

Schema documentation for Syopaseulonnat.xsd

september 10, 2019

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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 --> Schema_name FCR_CancerScreening --> Schema_version FCR_CancerScreening --> Transmitter_OID FCR_CancerScreening --> File_creation_timestamp FCR_CancerScreening --> Person Schema_name --- S1((1)) Schema_version --- S2((1)) Transmitter_OID --- S3((1)) File_creation_timestamp --- S4((1)) Person --- S5((1..∞)) </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> <FCR_CancerScreening> <Schema_name>{1,1}</Schema_name> <Schema_version>{1,1}</Schema_version> <Transmitter_OID>{1,1}</Transmitter_OID> <File_creation_timestamp>{1,1}</File_creation_timestamp> <Person>{1,unbounded}</Person> </FCR_CancerScreening> </pre>
Source	<pre> <xs:element name="FCR_CancerScreening"> <xs:complexType> <xs:sequence> <xs:element name="Schema_name" type="xs:string"/> <xs:element name="Schema_version" type="xs:string"/> <xs:element name="Transmitter_OID" 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:element name="File_creation_timestamp" minOccurs="1" maxOccurs="1" type="xs:dateTime"/> <!-- Person start --> <xs:element name="Person" minOccurs="1" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Personal_identity_code" minOccurs="1" maxOccurs="1"> <xs:simpleType> <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:sequence> </xs:complexType> </xs:element> </xs:sequence> </xs:complexType> </xs:element> </pre>

```

<xs:element name="Firstnames" minOccurs="1" maxOccurs="1" nillable="true">
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      <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">
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          <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">
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            <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">
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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="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>
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                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Laboratory_id" minOccurs="1" maxOccurs="1"
nillable="false">
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                <xs:restriction base="xs:string">
                  <xs:maxLength value="64"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:element>
            <xs:element name="Control_municipality" minOccurs="1" maxOccurs="1">
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                <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">
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                  <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="unbounded">
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maxOccurs="1" type="xs:int"/>
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maxOccurs="1" nillable="true">
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                <xs:simpleType>
                  <xs:restriction base="xs:string">
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                </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">
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                <xs:simpleType>
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                  </xs:restriction>
                </xs:simpleType>
                <xs:simpleType>
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                  </xs:restriction>
                </xs:simpleType>
              </xs:union>
            </xs:simpleType>
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          <xs:element name="Preliminary_info_value" minOccurs="1"
maxOccurs="1" nillable="true">
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              <xs:union>
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:length value="0"/>
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                </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">
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                <xs:simpleType>
                  <xs:restriction base="xs:string">
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                </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">
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        </xs:sequence>
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  </xs:sequence>

```

```

    </xs:complexType>
  </xs:element>
  <!-- Sample -->
  <xs:element name="Sample" minOccurs="0" maxOccurs="unbounded">
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              <xs:maxLength value="40"/>
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          </xs:simpleType>
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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"/>
        <xs:element name="Sample_laterality" minOccurs="1" maxOccurs="1"
nillable="true">
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                  <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">
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            <xs:restriction base="xs:string">
              <xs:maxLength value="11"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <!-- Analysis -->
        <xs:element name="Analysis" minOccurs="0" maxOccurs="unbounded">
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            <xs:sequence>
              <xs:element name="Analysis_type" minOccurs="1"
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              <xs:element name="Analysis_code" minOccurs="1"
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                    <xs:simpleType>
                      <xs:restriction base="xs:string">
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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: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>
    <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>
    <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>
    <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>
    <xs:element name="Result_date" minOccurs="1" 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>
    <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>
    <xs:element name="Result_diag" minOccurs="1" maxOccurs="1"
nillable="true">

```

[illegible]

Element FCR_CancerScreening / Schema_name

Namespace	No namespace
Diagram	<p>The diagram shows a schema element named 'Schema_name' with a type of 'xs:string'. A note points to the 'xs:string' type, stating: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>
Type	xs:string
Properties	content: simple
Source	<code><xs:element name="Schema_name" type="xs:string"/></code>

