattern value="([0-9])*/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Control_date" minOccurs="1" maxOccurs="1"
type="xs:date"/>
            <xs:element name="Control_type" minOccurs="1" maxOccurs="1"
type="xs:int"/>
            <xs:element name="Control_status_code" minOccurs="1" maxOccurs="1"
type="xs:int"/>
            <xs:element name="Control_status_decision_name" minOccurs="1"
maxOccurs="1" nillable="true">
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:maxLength value="64"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <!-- Preliminary Info -->
    <xs:element name="Preliminary_info" minOccurs="0" maxOccurs="1">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="Preliminary_info_type" minOccurs="1"
maxOccurs="1" type="xs:int"/>
          <xs:element name="Preliminary_info_code" minOccurs="1"
maxOccurs="1" nillable="true">
            <xs:simpleType>
              <xs:union>
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                  </xs:restriction>
                </xs:simpleType>
                <xs:simpleType>
                  <xs:restriction base="xs:int"/>
                </xs:simpleType>
              </xs:union>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Preliminary_info_boolean" minOccurs="1"
maxOccurs="1" nillable="true">
            <xs:simpleType>
              <xs:union>
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                  </xs:restriction>
                </xs:simpleType>
                <xs:simpleType>
                  <xs:restriction base="xs:int">
                    <xs:minInclusive value="0"/>
                    <xs:maxInclusive value="1"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:union>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Preliminary_info_value" minOccurs="1"
maxOccurs="1" nillable="true">
            <xs:simpleType>
              <xs:union>
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                  </xs:restriction>
                </xs:simpleType>
                <xs:simpleType>
                  <xs:restriction base="xs:int"/>
                </xs:simpleType>
              </xs:union>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Preliminary_info_decimal" minOccurs="1"
maxOccurs="1" nillable="true">
            <xs:simpleType>
              <xs:union>
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                  </xs:restriction>
                </xs:simpleType>
                <xs:simpleType>
                  <xs:restriction base="xs:decimal"/>
                </xs:simpleType>
              </xs:union>
            </xs:simpleType>
          </xs:element>
          <xs:element name="Preliminary_info_date" minOccurs="1"
maxOccurs="1" type="xs:date" nillable="true"/>
          <xs:element name="Preliminary_info_text" minOccurs="1"
maxOccurs="1" nillable="true">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:maxLength value="1024"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>

```

```

    </xs:complexType>
  </xs:element>
  <!-- Sample -->
  <xs:element name="Sample" minOccurs="0" maxOccurs="unbounded">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Sample_id" minOccurs="1" maxOccurs="1">
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:maxLength value="40"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="Sample_type" minOccurs="1" maxOccurs="1">
          <xs:simpleType>
            <xs:union>
              <xs:simpleType>
                <xs:restriction base="xs:string">
                  <xs:length value="0"/>
                </xs:restriction>
              </xs:simpleType>
              <xs:simpleType>
                <xs:restriction base="xs:int">
                  <xs:minInclusive value="0"/>
                  <xs:maxInclusive value="1"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:union>
          </xs:simpleType>
        </xs:element>
        <xs:element name="Sample_date" minOccurs="1" maxOccurs="1">
          <xs:simpleType>
            <xs:restriction base="xs:date"/>
          </xs:simpleType>
        </xs:element>
        <xs:element name="Sample_tool" minOccurs="1" maxOccurs="1">
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:maxLength value="11"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <!-- Analysis -->
        <xs:element name="Analysis" minOccurs="0" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="Analysis_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
              <xs:element name="Analysis_code" minOccurs="1" maxOccurs="1" nillable="true">
                <xs:simpleType>
                  <xs:union>
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:length value="0"/>
                      </xs:restriction>
                    </xs:simpleType>
                    <xs:simpleType>
                      <xs:restriction base="xs:int"/>
                    </xs:simpleType>
                  </xs:union>
                </xs:simpleType>
              </xs:element>
              <xs:element name="Analysis_boolean" minOccurs="1" maxOccurs="1" nillable="true">
                <xs:simpleType>
                  <xs:union>
                    <xs:simpleType>
                      <xs:restriction base="xs:string">
                        <xs:length value="0"/>
                      </xs:restriction>
                    </xs:simpleType>
                    <xs:simpleType>
                      <xs:restriction base="xs:int">
                        <xs:minInclusive value="0"/>
                        <xs:maxInclusive value="1"/>
                      </xs:restriction>
                    </xs:simpleType>
                  </xs:union>
                </xs:simpleType>
              </xs:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

```



```

maxOccurs="1" nillable="true">
    </xs:simpleType>
</xs:element>
<xs:element name="Analysis_value" minOccurs="1"
    <xs:simpleType>
        <xs:union>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
                <xs:restriction base="xs:int"/>
            </xs:simpleType>
        </xs:union>
    </xs:simpleType>
</xs:element>
<xs:element name="Analysis_decimal" minOccurs="1"
    <xs:simpleType>
        <xs:union>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
                <xs:restriction base="xs:decimal"/>
            </xs:simpleType>
        </xs:union>
    </xs:simpleType>
</xs:element>
<xs:element name="Analysis_text" minOccurs="1"
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="32000"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Analysis_date" minOccurs="1"
    <xs:element name="Analyst_doer" minOccurs="1"
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="11"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Analyst_org" minOccurs="1" maxOccurs="1"
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
            <xs:pattern value="([0-9.])*/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<!-- Result -->
<xs:element name="Result" minOccurs="0" maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Result_type" minOccurs="1" maxOccurs="1"
                type="xs:int"/>
            <xs:element name="Result_code" minOccurs="1" maxOccurs="1"
                <xs:simpleType>
                    <xs:union>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:length value="0"/>
                            </xs:restriction>
                        </xs:simpleType>
                        <xs:simpleType>
                            <xs:restriction base="xs:int"/>
                        </xs:simpleType>
                    </xs:union>
                </xs:simpleType>
            </xs:sequence>
        </xs:element>

```

```

maxOccurs="1" nillable="true">
    <xs:element name="Result_boolean" minOccurs="1"
    <xs:simpleType>
    <xs:union>
    <xs:simpleType>
    <xs:restriction base="xs:string">
    <xs:length value="0"/>
    </xs:restriction>
    </xs:simpleType>
    <xs:simpleType>
    <xs:restriction base="xs:int">
    <xs:minInclusive value="0"/>
    <xs:maxInclusive value="1"/>
    </xs:restriction>
    </xs:simpleType>
    </xs:union>
    </xs:simpleType>
</xs:element>
maxOccurs="1" nillable="true">
    <xs:element name="Result_value" minOccurs="1"
    <xs:simpleType>
    <xs:union>
    <xs:simpleType>
    <xs:restriction base="xs:string">
    <xs:length value="0"/>
    </xs:restriction>
    </xs:simpleType>
    <xs:simpleType>
    <xs:restriction base="xs:int"/>
    </xs:simpleType>
    </xs:union>
    </xs:simpleType>
</xs:element>
maxOccurs="1" nillable="true">
    <xs:element name="Result_decimal" minOccurs="1"
    <xs:simpleType>
    <xs:union>
    <xs:simpleType>
    <xs:restriction base="xs:string">
    <xs:length value="0"/>
    </xs:restriction>
    </xs:simpleType>
    <xs:simpleType>
    <xs:restriction base="xs:decimal"/>
    </xs:simpleType>
    </xs:union>
    </xs:simpleType>
</xs:element>
nillable="true">
    <xs:element name="Result_text" minOccurs="1" maxOccurs="1"
    <xs:simpleType>
    <xs:restriction base="xs:string">
    <xs:maxLength value="32000"/>
    </xs:restriction>
    </xs:simpleType>
</xs:element>
type="xs:date"/>
maxOccurs="1">
    <xs:element name="Result_doer" minOccurs="1"
    <xs:simpleType>
    <xs:restriction base="xs:string">
    <xs:maxLength value="11"/>
    </xs:restriction>
    </xs:simpleType>
</xs:element>
maxOccurs="1" nillable="true">
    <xs:element name="Result_diag_codeset" minOccurs="1"
    <xs:simpleType>
    <xs:union>
    <xs:simpleType>
    <xs:restriction base="xs:string">
    <xs:length value="0"/>
    </xs:restriction>
    </xs:simpleType>
    <xs:simpleType>
    <xs:restriction base="xs:int"/>
    </xs:simpleType>
    </xs:union>
    </xs:simpleType>
</xs:element>
nillable="true">
    <xs:element name="Result_diag" minOccurs="1" maxOccurs="1"

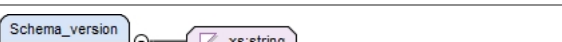
```

[illegible]

## Element FCR\_CancerScreening / Schema\_name

Namespace	No namespace
Diagram	<p>UML diagram showing a class <code>Schema_name</code> with a <code>Type</code> attribute of type <code>xs:string</code>. A callout box explains that <code>xs:string</code> is a built-in primitive type. The string datatype represents character strings in XML.</p>
Type	<code>xs:string</code>
Properties	content: simple
Source	<code>&lt;xs:element name="Schema_name" type="xs:string" /&gt;</code>

## Element FCR\_CancerScreening / Schema\_version

Namespace	No namespace
Diagram	
Type	xs:string
Properties	content: simple
Source	<code>&lt;xs:element name="Schema_version" type="xs:string"/&gt;</code>

Element	FCR	CancerScreening	Transmitter	OID
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9
10	10	10	10	10
11	11	11	11	11
12	12	12	12	12
13	13	13	13	13
14	14	14	14	14
15	15	15	15	15
16	16	16	16	16
17	17	17	17	17
18	18	18	18	18
19	19	19	19	19
20	20	20	20	20
21	21	21	21	21
22	22	22	22	22
23	23	23	23	23
24	24	24	24	24
25	25	25	25	25
26	26	26	26	26
27	27	27	27	27
28	28	28	28	28
29	29	29	29	29
30	30	30	30	30
31	31	31	31	31
32	32	32	32	32
33	33	33	33	33
34	34	34	34	34
35	35	35	35	35
36	36	36	36	36
37	37	37	37	37
38	38	38	38	38
39	39	39	39	39
40	40	40	40	40
41	41	41	41	41
42	42	42	42	42
43	43	43	43	43
44	44	44	44	44
45	45	45	45	45
46	46	46	46	46
47	47	47	47	47
48	48	48	48	48
49	49	49	49	49
50	50	50	50	50
51	51	51	51	51
52	52	52	52	52
53	53	53	53	53
54	54	54	54	54
55	55	55	55	55
56	56	56	56	56
57	57	57	57	57
58	58	58	58	58
59	59	59	59	59
60	60	60	60	60
61	61	61	61	61
62	62	62	62	62
63	63	63	63	63
64	64	64	64	64
65	65	65	65	65
66	66	66	66	66
67	67	67	67	67
68	68	68	68	68
69	69	69	69	69
70	70	70	70	70
71	71	71	71	71
72	72	72	72	72
73	73	73	73	73
74	74	74	74	74
75	75	75	75	75
76	76	76	76	76
77	77	77	77	77
78	78	78	78	78
79	79	79	79	79
80	80	80	80	80
81	81	81	81	81
82	82	82	82	82
83	83	83	83	83
84	84	84	84	84
85	85	85	85	85
86	86	86	86	86
87	87	87	87	

Namespace	No namespace						
Diagram							
Type	restriction of xs:string						
Properties	<table border="1"> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						

	nillable:	true
Facets	maxLength	64
	pattern	([0-9.])*
Source	<pre>&lt;xs:element name="Transmitter_OID" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="64"/&gt;       &lt;xs:pattern value="([0-9.])+"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>	

## Element FCR\_CancerScreening / File\_creation\_timestamp

Namespace	No namespace	
Diagram		
Type	xs:dateTime	
Properties	content:	simple
	minOccurs:	1
	maxOccurs:	1
Source	<pre>&lt;xs:element name="File_creation_timestamp" minOccurs="1" maxOccurs="1" type="xs:dateTime"/&gt;</pre>	

## Element FCR\_CancerScreening / Person

Namespace	No namespace	
Diagram		
Properties	content:	complex
	minOccurs:	1
	maxOccurs:	unbounded
Model	Personal_identity_code , Surname , Firstnames , Municipality , Language_code , Address* , Screening+	
Children	Address, Firstnames, Language_code, Municipality, Personal_identity_code, Screening, Surname	
Instance	<pre>&lt;Person&gt;   &lt;Personal_identity_code&gt;{1,1}&lt;/Personal_identity_code&gt;   &lt;Surname&gt;{1,1}&lt;/Surname&gt;   &lt;Firstnames&gt;{1,1}&lt;/Firstnames&gt;   &lt;Municipality&gt;{1,1}&lt;/Municipality&gt;   &lt;Language_code&gt;{1,1}&lt;/Language_code&gt;   &lt;Address&gt;{0,unbounded}&lt;/Address&gt;   &lt;Screening&gt;{1,unbounded}&lt;/Screening&gt; &lt;/Person&gt;</pre>	
Source	<pre>&lt;xs:element name="Person" minOccurs="1" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Personal_identity_code" minOccurs="1" maxOccurs="1"&gt;         &lt;xs:simpleType&gt;</pre>	

```

        <xs:restriction base="xs:token">
            <xs:length value="11"/>
            <xs:pattern value="[0-9][0-9][0-9][0-9][0-9][0-9][+-A][0-9][0-9][0-9][0-9A-FHJ-NP-Y]"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Surname" minOccurs="1" maxOccurs="1" nillable="true">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Firstnames" minOccurs="1" maxOccurs="1" nillable="true">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Municipality" minOccurs="1" maxOccurs="1">
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:length value="3"/>
            <xs:pattern value="([0-9])*/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Language_code" minOccurs="1" maxOccurs="1">
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:length value="2"/>
            <xs:pattern value="([0-9a-z])*/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<!-- Address -->
<xs:element name="Address" minOccurs="0" maxOccurs="unbounded">
    <xs:complexType mixed="true">
        <xs:sequence>
            <xs:element name="Address_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
            <xs:element name="Street_address" minOccurs="1" maxOccurs="1" nillable="true">
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="64"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Postal_code" minOccurs="1" maxOccurs="1">
                <xs:simpleType>
                    <xs:restriction base="xs:token">
                        <xs:length value="5"/>
                        <xs:pattern value="([0-9])*/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="City" minOccurs="1" maxOccurs="1" nillable="true">
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="64"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Start_date" minOccurs="1" maxOccurs="1">
                <xs:simpleType>
                    <xs:union>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:length value="0"/>
                            </xs:restriction>
                        </xs:simpleType>
                        <xs:simpleType>
                            <xs:restriction base="xs:date"/>
                        </xs:simpleType>
                    </xs:union>
                </xs:simpleType>
            </xs:element>
            <xs:element name="End_date" minOccurs="1" maxOccurs="1">
                <xs:simpleType>
                    <xs:union>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:length value="0"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:union>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>

```

```

        </xs:restriction>
      </xs:simpleType>
    </xs:simpleType>
    <xs:restriction base="xs:date"/>
  </xs:simpleType>
</xs:union>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<!-- Screening -->
<xs:element name="Screening" minOccurs="1" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Screening_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Screening_id" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Screening_year" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Screening_municipality" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:token">
            <xs:length value="3"/>
            <xs:pattern value="[0-9]*/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Health_area_code" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Screening_laboratory_id" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Laboratory_screening_id" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="40"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Service_incident_id" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Screening_reason_code" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Planned_screening_method_code" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>

```

```

        </xs:simpleType>
        <xs:simpleType>
            <xs:restriction base="xs:int" />
        </xs:simpleType>
    </xs:union>
</xs:simpleType>
</xs:element>
<xs:element name="Screening_process_status" minOccurs="1" maxOccurs="1" type="xs:int"/>
<xs:element name="Screening_error_code" minOccurs="1" maxOccurs="1" type="xs:int"/>
<!-- Invitation -->
<xs:element name="Invitation" minOccurs="0" maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Invitation_id" minOccurs="1" maxOccurs="1">
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="40"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Invitation_type_code" minOccurs="1" maxOccurs="1" type="xs:int"/>
        </xs:sequence>
        <xs:element name="Invitation_creation_date" minOccurs="1" maxOccurs="1"
type="xs:date"/>
        <xs:element name="Suggested_control_time" minOccurs="1" maxOccurs="1"
type="xs:dateTime" nillable="true"/>
        <xs:element name="Cancellation_reason" minOccurs="1" maxOccurs="1"
nillable="true">
            <xs:simpleType>
                <xs:union>
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:length value="0"/>
                        </xs:restriction>
                    </xs:simpleType>
                    <xs:simpleType>
                        <xs:restriction base="xs:int" />
                    </xs:simpleType>
                </xs:union>
            </xs:simpleType>
        </xs:element>
        <!-- Notice -->
        <xs:element name="Notice" minOccurs="0" maxOccurs="unbounded">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="Notice_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
                    <xs:element name="Notice_date" minOccurs="1" maxOccurs="1" type="xs:date"
nillable="false"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <!-- Control -->
        <xs:element name="Control" minOccurs="0" maxOccurs="unbounded">
            <xs:complexType>
                <xs:sequence>
                    <xs:element name="Control_id" minOccurs="1" maxOccurs="1">
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:maxLength value="40"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>
                    <xs:element name="Laboratory_id" minOccurs="1" maxOccurs="1"
nillable="false">
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:maxLength value="64"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>
                    <xs:element name="Control_municipality" minOccurs="1" maxOccurs="1">
                        <xs:simpleType>
                            <xs:restriction base="xs:token">
                                <xs:length value="3"/>
                                <xs:pattern value="([0-9])*/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>
                    <xs:element name="Control_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
                    <xs:element name="Control_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
                    <xs:element name="Control_status_code" minOccurs="1" maxOccurs="1"
type="xs:int"/>

```

```

nillable="true">
    <xs:element name="Control_status_decision_name" minOccurs="1" maxOccurs="1"
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="64"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <!-- Preliminary Info -->
    <xs:element name="Preliminary_info" minOccurs="0" maxOccurs="1">
        <xs:complexType>
            <xs:sequence>
                <xs:element name="Preliminary_info_type" minOccurs="1" maxOccurs="1"
                    type="xs:int"/>
                <xs:element name="Preliminary_info_code" minOccurs="1" maxOccurs="1"
                    nillable="true">
                        <xs:simpleType>
                            <xs:union>
                                <xs:simpleType>
                                    <xs:restriction base="xs:string">
                                        <xs:length value="0"/>
                                    </xs:restriction>
                                </xs:simpleType>
                                <xs:simpleType>
                                    <xs:restriction base="xs:int"/>
                                </xs:simpleType>
                            </xs:union>
                        </xs:simpleType>
                    </xs:element>
                    <xs:element name="Preliminary_info_boolean" minOccurs="1"
                        maxOccurs="1" nillable="true">
                            <xs:simpleType>
                                <xs:union>
                                    <xs:simpleType>
                                        <xs:restriction base="xs:string">
                                            <xs:length value="0"/>
                                        </xs:restriction>
                                    </xs:simpleType>
                                    <xs:simpleType>
                                        <xs:restriction base="xs:int">
                                            <xs:minInclusive value="0"/>
                                            <xs:maxInclusive value="1"/>
                                        </xs:restriction>
                                    </xs:simpleType>
                                </xs:union>
                            </xs:simpleType>
                        </xs:element>
                        <xs:element name="Preliminary_info_value" minOccurs="1" maxOccurs="1"
                            nillable="true">
                                <xs:simpleType>
                                    <xs:union>
                                        <xs:simpleType>
                                            <xs:restriction base="xs:string">
                                                <xs:length value="0"/>
                                            </xs:restriction>
                                        </xs:simpleType>
                                        <xs:simpleType>
                                            <xs:restriction base="xs:int"/>
                                        </xs:simpleType>
                                    </xs:union>
                                </xs:simpleType>
                            </xs:element>
                            <xs:element name="Preliminary_info_decimal" minOccurs="1"
                                maxOccurs="1" nillable="true">
                                    <xs:simpleType>
                                        <xs:union>
                                            <xs:simpleType>
                                                <xs:restriction base="xs:string">
                                                    <xs:length value="0"/>
                                                </xs:restriction>
                                            </xs:simpleType>
                                            <xs:simpleType>
                                                <xs:restriction base="xs:decimal"/>
                                            </xs:simpleType>
                                        </xs:union>
                                    </xs:simpleType>
                                </xs:element>
                                <xs:element name="Preliminary_info_date" minOccurs="1" maxOccurs="1"
                                    type="xs:date" nillable="true"/>
                                <xs:element name="Preliminary_info_text" minOccurs="1" maxOccurs="1"
                                    nillable="true">
                                        <xs:simpleType>
                                            <xs:restriction base="xs:string">

```



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        <xs:maxLength value="1024"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<!-- Sample -->
<xs:element name="Sample" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Sample_id" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="40"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Sample_type" minOccurs="1" maxOccurs="1"
type="xs:int"/>
      <xs:element name="Sample_tool" minOccurs="1" maxOccurs="1"
type="xs:int"/>
      <xs:element name="Sample_laterality" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int">
                <xs:minInclusive value="0"/>
                <xs:maxInclusive value="1"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Sample_date" minOccurs="1" maxOccurs="1"
type="xs:date"/>
      <xs:element name="Sample_success" minOccurs="1" maxOccurs="1"
type="xs:int"/>
      <xs:element name="Sample_doer" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="11"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <!-- Analysis -->
      <xs:element name="Analysis" minOccurs="0" maxOccurs="unbounded">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Analysis_type" minOccurs="1" maxOccurs="1"
type="xs:int"/>
            <xs:element name="Analysis_code" minOccurs="1" maxOccurs="1"
nillable="true">
              <xs:simpleType>
                <xs:union>
                  <xs:simpleType>
                    <xs:restriction base="xs:string">
                      <xs:length value="0"/>
                    </xs:restriction>
                  </xs:simpleType>
                  <xs:simpleType>
                    <xs:restriction base="xs:int"/>
                  </xs:simpleType>
                </xs:union>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Analysis_boolean" minOccurs="1" maxOccurs="1"
nillable="true">
              <xs:simpleType>
                <xs:union>
                  <xs:simpleType>
                    <xs:restriction base="xs:string">
                      <xs:length value="0"/>
                    </xs:restriction>
                  </xs:simpleType>
                  <xs:simpleType>
                    <xs:restriction base="xs:int">

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        <xs:minInclusive value="0"/>
        <xs:maxInclusive value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:union>
</xs:simpleType>
</xs:element>
<xs:element name="Analysis_value" minOccurs="1" maxOccurs="1"
nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Analysis_decimal" minOccurs="1" maxOccurs="1"
nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:decimal"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Analysis_text" minOccurs="1" maxOccurs="1"
nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="32000"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Analysis_date" minOccurs="1" maxOccurs="1"
type="xs:date"/>
<xs:element name="Analyst_doer" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="11"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Analyst_org" minOccurs="1" maxOccurs="1"
nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="64"/>
      <xs:pattern value="([0-9.])*/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<!-- Result -->
<xs:element name="Result" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Result_type" minOccurs="1" maxOccurs="1"
type="xs:int"/>
      <xs:element name="Result_code" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

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        </xs:simpleType>
      </xs:union>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Result_boolean" minOccurs="1" maxOccurs="1"
nillable="true">
    <xs:simpleType>
      <xs:union>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="0"/>
          </xs:restriction>
        </xs:simpleType>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="0"/>
            <xs:maxInclusive value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:union>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Result_value" minOccurs="1" maxOccurs="1"
nillable="true">
    <xs:simpleType>
      <xs:union>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="0"/>
          </xs:restriction>
        </xs:simpleType>
        <xs:simpleType>
          <xs:restriction base="xs:int"/>
        </xs:simpleType>
      </xs:union>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Result_decimal" minOccurs="1" maxOccurs="1"
nillable="true">
    <xs:simpleType>
      <xs:union>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="0"/>
          </xs:restriction>
        </xs:simpleType>
        <xs:simpleType>
          <xs:restriction base="xs:decimal"/>
        </xs:simpleType>
      </xs:union>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Result_text" minOccurs="1" maxOccurs="1"
nillable="true">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="32000"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Result_date" minOccurs="1" maxOccurs="1"
type="xs:date"/>
  <xs:element name="Result_doer" minOccurs="1" maxOccurs="1">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="11"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Result_diag_codeset" minOccurs="1"
maxOccurs="1" nillable="true">
    <xs:simpleType>
      <xs:union>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="0"/>
          </xs:restriction>
        </xs:simpleType>
        <xs:simpleType>
          <xs:restriction base="xs:int"/>
        </xs:simpleType>
      </xs:union>
    </xs:simpleType>
  </xs:element>