Element FCR_CancerScreening / Schema_version

Namespace	No namespace
Diagram	<p>The diagram shows a blue box labeled 'Schema_version' with 'Type' and 'xs:string' below it. A circle with a horizontal line connects this box to a purple box labeled 'xs:string'. A callout box points to the 'xs:string' box with the text: 'Built-in primitive type. The string datatype represents character strings in XML.'</p>
Type	xs:string
Properties	content: simple
Source	<code><xs:element name="Schema_version" type="xs:string"/></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="0"> <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><xs:element name="Transmitter_OID" 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></pre>	

Element FCR_CancerScreening / File_creation_timestamp

Namespace	No namespace	
Diagram		
Type	xs:dateTime	
Properties	content:	simple
	minOccurs:	1
	maxOccurs:	1
Source	<pre><xs:element name="File_creation_timestamp" minOccurs="1" maxOccurs="1" type="xs:dateTime"/></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><Person> <Personal_identity_code>{1,1}</Personal_identity_code> <Surname>{1,1}</Surname> <Firstnames>{1,1}</Firstnames> <Municipality>{1,1}</Municipality> <Language_code>{1,1}</Language_code> <Address>{0,unbounded}</Address> <Screening>{1,unbounded}</Screening> </Person></pre>	
Source	<pre><xs:element name="Person" minOccurs="1" maxOccurs="unbounded"> <xs:complexType> <xs:sequence> <xs:element name="Personal_identity_code" minOccurs="1" maxOccurs="1"> <xs:simpleType></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="unbounded">
        <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>

```

[illegible]

Element FCR_CancerScreening / Person / Personal_identity_code

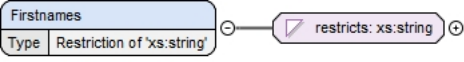
Namespace	No namespace						
Diagram							
Type	restriction of xs:token						
Properties	<table border="1"> <tr> <td>content:</td><td>simple</td></tr> <tr> <td>minOccurs:</td><td>1</td></tr> <tr> <td>maxOccurs:</td><td>1</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1
content:	simple						
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> <xs:element name="Personal_identity_code" minOccurs="1" maxOccurs="1"> <xs:simpleType> <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> </pre>						

Element FCR_CancerScreening / Person / Surname

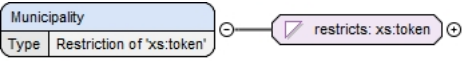
Namespace	No namespace						
Diagram	<p>The diagram shows a class box for 'Surname' with a compartment for 'Type' containing the text 'Restriction of xs:string'. A line connects this compartment to a restriction box labeled 'restricts: xs:string'.</p>						
Type	restriction of xs:string						
Properties	<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><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></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><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></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><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></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><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></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 --> Address_type Address --> Street_address Address --> Postal_code Address --> City Address --> Start_date Address --> 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><Address> <Address_type>{1,1}</Address_type> <Street_address>{1,1}</Street_address> <Postal_code>{1,1}</Postal_code> <City>{1,1}</City> <Start_date>{1,1}</Start_date> <End_date>{1,1}</End_date> </Address></pre>								
Source	<pre><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:sequence> </xs:complexType> </xs:element></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><xs:element name="Address_type" minOccurs="1" maxOccurs="1" type="xs:int"/></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> <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> </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><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></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><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></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><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></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><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></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> <Screening> <Screening_type>{1,1}</Screening_type> <Screening_id>{1,1}</Screening_id> <Screening_year>{1,1}</Screening_year> <Screening_municipality>{1,1}</Screening_municipality> <Health_area_code>{1,1}</Health_area_code> <Screening_laboratory_id>{1,1}</Screening_laboratory_id> <Laboratory_screening_id>{1,1}</Laboratory_screening_id> <Service_incident_id>{1,1}</Service_incident_id> <Screening_reason_code>{1,1}</Screening_reason_code> <Planned_screening_method_code>{1,1}</Planned_screening_method_code> <Screening_process_status>{1,1}</Screening_process_status> <Screening_error_code>{1,1}</Screening_error_code> <Invitation>{0,unbounded}</Invitation> </Screening> </pre>
Source	<pre> <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:sequence> </xs:complexType> </xs:element> </pre>