```

```
</xs:element>
<xs:element name="Result_diag" minOccurs="1" maxOccurs="1"
nillable="true">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="12"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Result_org" minOccurs="1" maxOccurs="1"
nillable="true">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
            <xs:pattern value="([0-9.]*)"/>
        </xs:restriction>
    </xs:simpleType>
</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>
</xs:sequence>
</xs:complexType>
</xs:element>
```

Element FCR\_CancerScreening / Person / Personal\_identity\_code

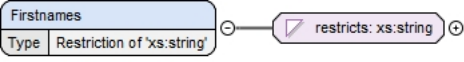
Namespace	No namespace						
Diagram	<p>The diagram shows a blue box labeled 'Personal_identity_code' with 'Type' and 'Restriction of 'xs:token'' below it. A line connects this box to a rounded rectangle labeled 'restricts: xs:token'.</p>						
Type	restriction of xs:token						
Properties	<table border="1"> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Facets	<table border="1"> <tr> <td>length</td><td>11</td></tr> <tr> <td>pattern</td><td>           [0-9][0-9][0-9][0-9][0-9]            [0-9][+-A][0-9][0-9][0-9]            [0-9A-FHJ-NP-Y]         </td></tr> </table>	length	11	pattern	[0-9][0-9][0-9][0-9][0-9] [0-9][+-A][0-9][0-9][0-9] [0-9A-FHJ-NP-Y]		
length	11						
pattern	[0-9][0-9][0-9][0-9][0-9] [0-9][+-A][0-9][0-9][0-9] [0-9A-FHJ-NP-Y]						
Source	<pre>&lt;xs:element name="Personal_identity_code" minOccurs="1" maxOccurs="1"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:length value="11"/&gt;       &lt;xs:pattern value="[0-9][0-9][0-9][0-9][0-9][0-9][+-A][0-9][0-9][0-9][0-9A-FHJ-NP-Y]"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>						

Element FCR\_CancerScreening / Person / Surname

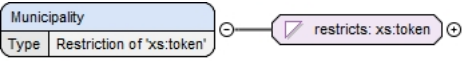
Namespace	No namespace						
Diagram	<pre> classDiagram     class Surname {         Type Restriction of 'xs:string'     }     Surname --&gt; "restricts: xs:string"     </pre>						
Type	restriction of xs:string						
Properties	<table border="1"> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						

	nillable:	true
Facets	maxLength	64
Source	<pre>&lt;xs:element name="Surname" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="64"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>	

### Element FCR\_CancerScreening / Person / Firstnames

Namespace	No namespace	
Diagram		
Type	restriction of xs:string	
Properties	content:	simple
	minOccurs:	1
	maxOccurs:	1
	nillable:	true
Facets	maxLength	64
Source	<pre>&lt;xs:element name="Firstnames" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="64"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>	

### Element FCR\_CancerScreening / Person / Municipality

Namespace	No namespace	
Diagram		
Type	restriction of xs:token	
Properties	content:	simple
	minOccurs:	1
	maxOccurs:	1
Facets	length	3
	pattern	([0-9])*
Source	<pre>&lt;xs:element name="Municipality" minOccurs="1" maxOccurs="1"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:length value="3"/&gt;       &lt;xs:pattern value="([0-9])*/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>	

### Element FCR\_CancerScreening / Person / Language\_code

Namespace	No namespace	
Diagram		
Type	restriction of xs:token	
Properties	content:	simple
	minOccurs:	1

	maxOccurs:	1
Facets	length	2
	pattern	([0-9a-z])*
Source	<pre>&lt;xs:element name="Language_code" minOccurs="1" maxOccurs="1"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:length value="2"/&gt;       &lt;xs:pattern value="([0-9a-z])*"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>	

## Element FCR\_CancerScreening / Person / Address

Namespace	No namespace								
Diagram	<pre> classDiagram     class Address {         Address_type xs:int         Street_address Restriction of 'xs:string'         Postal_code Restriction of 'xs:token'         City Restriction of 'xs:string'         Start_date Union of (restriction of 'xs:string', restriction of 'xs:date')         End_date Union of (restriction of 'xs:string', restriction of 'xs:date')     }     Address --&gt; Address_type     Address --&gt; Street_address     Address --&gt; Postal_code     Address --&gt; City     Address --&gt; Start_date     Address --&gt; End_date   </pre>								
Properties	<table> <tr><td>content:</td><td>complex</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>unbounded</td></tr> <tr><td>mixed:</td><td>true</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded	mixed:	true
content:	complex								
minOccurs:	0								
maxOccurs:	unbounded								
mixed:	true								
Model	Address_type , Street_address , Postal_code , City , Start_date , End_date								
Children	Address_type, City, End_date, Postal_code, Start_date, Street_address								
Instance	<pre>&lt;Address&gt;   &lt;Address_type&gt;{1,1}&lt;/Address_type&gt;   &lt;Street_address&gt;{1,1}&lt;/Street_address&gt;   &lt;Postal_code&gt;{1,1}&lt;/Postal_code&gt;   &lt;City&gt;{1,1}&lt;/City&gt;   &lt;Start_date&gt;{1,1}&lt;/Start_date&gt;   &lt;End_date&gt;{1,1}&lt;/End_date&gt; &lt;/Address&gt;</pre>								
Source	<pre>&lt;xs:element name="Address" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:complexType mixed="true"&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Address_type" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;       &lt;xs:element name="Street_address" minOccurs="1" maxOccurs="1" nillable="true"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="64"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Postal_code" minOccurs="1" maxOccurs="1"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:token"&gt;             &lt;xs:length value="5"/&gt;             &lt;xs:pattern value="([0-9])*"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="City" minOccurs="1" maxOccurs="1" nillable="true"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="64"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>								

```

</xs:simpleType>
</xs:element>
<xs:element name="Start_date" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:date"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="End_date" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:date"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

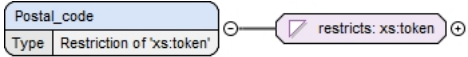
### Element FCR\_CancerScreening / Person / Address / Address\_type

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code>&lt;xs:element name="Address_type" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;</code>						

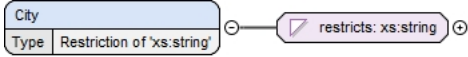
### Element FCR\_CancerScreening / Person / Address / Street\_address

Namespace	No namespace								
Diagram									
Type	restriction of xs:string								
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> <tr> <td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Facets	<table> <tr> <td>maxLength</td><td>64</td></tr> </table>	maxLength	64						
maxLength	64								
Source	<pre> &lt;xs:element name="Street_address" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="64"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>								

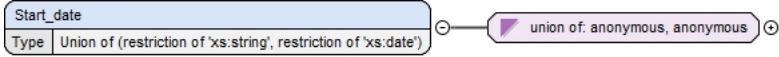
**Element FCR\_CancerScreening / Person / Address / Postal\_code**

Namespace	No namespace						
Diagram							
Type	restriction of xs:token						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Facets	<table> <tr><td>length</td><td>5</td></tr> <tr><td>pattern</td><td>([0-9])*</td></tr> </table>	length	5	pattern	([0-9])*		
length	5						
pattern	([0-9])*						
Source	<pre>&lt;xs:element name="Postal_code" minOccurs="1" maxOccurs="1"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:length value="5"/&gt;       &lt;xs:pattern value="([0-9])*/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>						

**Element FCR\_CancerScreening / Person / Address / City**

Namespace	No namespace								
Diagram									
Type	restriction of xs:string								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Facets	<table> <tr><td>maxLength</td><td>64</td></tr> </table>	maxLength	64						
maxLength	64								
Source	<pre>&lt;xs:element name="City" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="64"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>								

**Element FCR\_CancerScreening / Person / Address / Start\_date**

Namespace	No namespace						
Diagram							
Type	union of(restriction of xs:string, xs:date)						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre>&lt;xs:element name="Start_date" minOccurs="1" maxOccurs="1"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:date"/&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>						



```
</xs:element>
```

### Element FCR\_CancerScreening / Person / Address / End\_date

Namespace	No namespace						
Diagram							
Type	union of(restriction of xs:string, xs:date)						
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre>&lt;xs:element name="End_date" minOccurs="1" maxOccurs="1"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0" /&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:date"/&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>						

### Element FCR\_CancerScreening / Person / Screening

Namespace	No namespace						
Diagram							
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	1	maxOccurs:	unbounded
content:	complex						
minOccurs:	1						
maxOccurs:	unbounded						

Model	Screening_type , Screening_id , Screening_year , Screening_municipality , Health_area_code , Screening_laboratory_id , Laboratory_screening_id , Service_incident_id , Screening_reason_code , Planned_screening_method_code , Screening_process_status , Screening_error_code , Invitation*
Children	Health_area_code, Invitation, Laboratory_screening_id, Planned_screening_method_code, Screening_error_code, Screening_id, Screening_laboratory_id, Screening_municipality, Screening_process_status, Screening_reason_code, Screening_type, Screening_year, Service_incident_id
Instance	<pre> &lt;Screening&gt;   &lt;Screening_type&gt;{1,1}&lt;/Screening_type&gt;   &lt;Screening_id&gt;{1,1}&lt;/Screening_id&gt;   &lt;Screening_year&gt;{1,1}&lt;/Screening_year&gt;   &lt;Screening_municipality&gt;{1,1}&lt;/Screening_municipality&gt;   &lt;Health_area_code&gt;{1,1}&lt;/Health_area_code&gt;   &lt;Screening_laboratory_id&gt;{1,1}&lt;/Screening_laboratory_id&gt;   &lt;Laboratory_screening_id&gt;{1,1}&lt;/Laboratory_screening_id&gt;   &lt;Service_incident_id&gt;{1,1}&lt;/Service_incident_id&gt;   &lt;Screening_reason_code&gt;{1,1}&lt;/Screening_reason_code&gt;   &lt;Planned_screening_method_code&gt;{1,1}&lt;/Planned_screening_method_code&gt;   &lt;Screening_process_status&gt;{1,1}&lt;/Screening_process_status&gt;   &lt;Screening_error_code&gt;{1,1}&lt;/Screening_error_code&gt;   &lt;Invitation&gt;{0,unbounded}&lt;/Invitation&gt; &lt;/Screening&gt; </pre>
Source	<pre> &lt;xs:element name="Screening" minOccurs="1" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Screening_type" minOccurs="1" maxOccurs="1" type="xs:int" /&gt;       &lt;xs:element name="Screening_id" minOccurs="1" maxOccurs="1" nillable="true"&gt;         &lt;xs:simpleType&gt;           &lt;xs:union&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:string"&gt;                 &lt;xs:length value="0" /&gt;               &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:int" /&gt;             &lt;/xs:simpleType&gt;           &lt;/xs:union&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Screening_year" minOccurs="1" maxOccurs="1" type="xs:int" /&gt;       &lt;xs:element name="Screening_municipality" minOccurs="1" maxOccurs="1"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:token"&gt;             &lt;xs:length value="3" /&gt;             &lt;xs:pattern value="([0-9])*" /&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Health_area_code" minOccurs="1" maxOccurs="1" nillable="true"&gt;         &lt;xs:simpleType&gt;           &lt;xs:union&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:string"&gt;                 &lt;xs:length value="0" /&gt;               &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:int" /&gt;             &lt;/xs:simpleType&gt;           &lt;/xs:union&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Screening_laboratory_id" minOccurs="1" maxOccurs="1" nillable="true"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="64" /&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Laboratory_screening_id" minOccurs="1" maxOccurs="1" nillable="true"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="40" /&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Service_incident_id" minOccurs="1" maxOccurs="1" nillable="true"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="64" /&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

```

    </xs:restriction>
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</xs:element>
<xs:element name="Screening_reason_code" minOccurs="1" maxOccurs="1" type="xs:int"/>
<xs:element name="Planned_screening_method_code" minOccurs="1" maxOccurs="1" nillable="true">
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      <xs:simpleType>
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      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
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<xs:element name="Screening_error_code" minOccurs="1" maxOccurs="1" type="xs:int"/>
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    <xs:sequence>
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          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Invitation_type_code" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Invitation_creation_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
      <xs:element name="Suggested_control_time" minOccurs="1" maxOccurs="1" type="xs:dateTime"
nillable="true"/>
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            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
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      <xs:element name="Notice" minOccurs="0" maxOccurs="unbounded">
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            <xs:element name="Notice_date" minOccurs="1" maxOccurs="1" type="xs:date"
nillable="false"/>
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      </xs:element>
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              </xs:simpleType>
            </xs:element>
            <xs:element name="Laboratory_id" minOccurs="1" maxOccurs="1" nillable="false">
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                  <xs:maxLength value="64"/>
                </xs:restriction>
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            </xs:element>
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                  <xs:pattern value="([0-9])*/>
                </xs:restriction>
              </xs:simpleType>
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          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        </xs:simpleType>
    </xs:element>
    <xs:element name="Control_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
    <xs:element name="Control_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
    <xs:element name="Control_status_code" minOccurs="1" maxOccurs="1" type="xs:int"/>
    <xs:element name="Control_status_decision_name" minOccurs="1" maxOccurs="1"
nillable="true">
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            </xs:restriction>
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type="xs:int"/>
                <xs:element name="Preliminary_info_code" minOccurs="1" maxOccurs="1"
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                            <xs:simpleType>
                                <xs:restriction base="xs:int"/>
                            </xs:simpleType>
                        </xs:union>
                    </xs:simpleType>
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                                <xs:restriction base="xs:string">
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                            </xs:simpleType>
                            <xs:simpleType>
                                <xs:restriction base="xs:int">
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                                    <xs:maxInclusive value="1"/>
                                </xs:restriction>
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                        </xs:union>
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                <xs:element name="Preliminary_info_value" minOccurs="1" maxOccurs="1"
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                                </xs:restriction>
                            </xs:simpleType>
                            <xs:simpleType>
                                <xs:restriction base="xs:int"/>
                            </xs:simpleType>
                        </xs:union>
                    </xs:simpleType>
                </xs:element>
                <xs:element name="Preliminary_info_decimal" minOccurs="1" maxOccurs="1"
nillable="true">
                    <xs:simpleType>
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                            <xs:simpleType>
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                                    <xs:length value="0"/>
                                </xs:restriction>
                            </xs:simpleType>
                            <xs:simpleType>
                                <xs:restriction base="xs:decimal"/>
                            </xs:simpleType>
                        </xs:union>
                    </xs:simpleType>
                </xs:element>
            </xs:sequence>
        </xs:complexType>
    </xs:element>

```

```

        <xs:element name="Preliminary_info_date" minOccurs="1" maxOccurs="1"
type="xs:date" nillable="true"/>
        <xs:element name="Preliminary_info_text" minOccurs="1" maxOccurs="1"
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</xs:element>
<!-- Sample -->
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            <xs:element name="Sample_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
            <xs:element name="Sample_tool" minOccurs="1" maxOccurs="1" type="xs:int"/>
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                            <xs:restriction base="xs:int">
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</xs:element>
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            </xs:element>
            <xs:element name="Analysis_boolean" minOccurs="1" maxOccurs="1"
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                                <xs:length value="0"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:union>
                </xs:simpleType>
            </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

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        <xs:simpleType>
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</xs:element>
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type="xs:date"/>
<xs:element name="Analyst_doer" minOccurs="1" maxOccurs="1">
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            <xs:pattern value="([0-9.])*"/>
        </xs:restriction>
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</xs:element>
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                        <xs:simpleType>
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                                <xs:length value="0"/>
                            </xs:restriction>

```

```

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      </xs:union>
    </xs:simpleType>
  </xs:element>
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      <xs:union>
        <xs:simpleType>
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        </xs:simpleType>
        <xs:simpleType>
          <xs:restriction base="xs:int">
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  </xs:element>
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      <xs:union>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="0"/>
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        <xs:simpleType>
          <xs:restriction base="xs:int"/>
        </xs:simpleType>
      </xs:union>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Result_decimal" minOccurs="1" maxOccurs="1"
nillable="true">
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            <xs:length value="0"/>
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        <xs:simpleType>
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  </xs:element>
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type="xs:date"/>
  <xs:element name="Result_doer" minOccurs="1" maxOccurs="1">
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        <xs:maxLength value="11"/>
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```

```

        </xs:simpleType>
      </xs:union>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Result_diag" minOccurs="1" maxOccurs="1"
nillable="true">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="12"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Result_org" minOccurs="1" maxOccurs="1"
nillable="true">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="64"/>
        <xs:pattern value="([0-9.]*)"/>
      </xs:restriction>
    </xs:simpleType>
  </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>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

### Element FCR\_CancerScreening / Person / Screening / Screening\_type

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code>&lt;xs:element name="Screening_type" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;</code>						

### Element FCR\_CancerScreening / Person / Screening / Screening\_id

Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:int)								
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> <tr> <td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre> &lt;xs:element name="Screening_id" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; </pre>								



```

<xs:simpleType>
  <xs:restriction base="xs:int" />
</xs:simpleType>
</xs:union>
</xs:simpleType>
</xs:element>

```

### Element FCR\_CancerScreening / Person / Screening / Screening\_year

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code>&lt;xs:element name="Screening_year" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;</code>						

### Element FCR\_CancerScreening / Person / Screening / Screening\_municipality

Namespace	No namespace						
Diagram							
Type	restriction of xs:token						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Facets	<table> <tr><td>length</td><td>3</td></tr> <tr><td>pattern</td><td>([0-9])*</td></tr> </table>	length	3	pattern	([0-9])*		
length	3						
pattern	([0-9])*						
Source	<pre> &lt;xs:element name="Screening_municipality" minOccurs="1" maxOccurs="1"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:length value="3"/&gt;       &lt;xs:pattern value="([0-9])*" /&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>						

### Element FCR\_CancerScreening / Person / Screening / Health\_area\_code

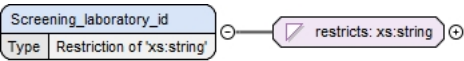
Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre> &lt;xs:element name="Health_area_code" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:int"/&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>								

```

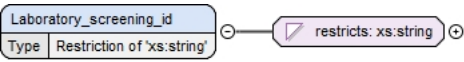
</xs:simpleType>
</xs:union>
</xs:simpleType>
</xs:element>

```

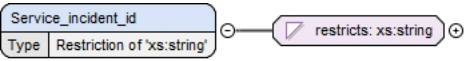
**Element FCR\_CancerScreening / Person / Screening / Screening\_laboratory\_id**

Namespace	No namespace								
Diagram									
Type	restriction of xs:string								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Facets	<table> <tr><td>maxLength</td><td>64</td></tr> </table>	maxLength	64						
maxLength	64								
Source	<pre> &lt;xs:element name="Screening_laboratory_id" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="64"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>								

**Element FCR\_CancerScreening / Person / Screening / Laboratory\_screening\_id**

Namespace	No namespace								
Diagram									
Type	restriction of xs:string								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Facets	<table> <tr><td>maxLength</td><td>40</td></tr> </table>	maxLength	40						
maxLength	40								
Source	<pre> &lt;xs:element name="Laboratory_screening_id" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="40"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>								

**Element FCR\_CancerScreening / Person / Screening / Service\_incident\_id**

Namespace	No namespace								
Diagram									
Type	restriction of xs:string								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Facets	<table> <tr><td>maxLength</td><td>64</td></tr> </table>	maxLength	64						
maxLength	64								
Source	<pre> &lt;xs:element name="Service_incident_id" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="64"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>								

```

</xs:restriction>
</xs:simpleType>
</xs:element>

```

### Element FCR\_CancerScreening / Person / Screening / Screening\_reason\_code

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre>&lt;xs:element name="Screening_reason_code" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;</pre>						

### Element FCR\_CancerScreening / Person / Screening / Planned\_screening\_method\_code

Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre> &lt;xs:element name="Planned_screening_method_code" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:int"/&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>								

### Element FCR\_CancerScreening / Person / Screening / Screening\_process\_status

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre>&lt;xs:element name="Screening_process_status" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;</pre>						

### Element FCR\_CancerScreening / Person / Screening / Screening\_error\_code

Namespace	No namespace
-----------	--------------

Diagram	<p>Built-in derived type. The int datatype is derived from long by setting the value of maxInclusive to be 2147483647 and...</p>						
Type	xs:int						
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code>&lt;xs:element name="Screening_error_code" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;</code>						

## Element FCR\_CancerScreening / Person / Screening / Invitation

Namespace	No namespace						
Diagram							
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	Invitation_id , Invitation_type_code , Invitation_creation_date , Suggested_control_time , Cancellation_reason , Notice* , Control*						
Children	Cancellation_reason, Control, Invitation_creation_date, Invitation_id, Invitation_type_code, Notice, Suggested_control_time						
Instance	<pre> &lt;Invitation&gt;   &lt;Invitation_id&gt;{1,1}&lt;/Invitation_id&gt;   &lt;Invitation_type_code&gt;{1,1}&lt;/Invitation_type_code&gt;   &lt;Invitation_creation_date&gt;{1,1}&lt;/Invitation_creation_date&gt;   &lt;Suggested_control_time&gt;{1,1}&lt;/Suggested_control_time&gt;   &lt;Cancellation_reason&gt;{1,1}&lt;/Cancellation_reason&gt;   &lt;Notice&gt;{0,unbounded}&lt;/Notice&gt;   &lt;Control&gt;{0,unbounded}&lt;/Control&gt; &lt;/Invitation&gt; </pre>						
Source	<pre> &lt;xs:element name="Invitation" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Invitation_id" minOccurs="1" maxOccurs="1"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="40"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Invitation_type_code" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;       &lt;xs:element name="Invitation_creation_date" minOccurs="1" maxOccurs="1" type="xs:date"/&gt;       &lt;xs:element name="Suggested_control_time" minOccurs="1" maxOccurs="1" type="xs:dateTime" nillable="true"/&gt;       &lt;xs:element name="Cancellation_reason" minOccurs="1" maxOccurs="1" nillable="true"&gt;         &lt;xs:simpleType&gt;           &lt;xs:union&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:string"&gt;                 &lt;xs:length value="0"/&gt;               &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;           &lt;/xs:union&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>						