```

        </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">
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        <xs:sequence>
          <xs:element name="Invitation_id" minOccurs="1" maxOccurs="1">
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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"/>
          <xs:element name="Cancellation_reason" 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>
          <!-- 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:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

```

        </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 base="xs:string">
            <xs:maxLength value="64"/>
          </xs:restriction>
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      </xs:element>
      <!-- Preliminary Info -->
      <xs:element name="Preliminary_info" minOccurs="0" maxOccurs="unbounded">
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            <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">
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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: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">
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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="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:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

```

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        <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>
<!-- 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">
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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="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:element>

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        </xs:simpleType>
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:minInclusive value="0"/>
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          </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">
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      <xs:union>
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:length value="0"/>
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        </xs:simpleType>
        <xs:simpleType>
          <xs:restriction base="xs:decimal"/>
        </xs:simpleType>
      </xs:union>
    </xs:simpleType>
  </xs:element>
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nillable="true">
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        <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:simpleType>
</xs:union>
</xs:simpleType>
</xs:element>
<xs:element name="Result_diag" minOccurs="1" maxOccurs="1"
nillable="true">
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        <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>
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</xs:element>
</xs:sequence>
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</xs:element>
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</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 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						
Source	<code><xs:element name="Screening_type" minOccurs="1" maxOccurs="1" type="xs:int"/></code>						

Element ECR_CancerScreening / Person / Screening / Screening_id

Namespace	No namespace								
Diagram	<p>The diagram shows a class named 'Screening_id' with a type 'Union of (restriction of 'xs:string', restriction of 'xs:int')'. It is connected to a union of two anonymous types, each represented by a purple box with a white triangle and a circle containing a plus sign.</p>								
Type	union of(restriction of xs:string, xs:int)								
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>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre><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:union> </xs:element></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	<pre><xs:element name="Screening_year" minOccurs="1" maxOccurs="1" type="xs:int"/></pre>						

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> <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> </pre>						

Element FCR_CancerScreening / Person / Screening / Health_area_code

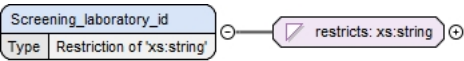
Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre> <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> </pre>								

```

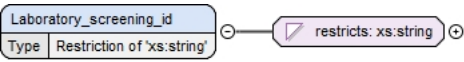
</xs:simpleType>
</xs:union>
</xs:simpleType>
</xs:element>

```

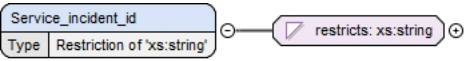
Element FCR_CancerScreening / Person / Screening / Screening_laboratory_id

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> <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> </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> <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> </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> <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> </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><xs:element name="Screening_reason_code" minOccurs="1" maxOccurs="1" type="xs:int"/></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> <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> </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><xs:element name="Screening_process_status" minOccurs="1" maxOccurs="1" type="xs:int"/></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><xs:element name="Screening_error_code" minOccurs="1" maxOccurs="1" type="xs:int"/></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> <Invitation> <Invitation_id>{1,1}</Invitation_id> <Invitation_type_code>{1,1}</Invitation_type_code> <Invitation_creation_date>{1,1}</Invitation_creation_date> <Suggested_control_time>{1,1}</Suggested_control_time> <Cancellation_reason>{1,1}</Cancellation_reason> <Notice>{0,unbounded}</Notice> <Control>{0,unbounded}</Control> </Invitation> </pre>						
Source	<pre> <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> </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="unbounded">
        <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>

```

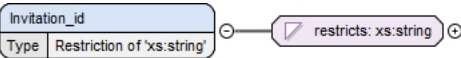