```

        <xs:restriction base="xs:int" />
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<!-- Notice -->
<xs:element name="Notice" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Notice_type" minOccurs="1" maxOccurs="1" type="xs:int" />
      <xs:element name="Notice_date" minOccurs="1" maxOccurs="1" type="xs:date"
nillable="false" />
    </xs:sequence>
  </xs:complexType>
</xs:element>
<!-- Control -->
<xs:element name="Control" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Control_id" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="40" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Laboratory_id" minOccurs="1" maxOccurs="1" nillable="false">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="64" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Control_municipality" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:token">
            <xs:length value="3" />
            <xs:pattern value="([0-9])*" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Control_date" minOccurs="1" maxOccurs="1" type="xs:date" />
      <xs:element name="Control_type" minOccurs="1" maxOccurs="1" type="xs:int" />
      <xs:element name="Control_status_code" minOccurs="1" maxOccurs="1" type="xs:int" />
      <xs:element name="Control_status_decision_name" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="64" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <!-- Preliminary Info -->
      <xs:element name="Preliminary_info" minOccurs="0" maxOccurs="1">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Preliminary_info_type" minOccurs="1" maxOccurs="1"
type="xs:int" />
            <xs:element name="Preliminary_info_code" minOccurs="1" maxOccurs="1"
nillable="true">
              <xs:simpleType>
                <xs:union>
                  <xs:simpleType>
                    <xs:restriction base="xs:string">
                      <xs:length value="0" />
                    </xs:restriction>
                  </xs:simpleType>
                  <xs:simpleType>
                    <xs:restriction base="xs:int" />
                  </xs:simpleType>
                </xs:union>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Preliminary_info_boolean" minOccurs="1" maxOccurs="1"
nillable="true">
              <xs:simpleType>
                <xs:union>
                  <xs:simpleType>
                    <xs:restriction base="xs:string">
                      <xs:length value="0" />
                    </xs:restriction>
                  </xs:simpleType>
                </xs:union>
              </xs:simpleType>
            </xs:element>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

        <xs:restriction base="xs:int">
            <xs:minInclusive value="0"/>
            <xs:maxInclusive value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:union>
</xs:simpleType>
</xs:element>
<xs:element name="Preliminary_info_value" minOccurs="1" maxOccurs="1"
nillable="true">
    <xs:simpleType>
        <xs:union>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
                <xs:restriction base="xs:int"/>
            </xs:simpleType>
        </xs:union>
    </xs:simpleType>
</xs:element>
<xs:element name="Preliminary_info_decimal" minOccurs="1" maxOccurs="1"
nillable="true">
    <xs:simpleType>
        <xs:union>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
                <xs:restriction base="xs:decimal"/>
            </xs:simpleType>
        </xs:union>
    </xs:simpleType>
</xs:element>
<xs:element name="Preliminary_info_date" minOccurs="1" maxOccurs="1"
type="xs:date" nillable="true"/>
<xs:element name="Preliminary_info_text" minOccurs="1" maxOccurs="1"
nillable="true">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="1024"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<!-- Sample -->
<xs:element name="Sample" minOccurs="0" maxOccurs="unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Sample_id" minOccurs="1" maxOccurs="1">
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="40"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Sample_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
            <xs:element name="Sample_tool" minOccurs="1" maxOccurs="1" type="xs:int"/>
            <xs:element name="Sample_laterality" minOccurs="1" maxOccurs="1" nillable="true">
                <xs:simpleType>
                    <xs:union>
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:length value="0"/>
                            </xs:restriction>
                        </xs:simpleType>
                        <xs:simpleType>
                            <xs:restriction base="xs:int">
                                <xs:minInclusive value="0"/>
                                <xs:maxInclusive value="1"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:union>
                </xs:simpleType>
            </xs:element>
            <xs:element name="Sample_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
            <xs:element name="Sample_success" minOccurs="1" maxOccurs="1" type="xs:int"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>

```

```

<xs:element name="Sample_doer" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="11"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<!-- Analysis -->
<xs:element name="Analysis" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Analysis_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Analysis_code" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_boolean" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int">
                <xs:minInclusive value="0"/>
                <xs:maxInclusive value="1"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_value" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_decimal" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:decimal"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_text" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="32000"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>

```

```

>
<xs:element name="Analysis_date" minOccurs="1" maxOccurs="1" type="xs:date"/
<xs:element name="Analyst_doer" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="11"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Analyst_org" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="64"/>
      <xs:pattern value="([0-9.])*"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<!-- Result -->
<xs:element name="Result" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Result_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Result_code" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Result_boolean" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int">
                <xs:minInclusive value="0"/>
                <xs:maxInclusive value="1"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Result_value" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Result_decimal" minOccurs="1" maxOccurs="1"
nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:decimal"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

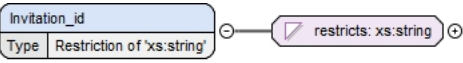


```

        </xs:union>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Result_text" minOccurs="1" maxOccurs="1" nillable="true">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="32000"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Result_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
    <xs:element name="Result_doer" minOccurs="1" maxOccurs="1">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="11"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Result_diag_codeset" minOccurs="1" maxOccurs="1"
nillable="true">
      <xs:simpleType>
        <xs:union>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="0"/>
            </xs:restriction>
          </xs:simpleType>
          <xs:simpleType>
            <xs:restriction base="xs:int"/>
          </xs:simpleType>
        </xs:union>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Result_diag" minOccurs="1" maxOccurs="1" nillable="true">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="12"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Result_org" minOccurs="1" maxOccurs="1" nillable="true">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="64"/>
          <xs:pattern value="([0-9.])*/"/>
        </xs:restriction>
      </xs:simpleType>
    </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>
</xs:sequence>
</xs:complexType>
</xs:element>

```

## Element FCR\_CancerScreening / Person / Screening / Invitation / Invitation\_id

Namespace	No namespace						
Diagram							
Type	restriction of xs:string						
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Facets	<table> <tr> <td>maxLength</td><td>40</td></tr> </table>	maxLength	40				
maxLength	40						
Source	<pre> &lt;xs:element name="Invitation_id" minOccurs="1" maxOccurs="1"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="40"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>						

```

</xs:restriction>
</xs:simpleType>
</xs:element>

```

### Element FCR\_CancerScreening / Person / Screening / Invitation / Invitation\_type\_code

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code>&lt;xs:element name="Invitation_type_code" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;</code>						

### Element FCR\_CancerScreening / Person / Screening / Invitation / Invitation\_creation\_date

Namespace	No namespace						
Diagram							
Type	xs:date						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code>&lt;xs:element name="Invitation_creation_date" minOccurs="1" maxOccurs="1" type="xs:date"/&gt;</code>						

### Element FCR\_CancerScreening / Person / Screening / Invitation / suggested\_control\_time

Namespace	No namespace								
Diagram									
Type	xs:dateTime								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nullable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nullable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nullable:	true								
Source	<code>&lt;xs:element name="Suggested_control_time" minOccurs="1" maxOccurs="1" type="xs:dateTime" nullable="true"/&gt;</code>								

### Element FCR\_CancerScreening / Person / Screening / Invitation / Cancellation\_reason

Namespace	No namespace		
Diagram			
Type	union of(restriction of xs:string, xs:int)		
Properties	<table> <tr><td>content:</td><td>simple</td></tr> </table>	content:	simple
content:	simple		

	minOccurs: 1
	maxOccurs: 1
	nillable: true
Source	<pre>&lt;xs:element name="Cancellation_reason" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:int"/&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

### Element FCR\_CancerScreening / Person / Screening / Invitation / Notice

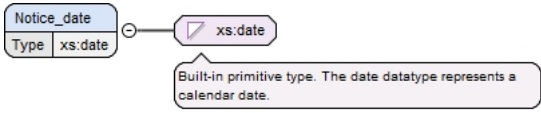
Namespace	No namespace
Diagram	
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	Notice_type , Notice_date
Children	Notice_date, Notice_type
Instance	<pre>&lt;Notice&gt;   &lt;Notice_type&gt;{1,1}&lt;/Notice_type&gt;   &lt;Notice_date&gt;{1,1}&lt;/Notice_date&gt; &lt;/Notice&gt;</pre>
Source	<pre>&lt;xs:element name="Notice" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Notice_type" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;       &lt;xs:element name="Notice_date" minOccurs="1" maxOccurs="1" type="xs:date" nillable="false"/&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt;</pre>

### Element FCR\_CancerScreening / Person / Screening / Invitation / Notice / Notice\_type

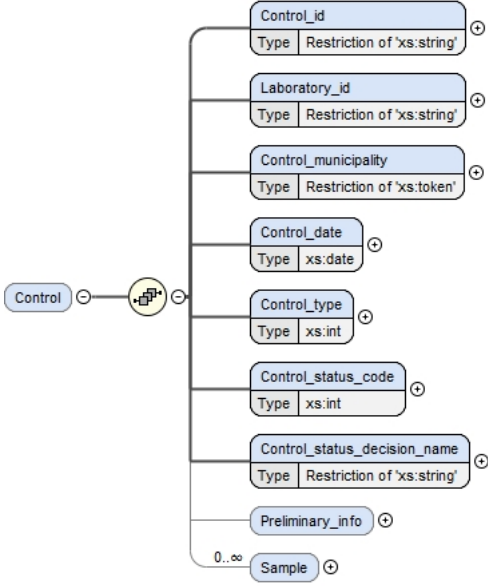
Namespace	No namespace
Diagram	
Type	xs:int
Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<pre>&lt;xs:element name="Notice_type" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;</pre>

### Element FCR\_CancerScreening / Person / Screening / Invitation / Notice / Notice\_date

Namespace	No namespace
-----------	--------------

Diagram									
Type	xs:date								
Properties	<table border="1"> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>false</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	false
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	false								
Source	<code>&lt;xs:element name="Notice_date" minOccurs="1" maxOccurs="1" type="xs:date" nillable="false"/&gt;</code>								