```

        </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>

```

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> <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> </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><xs:element name="Invitation_type_code" minOccurs="1" maxOccurs="1" type="xs:int"/></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><xs:element name="Invitation_creation_date" minOccurs="1" maxOccurs="1" type="xs:date"/></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><xs:element name="Suggested_control_time" minOccurs="1" maxOccurs="1" type="xs:dateTime" nullable="true"/></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><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></pre>

Element FCR_CancerScreening / Person / Screening / Invitation / Notice

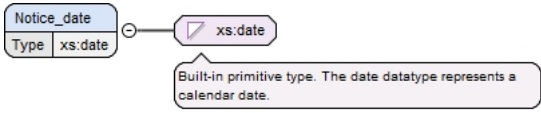
Namespace	No namespace
Diagram	
Properties	content: complex minOccurs: 0 maxOccurs: unbounded
Model	Notice_type , Notice_date
Children	Notice_date, Notice_type
Instance	<pre><Notice> <Notice_type>{1,1}</Notice_type> <Notice_date>{1,1}</Notice_date> </Notice></pre>
Source	<pre><xs:element name="Notice" 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></pre>

Element FCR_CancerScreening / Person / Screening / Invitation / Notice / Notice_type

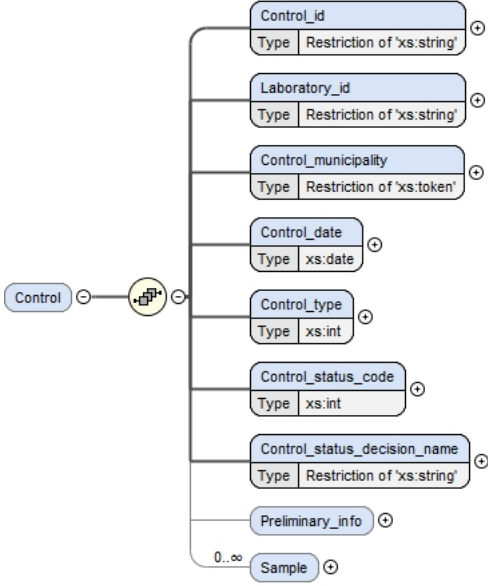
Namespace	No namespace
Diagram	
Type	xs:int
Properties	content: simple minOccurs: 1 maxOccurs: 1
Source	<pre><xs:element name="Notice_type" minOccurs="1" maxOccurs="1" type="xs:int"/></pre>

Element FCR_CancerScreening / Person / Screening / Invitation / Notice / Notice_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> <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><xs:element name="Notice_date" minOccurs="1" maxOccurs="1" type="xs:date" nillable="false"/></code>								

Element FCR_CancerScreening / Person / Screening / Invitation / Control

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	Control_id , Laboratory_id , Control_municipality , Control_date , Control_type , Control_status_code , Control_status_decision_name , Preliminary_info{0,unbounded} , Sample*						
Children	Control_date, Control_id, Control_municipality, Control_status_code, Control_status_decision_name, Control_type, Laboratory_id, Preliminary_info, Sample						
Instance	<pre> <Control> <Control_id>{1,1}</Control_id> <Laboratory_id>{1,1}</Laboratory_id> <Control_municipality>{1,1}</Control_municipality> <Control_date>{1,1}</Control_date> <Control_type>{1,1}</Control_type> <Control_status_code>{1,1}</Control_status_code> <Control_status_decision_name>{1,1}</Control_status_decision_name> <Preliminary_info>{0,unbounded}</Preliminary_info> <Sample>{0,unbounded}</Sample> </Control> </pre>						
Source	<pre> <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"> </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="unbounded">
    <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:element>

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        <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>