## Element FCR\_CancerScreening / Person / Screening / Invitation / Control

Namespace	No namespace						
Diagram							
Properties	<table border="1"> <tr><td>content:</td><td>complex</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	Control_id , Laboratory_id , Control_municipality , Control_date , Control_type , Control_status_code , Control_status_decision_name , Preliminary_info{0,1} , Sample*						
Children	Control_date, Control_id, Control_municipality, Control_status_code, Control_status_decision_name, Control_type, Laboratory_id, Preliminary_info, Sample						
Instance	<pre> &lt;Control&gt;   &lt;Control_id&gt;{1,1}&lt;/Control_id&gt;   &lt;Laboratory_id&gt;{1,1}&lt;/Laboratory_id&gt;   &lt;Control_municipality&gt;{1,1}&lt;/Control_municipality&gt;   &lt;Control_date&gt;{1,1}&lt;/Control_date&gt;   &lt;Control_type&gt;{1,1}&lt;/Control_type&gt;   &lt;Control_status_code&gt;{1,1}&lt;/Control_status_code&gt;   &lt;Control_status_decision_name&gt;{1,1}&lt;/Control_status_decision_name&gt;   &lt;Preliminary_info&gt;{0,1}&lt;/Preliminary_info&gt;   &lt;Sample&gt;{0,unbounded}&lt;/Sample&gt; &lt;/Control&gt; </pre>						
Source	<pre> &lt;xs:element name="Control" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Control_id" minOccurs="1" maxOccurs="1"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="40"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Laboratory_id" minOccurs="1" maxOccurs="1" nillable="false"&gt; </pre>						

```

<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:maxLength value="64"/>
  </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element name="Control_municipality" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:length value="3"/>
      <xs:pattern value="([0-9])*/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Control_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
<xs:element name="Control_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
<xs:element name="Control_status_code" minOccurs="1" maxOccurs="1" type="xs:int"/>
<xs:element name="Control_status_decision_name" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="64"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<!-- Preliminary Info -->
<xs:element name="Preliminary_info" minOccurs="0" maxOccurs="1">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Preliminary_info_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Preliminary_info_code" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Preliminary_info_boolean" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int">
                <xs:minInclusive value="0"/>
                <xs:maxInclusive value="1"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Preliminary_info_value" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Preliminary_info_decimal" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

```

```

        <xs:restriction base="xs:decimal"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Preliminary_info_date" minOccurs="1" maxOccurs="1" type="xs:date"
nillable="true"/>
<xs:element name="Preliminary_info_text" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="1024"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<!-- Sample -->
<xs:element name="Sample" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Sample_id" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="40"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Sample_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Sample_tool" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Sample_laterality" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int">
                <xs:minInclusive value="0"/>
                <xs:maxInclusive value="1"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Sample_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
      <xs:element name="Sample_success" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Sample_doer" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="11"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
<!-- Analysis -->
<xs:element name="Analysis" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Analysis_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Analysis_code" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Analysis_boolean" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

```

```

        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="0"/>
            <xs:maxInclusive value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:union>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Analysis_value" minOccurs="1" maxOccurs="1" nillable="true">
    <xs:simpleType>
      <xs:union>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="0"/>
          </xs:restriction>
        </xs:simpleType>
        <xs:simpleType>
          <xs:restriction base="xs:int"/>
        </xs:simpleType>
      </xs:union>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Analysis_decimal" minOccurs="1" maxOccurs="1" nillable="true">
    <xs:simpleType>
      <xs:union>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="0"/>
          </xs:restriction>
        </xs:simpleType>
        <xs:simpleType>
          <xs:restriction base="xs:decimal"/>
        </xs:simpleType>
      </xs:union>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Analysis_text" minOccurs="1" maxOccurs="1" nillable="true">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="32000"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Analysis_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
  <xs:element name="Analyst_doer" minOccurs="1" maxOccurs="1">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="11"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Analyst_org" minOccurs="1" maxOccurs="1" nillable="true">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="64"/>
        <xs:pattern value="([0-9.]*)"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<!-- Result -->
<xs:element name="Result" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="Result_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Result_code" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Result_boolean" minOccurs="1" maxOccurs="1" nillable="true">

```

```

<xs:simpleType>
  <xs:union>
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:length value="0"/>
      </xs:restriction>
    </xs:simpleType>
    <xs:simpleType>
      <xs:restriction base="xs:int">
        <xs:minInclusive value="0"/>
        <xs:maxInclusive value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:union>
</xs:simpleType>
</xs:element>
<xs:element name="Result_value" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_decimal" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:decimal"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_text" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="32000"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
<xs:element name="Result_doer" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="11"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_diag_codeset" minOccurs="1" maxOccurs="1"
nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_diag" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="12"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_org" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>

```

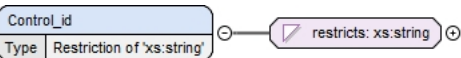


```

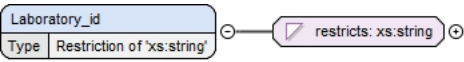
<xs:restriction base="xs:string">
  <xs:maxLength value="64"/>
  <xs:pattern value="([0-9.])*/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

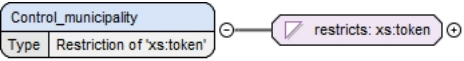
### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Control\_id

Namespace	No namespace						
Diagram							
Type	restriction of xs:string						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Facets	<table> <tr><td>maxLength</td><td>40</td></tr> </table>	maxLength	40				
maxLength	40						
Source	<pre> &lt;xs:element name="Control_id" minOccurs="1" maxOccurs="1"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="40"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>						

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Laboratory\_id

Namespace	No namespace								
Diagram									
Type	restriction of xs:string								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>false</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	false
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	false								
Facets	<table> <tr><td>maxLength</td><td>64</td></tr> </table>	maxLength	64						
maxLength	64								
Source	<pre> &lt;xs:element name="Laboratory_id" minOccurs="1" maxOccurs="1" nillable="false"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="64"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>								

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Control\_municipality

Namespace	No namespace
Diagram	

Type	restriction of xs:token
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
Facets	length 3
	pattern <code>([0-9])*</code>
Source	<pre>&lt;xs:element name="Control_municipality" minOccurs="1" maxOccurs="1"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:token"&gt;       &lt;xs:length value="3"/&gt;       &lt;xs:pattern value="([0-9])*" /&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Control\_date

Namespace	No namespace
Diagram	
Type	xs:date
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
Source	<pre>&lt;xs:element name="Control_date" minOccurs="1" maxOccurs="1" type="xs:date"/&gt;</pre>

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Control\_type

Namespace	No namespace
Diagram	
Type	xs:int
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
Source	<pre>&lt;xs:element name="Control_type" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;</pre>

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Control\_status\_code

Namespace	No namespace
Diagram	
Type	xs:int
Properties	content: simple
	minOccurs: 1

	maxOccurs: 1
Source	<code>&lt;xs:element name="Control_status_code" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;</code>

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Control\_status\_decision\_name

Namespace	No namespace								
Diagram									
Type	restriction of xs:string								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Facets	<table> <tr><td>maxLength</td><td>64</td></tr> </table>	maxLength	64						
maxLength	64								
Source	<code>&lt;xs:element name="Control_status_decision_name" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="64"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</code>								

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Preliminary\_info

Namespace	No namespace						
Diagram							
Properties	<table> <tr><td>content:</td><td>complex</td></tr> <tr><td>minOccurs:</td><td>0</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	1
content:	complex						
minOccurs:	0						
maxOccurs:	1						
Model	Preliminary_info_type, Preliminary_info_code, Preliminary_info_boolean, Preliminary_info_value, Preliminary_info_decimal, Preliminary_info_date, Preliminary_info_text						
Children	Preliminary_info_boolean, Preliminary_info_code, Preliminary_info_date, Preliminary_info_decimal, Preliminary_info_text, Preliminary_info_type, Preliminary_info_value						
Instance	<code>&lt;Preliminary_info&gt;   &lt;Preliminary_info_type&gt;{1,1}&lt;/Preliminary_info_type&gt;   &lt;Preliminary_info_code&gt;{1,1}&lt;/Preliminary_info_code&gt;   &lt;Preliminary_info_boolean&gt;{1,1}&lt;/Preliminary_info_boolean&gt;   &lt;Preliminary_info_value&gt;{1,1}&lt;/Preliminary_info_value&gt;   &lt;Preliminary_info_decimal&gt;{1,1}&lt;/Preliminary_info_decimal&gt;   &lt;Preliminary_info_date&gt;{1,1}&lt;/Preliminary_info_date&gt;   &lt;Preliminary_info_text&gt;{1,1}&lt;/Preliminary_info_text&gt; &lt;/Preliminary_info&gt;</code>						

	</Preliminary_info>
Source	<pre> &lt;xs:element name="Preliminary_info" minOccurs="0" maxOccurs="1"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Preliminary_info_type" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;       &lt;xs:element name="Preliminary_info_code" minOccurs="1" maxOccurs="1" nillable="true"&gt;         &lt;xs:simpleType&gt;           &lt;xs:union&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:string"&gt;                 &lt;xs:length value="0"/&gt;               &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:int"/&gt;             &lt;/xs:simpleType&gt;           &lt;/xs:union&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Preliminary_info_boolean" minOccurs="1" maxOccurs="1" nillable="true"&gt;         &lt;xs:simpleType&gt;           &lt;xs:union&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:string"&gt;                 &lt;xs:length value="0"/&gt;               &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:int"&gt;                 &lt;xs:minInclusive value="0"/&gt;                 &lt;xs:maxInclusive value="1"/&gt;               &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;           &lt;/xs:union&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Preliminary_info_value" minOccurs="1" maxOccurs="1" nillable="true"&gt;         &lt;xs:simpleType&gt;           &lt;xs:union&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:string"&gt;                 &lt;xs:length value="0"/&gt;               &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:int"/&gt;             &lt;/xs:simpleType&gt;           &lt;/xs:union&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Preliminary_info_decimal" minOccurs="1" maxOccurs="1" nillable="true"&gt;         &lt;xs:simpleType&gt;           &lt;xs:union&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:string"&gt;                 &lt;xs:length value="0"/&gt;               &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:decimal"/&gt;             &lt;/xs:simpleType&gt;           &lt;/xs:union&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Preliminary_info_date" minOccurs="1" maxOccurs="1" type="xs:date" nillable="true"/&gt;       &lt;xs:element name="Preliminary_info_text" minOccurs="1" maxOccurs="1" nillable="true"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="1024"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>

## Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Preliminary\_info / Preliminary\_info\_type

Namespace	No namespace
-----------	--------------

Diagram							
Type	xs:int						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code>&lt;xs:element name="Preliminary_info_type" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;</code>						

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Preliminary\_info / Preliminary\_info\_code

Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre> &lt;xs:element name="Preliminary_info_code" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:int"&gt;         &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>								

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Preliminary\_info / Preliminary\_info\_boolean

Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, restriction of xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre> &lt;xs:element name="Preliminary_info_boolean" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:int"&gt;           &lt;xs:minInclusive value="0"/&gt;           &lt;xs:maxInclusive value="1"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>								