```

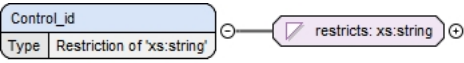


```

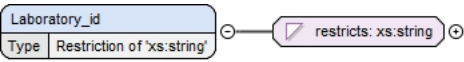
<xs:restriction base="xs:string">
  <xs:maxLength value="64"/>
  <xs:pattern value="([0-9.])*/>
</xs:restriction>
</xs:simpleType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>

```

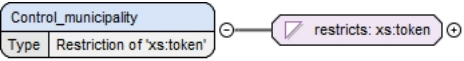
Element FCR_CancerScreening / Person / Screening / Invitation / Control / Control_id

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> <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> </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> <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> </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><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></pre>

Element FCR_CancerScreening / Person / Screening / Invitation / Control / Control_date

Namespace	No namespace
Diagram	<pre>graph LR Control_date[Control_date] --- xs_date[xs:date] Control_date --- Type[Type] Type --- xs_date Note[Built-in primitive type. The date datatype represents a calendar date.] --- xs_date</pre>
Type	xs:date
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
Source	<pre><xs:element name="Control_date" minOccurs="1" maxOccurs="1" type="xs:date"/></pre>

Element FCR_CancerScreening / Person / Screening / Invitation / Control / Control_type

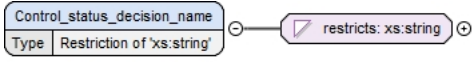
Namespace	No namespace
Diagram	<pre>graph LR Control_type[Control_type] --- xs_int[xs:int] Control_type --- Type[Type] Type --- xs_int Note[Built-in derived type. The int datatype is derived from long by setting the value of maxInclusive to be 2147483647 and...] --- xs_int</pre>
Type	xs:int
Properties	content: simple
	minOccurs: 1
	maxOccurs: 1
Source	<pre><xs:element name="Control_type" minOccurs="1" maxOccurs="1" type="xs:int"/></pre>

Element FCR_CancerScreening / Person / Screening / Invitation / Control / Control_status_code

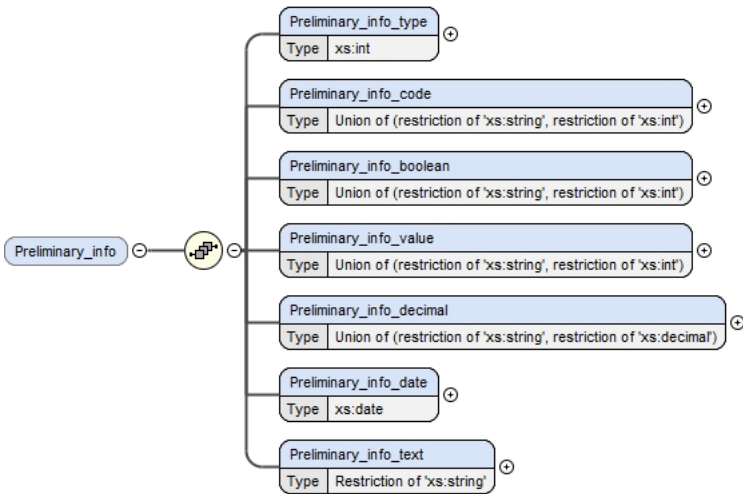
Namespace	No namespace
Diagram	<pre>graph LR Control_status_code[Control_status_code] --- xs_int[xs:int] Control_status_code --- Type[Type] Type --- xs_int Note[Built-in derived type. The int datatype is derived from long by setting the value of maxInclusive to be 2147483647 and...] --- xs_int</pre>
Type	xs:int
Properties	content: simple
	minOccurs: 1

	maxOccurs: 1
Source	<code><xs:element name="Control_status_code" minOccurs="1" maxOccurs="1" type="xs:int"/></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	<pre><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></pre>								