```
</xs:simpleType>
</xs:element>
```

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Preliminary\_info / Preliminary\_info\_value

Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre>&lt;xs:element name="Preliminary_info_value" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:int"/&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>								

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Preliminary\_info / Preliminary\_info\_decimal

Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:decimal)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre>&lt;xs:element name="Preliminary_info_decimal" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:decimal"/&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>								

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Preliminary\_info / Preliminary\_info\_date

Namespace	No namespace
Diagram	
Type	xs:date

Properties	content:	simple
	minOccurs:	1
	maxOccurs:	1
	nillable:	true
Source	<pre>&lt;xs:element name="Preliminary_info_date" minOccurs="1" maxOccurs="1" type="xs:date" nillable="true"/&gt;</pre>	

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Preliminary\_info / Preliminary\_info\_text

Namespace	No namespace	
Diagram		
Type	restriction of xs:string	
Properties	content:	simple
	minOccurs:	1
	maxOccurs:	1
	nillable:	true
Facets	maxLength	1024
Source	<pre>&lt;xs:element name="Preliminary_info_text" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="1024"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>	

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample

Namespace	No namespace	
Diagram		
Properties	content:	complex
	minOccurs:	0
	maxOccurs:	unbounded
Model	Sample_id , Sample_type , Sample_tool , Sample_laterality , Sample_date , Sample_success , Sample_doer , Analysis* , Result*	
Children	Analysis, Result, Sample_date, Sample_doer, Sample_id, Sample_laterality, Sample_success, Sample_tool, Sample_type	
Instance	<pre>&lt;Sample&gt;   &lt;Sample_id&gt;{1,1}&lt;/Sample_id&gt;</pre>	

	<pre> &lt;Sample_type&gt;{1,1}&lt;/Sample_type&gt; &lt;Sample_tool&gt;{1,1}&lt;/Sample_tool&gt; &lt;Sample_laterality&gt;{1,1}&lt;/Sample_laterality&gt; &lt;Sample_date&gt;{1,1}&lt;/Sample_date&gt; &lt;Sample_success&gt;{1,1}&lt;/Sample_success&gt; &lt;Sample_doer&gt;{1,1}&lt;/Sample_doer&gt; &lt;Analysis&gt;{0,unbounded}&lt;/Analysis&gt; &lt;Result&gt;{0,unbounded}&lt;/Result&gt; &lt;/Sample&gt; </pre>
Source	<pre> &lt;xs:element name="Sample" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Sample_id" minOccurs="1" maxOccurs="1"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="40"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Sample_type" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;       &lt;xs:element name="Sample_tool" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;       &lt;xs:element name="Sample_laterality" minOccurs="1" maxOccurs="1" nillable="true"&gt;         &lt;xs:simpleType&gt;           &lt;xs:union&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:string"&gt;                 &lt;xs:length value="0"/&gt;               &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:int"&gt;                 &lt;xs:minInclusive value="0"/&gt;                 &lt;xs:maxInclusive value="1"/&gt;               &lt;/xs:restriction&gt;             &lt;/xs:simpleType&gt;           &lt;/xs:union&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;xs:element name="Sample_date" minOccurs="1" maxOccurs="1" type="xs:date"/&gt;       &lt;xs:element name="Sample_success" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;       &lt;xs:element name="Sample_doer" minOccurs="1" maxOccurs="1"&gt;         &lt;xs:simpleType&gt;           &lt;xs:restriction base="xs:string"&gt;             &lt;xs:maxLength value="11"/&gt;           &lt;/xs:restriction&gt;         &lt;/xs:simpleType&gt;       &lt;/xs:element&gt;       &lt;!-- Analysis --&gt;       &lt;xs:element name="Analysis" minOccurs="0" maxOccurs="unbounded"&gt;         &lt;xs:complexType&gt;           &lt;xs:sequence&gt;             &lt;xs:element name="Analysis_type" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;             &lt;xs:element name="Analysis_code" minOccurs="1" maxOccurs="1" nillable="true"&gt;               &lt;xs:simpleType&gt;                 &lt;xs:union&gt;                   &lt;xs:simpleType&gt;                     &lt;xs:restriction base="xs:string"&gt;                       &lt;xs:length value="0"/&gt;                     &lt;/xs:restriction&gt;                   &lt;/xs:simpleType&gt;                   &lt;xs:simpleType&gt;                     &lt;xs:restriction base="xs:int"/&gt;                   &lt;/xs:simpleType&gt;                 &lt;/xs:union&gt;               &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;             &lt;xs:element name="Analysis_boolean" minOccurs="1" maxOccurs="1" nillable="true"&gt;               &lt;xs:simpleType&gt;                 &lt;xs:union&gt;                   &lt;xs:simpleType&gt;                     &lt;xs:restriction base="xs:string"&gt;                       &lt;xs:length value="0"/&gt;                     &lt;/xs:restriction&gt;                   &lt;/xs:simpleType&gt;                   &lt;xs:simpleType&gt;                     &lt;xs:restriction base="xs:int"&gt;                       &lt;xs:minInclusive value="0"/&gt;                       &lt;xs:maxInclusive value="1"/&gt;                     &lt;/xs:restriction&gt;                   &lt;/xs:simpleType&gt;                 &lt;/xs:union&gt;               &lt;/xs:simpleType&gt;             &lt;/xs:element&gt;           &lt;/xs:sequence&gt;         &lt;/xs:complexType&gt;       &lt;/xs:element&gt;     &lt;/xs:sequence&gt;   &lt;/xs:complexType&gt; &lt;/xs:element&gt; </pre>



```

</xs:element>
<xs:element name="Analysis_value" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:int"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Analysis_decimal" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:union>
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:length value="0"/>
        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:decimal"/>
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Analysis_text" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="32000"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Analysis_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
<xs:element name="Analyst_doer" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="11"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Analyst_org" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="64"/>
      <xs:pattern value="([0-9.]*)"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<!-- Result -->
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  <xs:complexType>
    <xs:sequence>
      <xs:element name="Result_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
      <xs:element name="Result_code" minOccurs="1" maxOccurs="1" nillable="true">
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          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
      <xs:element name="Result_boolean" minOccurs="1" maxOccurs="1" nillable="true">
        <xs:simpleType>
          <xs:union>
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:length value="0"/>
              </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
              <xs:restriction base="xs:int"/>
            </xs:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

```

```

        <xs:restriction base="xs:int">
            <xs:minInclusive value="0"/>
            <xs:maxInclusive value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:union>
</xs:simpleType>
</xs:element>
<xs:element name="Result_value" minOccurs="1" maxOccurs="1" nillable="true">
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        <xs:union>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
                <xs:restriction base="xs:int"/>
            </xs:simpleType>
        </xs:union>
    </xs:simpleType>
</xs:element>
<xs:element name="Result_decimal" minOccurs="1" maxOccurs="1" nillable="true">
    <xs:simpleType>
        <xs:union>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
                <xs:restriction base="xs:decimal"/>
            </xs:simpleType>
        </xs:union>
    </xs:simpleType>
</xs:element>
<xs:element name="Result_text" minOccurs="1" maxOccurs="1" nillable="true">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="32000"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Result_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
<xs:element name="Result_doer" minOccurs="1" maxOccurs="1">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="11"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Result_diag_codeset" minOccurs="1" maxOccurs="1" nillable="true">
    <xs:simpleType>
        <xs:union>
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:length value="0"/>
                </xs:restriction>
            </xs:simpleType>
            <xs:simpleType>
                <xs:restriction base="xs:int"/>
            </xs:simpleType>
        </xs:union>
    </xs:simpleType>
</xs:element>
<xs:element name="Result_diag" minOccurs="1" maxOccurs="1" nillable="true">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="12"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="Result_org" minOccurs="1" maxOccurs="1" nillable="true">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="64"/>
            <xs:pattern value="([0-9.])*/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

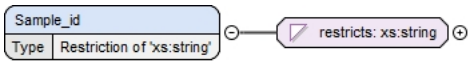
```

```

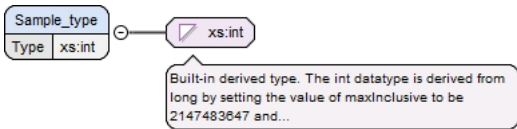
</xs:sequence>
</xs:complexType>
</xs:element>

```

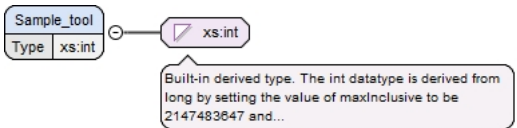
### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Sample\_id

Namespace	No namespace						
Diagram							
Type	restriction of xs:string						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Facets	<table> <tr><td>maxLength</td><td>40</td></tr> </table>	maxLength	40				
maxLength	40						
Source	<pre> &lt;xs:element name="Sample_id" minOccurs="1" maxOccurs="1"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="40"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>						

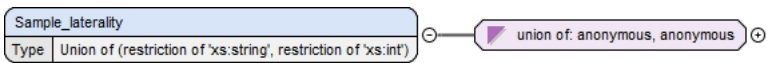
### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Sample\_type

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre> &lt;xs:element name="Sample_type" minOccurs="1" maxOccurs="1" type="xs:int"/&gt; </pre>						

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Sample\_tool

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre> &lt;xs:element name="Sample_tool" minOccurs="1" maxOccurs="1" type="xs:int"/&gt; </pre>						

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Sample\_laterality

Namespace	No namespace
Diagram	

Type	union of(restriction of xs:string, restriction of xs:int)
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
	nillable: true
Source	<pre>&lt;xs:element name="Sample_laterality" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:int"&gt;           &lt;xs:minInclusive value="0"/&gt;           &lt;xs:maxInclusive value="1"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Sample\_date

Namespace	No namespace
Diagram	
Type	xs:date
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
Source	<pre>&lt;xs:element name="Sample_date" minOccurs="1" maxOccurs="1" type="xs:date"/&gt;</pre>

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Sample\_success

Namespace	No namespace
Diagram	
Type	xs:int
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
Source	<pre>&lt;xs:element name="Sample_success" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;</pre>

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Sample\_doer

Namespace	No namespace
Diagram	
Type	restriction of xs:string
Properties	content: simple

	minOccurs:	1
	maxOccurs:	1
Facets	maxLength	11
Source	<pre>&lt;xs:element name="Sample_doer" minOccurs="1" maxOccurs="1"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="11"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>	

## Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Analysis

Namespace	No namespace						
Diagram							
Properties	<table> <tr> <td>content:</td><td>complex</td></tr> <tr> <td>minOccurs:</td><td>0</td></tr> <tr> <td>maxOccurs:</td><td>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
Model	Analysis_type , Analysis_code , Analysis_boolean , Analysis_value , Analysis_decimal , Analysis_text , Analysis_date , Analyst_doer , Analyst_org						
Children	Analysis_boolean, Analysis_code, Analysis_date, Analysis_decimal, Analysis_text, Analysis_type, Analysis_value, Analyst_doer, Analyst_org						
Instance	<pre>&lt;Analysis&gt;   &lt;Analysis_type&gt;{1,1}&lt;/Analysis_type&gt;   &lt;Analysis_code&gt;{1,1}&lt;/Analysis_code&gt;   &lt;Analysis_boolean&gt;{1,1}&lt;/Analysis_boolean&gt;   &lt;Analysis_value&gt;{1,1}&lt;/Analysis_value&gt;   &lt;Analysis_decimal&gt;{1,1}&lt;/Analysis_decimal&gt;   &lt;Analysis_text&gt;{1,1}&lt;/Analysis_text&gt;   &lt;Analysis_date&gt;{1,1}&lt;/Analysis_date&gt;   &lt;Analyst_doer&gt;{1,1}&lt;/Analyst_doer&gt;   &lt;Analyst_org&gt;{1,1}&lt;/Analyst_org&gt; &lt;/Analysis&gt;</pre>						
Source	<pre>&lt;xs:element name="Analysis" minOccurs="0" maxOccurs="unbounded"&gt;   &lt;xs:complexType&gt;     &lt;xs:sequence&gt;       &lt;xs:element name="Analysis_type" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;       &lt;xs:element name="Analysis_code" minOccurs="1" maxOccurs="1" nillable="true"&gt;         &lt;xs:simpleType&gt;           &lt;xs:union&gt;             &lt;xs:simpleType&gt;               &lt;xs:restriction base="xs:string"&gt;                 &lt;xs:length value="0"/&gt;               &lt;/xs:restriction&gt; </pre>						

```

        </xs:simpleType>
        <xs:simpleType>
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        </xs:simpleType>
      </xs:union>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Analysis_boolean" minOccurs="1" maxOccurs="1" nillable="true">
    <xs:simpleType>
      <xs:union>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="0" />
          </xs:restriction>
        </xs:simpleType>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="0" />
            <xs:maxInclusive value="1" />
          </xs:restriction>
        </xs:simpleType>
      </xs:union>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Analysis_value" minOccurs="1" maxOccurs="1" nillable="true">
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        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="0" />
          </xs:restriction>
        </xs:simpleType>
        <xs:simpleType>
          <xs:restriction base="xs:int" />
        </xs:simpleType>
      </xs:union>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Analysis_decimal" minOccurs="1" maxOccurs="1" nillable="true">
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      <xs:union>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="0" />
          </xs:restriction>
        </xs:simpleType>
        <xs:simpleType>
          <xs:restriction base="xs:decimal" />
        </xs:simpleType>
      </xs:union>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Analysis_text" minOccurs="1" maxOccurs="1" nillable="true">
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        <xs:maxLength value="32000" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Analysis_date" minOccurs="1" maxOccurs="1" type="xs:date" />
  <xs:element name="Analyst_doer" minOccurs="1" maxOccurs="1">
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      <xs:restriction base="xs:string">
        <xs:maxLength value="11" />
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="Analyst_org" minOccurs="1" maxOccurs="1" nillable="true">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:maxLength value="64" />
        <xs:pattern value="([0-9.]*)" />
      </xs:restriction>
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  </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

**Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Analysis / Analysis\_type**

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code>&lt;xs:element name="Analysis_type" minOccurs="1" maxOccurs="1" type="xs:int"/&gt;</code>						

**Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Analysis / Analysis\_code**

Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre> &lt;xs:element name="Analysis_code" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:int"/&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>								

**Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Analysis / Analysis\_boolean**

Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, restriction of xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre> &lt;xs:element name="Analysis_boolean" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:int"&gt; </pre>								

```

        <xs:minInclusive value="0"/>
        <xs:maxInclusive value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:union>
</xs:simpleType>
</xs:element>

```

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Analysis / Analysis\_value

Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre> &lt;xs:element name="Analysis_value" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:int"/&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>								

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Analysis / Analysis\_decimal

Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:decimal)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre> &lt;xs:element name="Analysis_decimal" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:decimal"/&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>								

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Analysis / Analysis\_text

Namespace	No namespace
Diagram	



Type	restriction of xs:string
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
	nillable: true
Facets	maxLength 32000
Source	<pre>&lt;xs:element name="Analysis_text" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="32000"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Analysis / Analysis\_date

Namespace	No namespace
Diagram	
Type	xs:date
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
Source	<pre>&lt;xs:element name="Analysis_date" minOccurs="1" maxOccurs="1" type="xs:date"/&gt;</pre>

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Analysis / Analyst\_doer

Namespace	No namespace
Diagram	
Type	restriction of xs:string
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
Facets	maxLength 11
Source	<pre>&lt;xs:element name="Analyst_doer" minOccurs="1" maxOccurs="1"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="11"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Analysis / Analyst\_org

Namespace	No namespace
Diagram	
Type	restriction of xs:string
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1

	nillable:	true
Facets	maxLength	64
	pattern	([0-9.])*
Source	<pre>&lt;xs:element name="Analyst_org" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="64"/&gt;       &lt;xs:pattern value="([0-9.])+"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>	

## Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Result

Namespace	No namespace	
Diagram		
Properties	content:	complex
	minOccurs:	0
	maxOccurs:	unbounded
Model	Result_type , Result_code , Result_boolean , Result_value , Result_decimal , Result_text , Result_date , Result_doer , Result_diag_codeset , Result_diag , Result_org	
Children	Result_boolean, Result_code, Result_date, Result_decimal, Result_diag, Result_diag_codeset, Result_doer, Result_org, Result_text, Result_type, Result_value	
Instance	<pre>&lt;Result&gt;   &lt;Result_type&gt;{1,1}&lt;/Result_type&gt;   &lt;Result_code&gt;{1,1}&lt;/Result_code&gt;   &lt;Result_boolean&gt;{1,1}&lt;/Result_boolean&gt;   &lt;Result_value&gt;{1,1}&lt;/Result_value&gt;   &lt;Result_decimal&gt;{1,1}&lt;/Result_decimal&gt;   &lt;Result_text&gt;{1,1}&lt;/Result_text&gt;   &lt;Result_date&gt;{1,1}&lt;/Result_date&gt;   &lt;Result_doer&gt;{1,1}&lt;/Result_doer&gt;   &lt;Result_diag_codeset&gt;{1,1}&lt;/Result_diag_codeset&gt;   &lt;Result_diag&gt;{1,1}&lt;/Result_diag&gt;   &lt;Result_org&gt;{1,1}&lt;/Result_org&gt; &lt;/Result&gt;</pre>	
Source	<pre>&lt;xs:element name="Result" minOccurs="0" maxOccurs="unbounded"&gt;</pre>	

```

<xs:complexType>
  <xs:sequence>
    <xs:element name="Result_type" minOccurs="1" maxOccurs="1" type="xs:int"/>
    <xs:element name="Result_code" minOccurs="1" maxOccurs="1" nillable="true">
      <xs:simpleType>
        <xs:union>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="0"/>
            </xs:restriction>
          </xs:simpleType>
          <xs:simpleType>
            <xs:restriction base="xs:int"/>
          </xs:simpleType>
        </xs:union>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Result_boolean" minOccurs="1" maxOccurs="1" nillable="true">
      <xs:simpleType>
        <xs:union>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="0"/>
            </xs:restriction>
          </xs:simpleType>
          <xs:simpleType>
            <xs:restriction base="xs:int">
              <xs:minInclusive value="0"/>
              <xs:maxInclusive value="1"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:union>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Result_value" minOccurs="1" maxOccurs="1" nillable="true">
      <xs:simpleType>
        <xs:union>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="0"/>
            </xs:restriction>
          </xs:simpleType>
          <xs:simpleType>
            <xs:restriction base="xs:int"/>
          </xs:simpleType>
        </xs:union>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Result_decimal" minOccurs="1" maxOccurs="1" nillable="true">
      <xs:simpleType>
        <xs:union>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="0"/>
            </xs:restriction>
          </xs:simpleType>
          <xs:simpleType>
            <xs:restriction base="xs:decimal"/>
          </xs:simpleType>
        </xs:union>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Result_text" minOccurs="1" maxOccurs="1" nillable="true">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="32000"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Result_date" minOccurs="1" maxOccurs="1" type="xs:date"/>
    <xs:element name="Result_doer" minOccurs="1" maxOccurs="1">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="11"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="Result_diag_codeset" minOccurs="1" maxOccurs="1" nillable="true">
      <xs:simpleType>
        <xs:union>
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:length value="0"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:union>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

```

        </xs:restriction>
      </xs:simpleType>
      <xs:simpleType>
        <xs:restriction base="xs:int" />
      </xs:simpleType>
    </xs:union>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_diag" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="12" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="Result_org" minOccurs="1" maxOccurs="1" nillable="true">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:maxLength value="64" />
      <xs:pattern value="([0-9.])*" />
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Result / Result\_type

Namespace	No namespace						
Diagram							
Type	xs:int						
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<code>&lt;xs:element name="Result_type" minOccurs="1" maxOccurs="1" type="xs:int" /&gt;</code>						

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Result / Result\_code

Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:int)								
Properties	<table> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> <tr> <td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre> &lt;xs:element name="Result_code" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0" /&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:int" /&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt; </pre>								

**Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Result / Result\_boolean**

Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, restriction of xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre>&lt;xs:element name="Result_boolean" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:int"&gt;           &lt;xs:minInclusive value="0"/&gt;           &lt;xs:maxInclusive value="1"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>								

**Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Result / Result\_value**

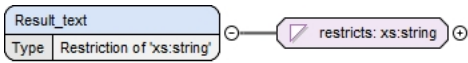
Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre>&lt;xs:element name="Result_value" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:int"/&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>								

**Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Result / Result\_decimal**

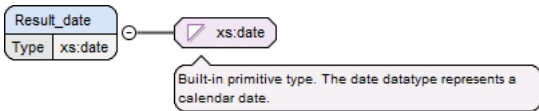
Namespace	No namespace		
Diagram			
Type	union of(restriction of xs:string, xs:decimal)		
Properties	<table> <tr><td>content:</td><td>simple</td></tr> </table>	content:	simple
content:	simple		

	minOccurs: 1
	maxOccurs: 1
	nillable: true
Source	<pre>&lt;xs:element name="Result_decimal" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:decimal"/&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

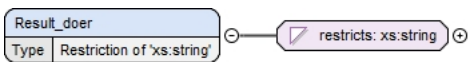
### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Result / Result\_text

Namespace	No namespace								
Diagram									
Type	restriction of xs:string								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Facets	<table> <tr><td>maxLength</td><td>32000</td></tr> </table>	maxLength	32000						
maxLength	32000								
Source	<pre>&lt;xs:element name="Result_text" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="32000"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>								

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Result / Result\_date

Namespace	No namespace						
Diagram							
Type	xs:date						
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
minOccurs:	1						
maxOccurs:	1						
Source	<pre>&lt;xs:element name="Result_date" minOccurs="1" maxOccurs="1" type="xs:date"/&gt;</pre>						

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Result / Result\_doer

Namespace	No namespace		
Diagram			
Type	restriction of xs:string		
Properties	<table> <tr><td>content:</td><td>simple</td></tr> </table>	content:	simple
content:	simple		

	minOccurs: 1
	maxOccurs: 1
Facets	maxLength 11
Source	<pre>&lt;xs:element name="Result_doer" minOccurs="1" maxOccurs="1"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="11"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Result / Result\_diag\_codeset

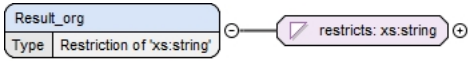
Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre>&lt;xs:element name="Result_diag_codeset" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:union&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:string"&gt;           &lt;xs:length value="0"/&gt;         &lt;/xs:restriction&gt;       &lt;/xs:simpleType&gt;       &lt;xs:simpleType&gt;         &lt;xs:restriction base="xs:int"/&gt;       &lt;/xs:simpleType&gt;     &lt;/xs:union&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>								

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Result / Result\_diag

Namespace	No namespace								
Diagram									
Type	restriction of xs:string								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Facets	maxLength 12								
Source	<pre>&lt;xs:element name="Result_diag" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="12"/&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>								

### Element FCR\_CancerScreening / Person / Screening / Invitation / Control / Sample / Result / Result\_org

Namespace	No namespace
-----------	--------------

Diagram									
Type	restriction of xs:string								
Properties	<table><tr><td>content:</td><td>simple</td></tr><tr><td>minOccurs:</td><td>1</td></tr><tr><td>maxOccurs:</td><td>1</td></tr><tr><td>nillable:</td><td>true</td></tr></table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Facets	<table><tr><td>maxLength</td><td>64</td></tr><tr><td>pattern</td><td>([0-9.])*</td></tr></table>	maxLength	64	pattern	([0-9.])*				
maxLength	64								
pattern	([0-9.])*								
Source	<pre>&lt;xs:element name="Result_org" minOccurs="1" maxOccurs="1" nillable="true"&gt;   &lt;xs:simpleType&gt;     &lt;xs:restriction base="xs:string"&gt;       &lt;xs:maxLength value="64"/&gt;       &lt;xs:pattern value="([0-9.])*" /&gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt; &lt;/xs:element&gt;</pre>								