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>unbounded</td></tr> </table>	content:	complex	minOccurs:	0	maxOccurs:	unbounded
content:	complex						
minOccurs:	0						
maxOccurs:	unbounded						
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	<pre><Preliminary_info> <Preliminary_info_type>{1,1}</Preliminary_info_type> <Preliminary_info_code>{1,1}</Preliminary_info_code> <Preliminary_info_boolean>{1,1}</Preliminary_info_boolean> <Preliminary_info_value>{1,1}</Preliminary_info_value> <Preliminary_info_decimal>{1,1}</Preliminary_info_decimal> <Preliminary_info_date>{1,1}</Preliminary_info_date> <Preliminary_info_text>{1,1}</Preliminary_info_text></pre>						

	</Preliminary_info>
Source	<pre> <xs:element name="Preliminary_info" minOccurs="0" maxOccurs="unbounded"> <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> </pre>

Element FCR_CancerScreening / Person / Screening / Invitation / Control / Preliminary_info / Preliminary_info_type

Namespace	No namespace
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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><xs:element name="Preliminary_info_type" minOccurs="1" maxOccurs="1" type="xs:int"/></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> <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> </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> <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> </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><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></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><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></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><xs:element name="Preliminary_info_date" minOccurs="1" maxOccurs="1" type="xs:date" nillable="true"/></pre>	

Element FCR_CancerScreening / Person / Screening / Invitation / Control / Preliminary_info / Preliminary_info_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>1024</td></tr></table>	maxLength	1024						
maxLength	1024								
Source	<pre><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></pre>								

Element FCR_CancerScreening / Person / Screening / Invitation / Control / Sample

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	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><Sample> <Sample_id>{1,1}</Sample_id></pre>						

	<pre> <Sample_type>{1,1}</Sample_type> <Sample_tool>{1,1}</Sample_tool> <Sample_laterality>{1,1}</Sample_laterality> <Sample_date>{1,1}</Sample_date> <Sample_success>{1,1}</Sample_success> <Sample_doer>{1,1}</Sample_doer> <Analysis>{0,unbounded}</Analysis> <Result>{0,unbounded}</Result> </Sample> </pre>
Source	<pre> <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"> <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> </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 -->
<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:simpleType>
          </xs:union>
        </xs:simpleType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>

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```

        <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>

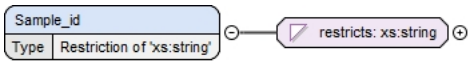
```

```

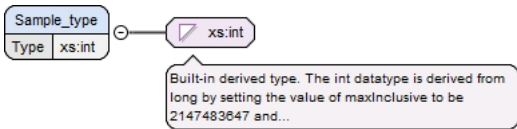
</xs:sequence>
</xs:complexType>
</xs:element>

```

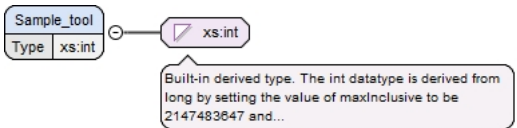
Element FCR_CancerScreening / Person / Screening / Invitation / Control / Sample / Sample_id

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> <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> </pre>						

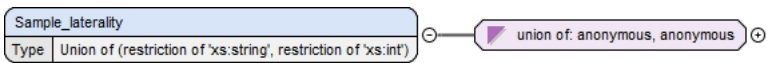
Element FCR_CancerScreening / Person / Screening / Invitation / Control / Sample / Sample_type

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> <xs:element name="Sample_type" minOccurs="1" maxOccurs="1" type="xs:int"/> </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> <xs:element name="Sample_tool" minOccurs="1" maxOccurs="1" type="xs:int"/> </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><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></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><xs:element name="Sample_date" minOccurs="1" maxOccurs="1" type="xs:date"/></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><xs:element name="Sample_success" minOccurs="1" maxOccurs="1" type="xs:int"/></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><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></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><Analysis> <Analysis_type>{1,1}</Analysis_type> <Analysis_code>{1,1}</Analysis_code> <Analysis_boolean>{1,1}</Analysis_boolean> <Analysis_value>{1,1}</Analysis_value> <Analysis_decimal>{1,1}</Analysis_decimal> <Analysis_text>{1,1}</Analysis_text> <Analysis_date>{1,1}</Analysis_date> <Analyst_doer>{1,1}</Analyst_doer> <Analyst_org>{1,1}</Analyst_org> </Analysis></pre>						
Source	<pre><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:union> </xs:simpleType> </xs:element> </xs:sequence> </xs:complexType> </xs:element></pre>						

```

        </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>

```

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><xs:element name="Analysis_type" minOccurs="1" maxOccurs="1" type="xs:int"/></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> <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> </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> <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"> </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> <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> </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> <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> </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><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></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><xs:element name="Analysis_date" minOccurs="1" maxOccurs="1" type="xs:date"/></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><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></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><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></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><Result> <Result_type>{1,1}</Result_type> <Result_code>{1,1}</Result_code> <Result_boolean>{1,1}</Result_boolean> <Result_value>{1,1}</Result_value> <Result_decimal>{1,1}</Result_decimal> <Result_text>{1,1}</Result_text> <Result_date>{1,1}</Result_date> <Result_doer>{1,1}</Result_doer> <Result_diag_codeset>{1,1}</Result_diag_codeset> <Result_diag>{1,1}</Result_diag> <Result_org>{1,1}</Result_org> </Result></pre>	
Source	<pre><xs:element name="Result" minOccurs="0" maxOccurs="unbounded"></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><xs:element name="Result_type" minOccurs="1" maxOccurs="1" type="xs:int" /></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> <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> </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><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></pre>								

Element FCR_CancerScreening / Person / Screening / Invitation / Control / Sample / Result / Result_value

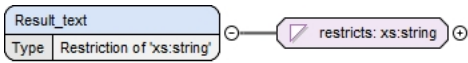
Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre><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></pre>								

Element FCR_CancerScreening / Person / Screening / Invitation / Control / Sample / Result / Result_decimal

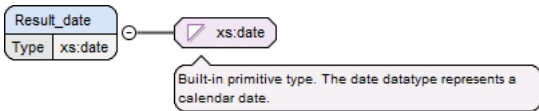
Namespace	No namespace		
Diagram			
Type	union of(restriction of xs:string, xs:decimal)		
Properties	<table> <tr><td>content:</td><td>simple</td></tr> </table>	content:	simple
content:	simple		

	minOccurs: 1
	maxOccurs: 1
	nillable: true
Source	<pre><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></pre>

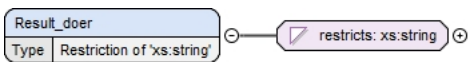
Element FCR_CancerScreening / Person / Screening / Invitation / Control / Sample / Result / Result_text

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><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></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><xs:element name="Result_date" minOccurs="1" maxOccurs="1" type="xs:date"/></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><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></pre>

Element FCR_CancerScreening / Person / Screening / Invitation / Control / Sample / Result / Result_diag_codeset

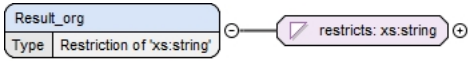
Namespace	No namespace								
Diagram									
Type	union of(restriction of xs:string, xs:int)								
Properties	<table> <tr><td>content:</td><td>simple</td></tr> <tr><td>minOccurs:</td><td>1</td></tr> <tr><td>maxOccurs:</td><td>1</td></tr> <tr><td>nillable:</td><td>true</td></tr> </table>	content:	simple	minOccurs:	1	maxOccurs:	1	nillable:	true
content:	simple								
minOccurs:	1								
maxOccurs:	1								
nillable:	true								
Source	<pre><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></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><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></pre>								

Element FCR_CancerScreening / Person / Screening / Invitation / Control / Sample / Result / Result_org

Namespace	No namespace
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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><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></pre>								