Schema documentation for resection@colon_CCO.xsd

1 october 2009

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Attribute pert:prefix / @value 81
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Attribute pert:classification / @value 82
Attribute pert:T / @other_value 82
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Attribute pert:T / @value 82
Attribute pert:N / @other_value 83
Attribute pert:N / @value 83
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Namespace: "http://www.cap.org/pert/2009/01/"

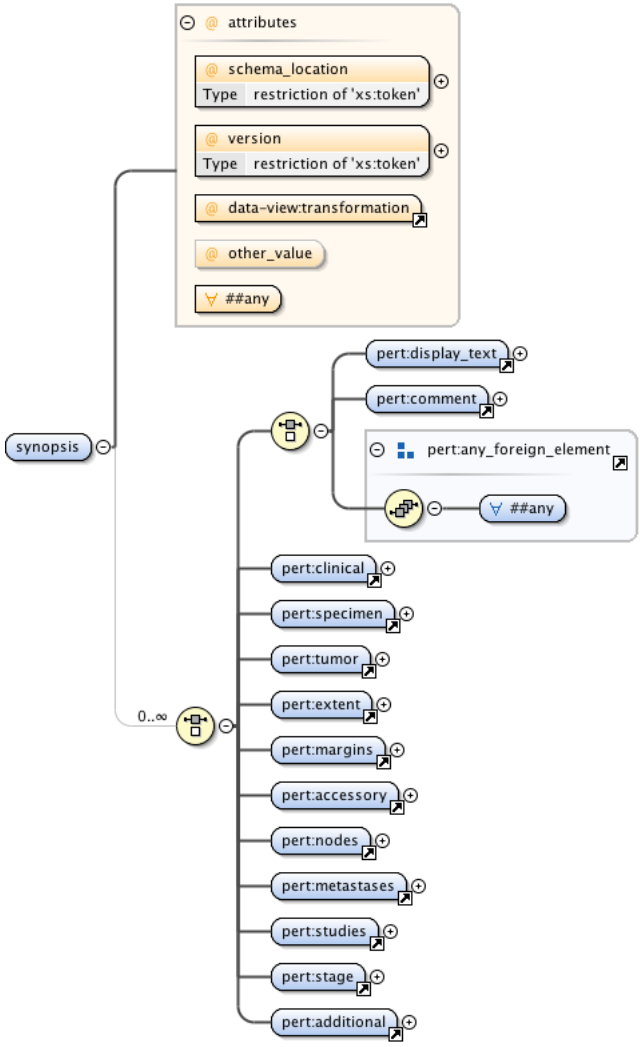
Schemas

Main schema `resection@colon_CCO.xsd`

Namespace	http://www.cap.org/pert/2009/01/
Properties	attribute form default: `unqualified`
	element form default: `qualified`

Elements

Element `pert:synopsis`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: `complex` mixed: `true`
Model	pert:display_text | pert:comment | (ANY element from ANY namespace) | pert:clinical | pert:specimen | pert:tumor | pert:extent | pert:margins | pert:accessory | pert:nodes | pert:metastases | pert:studies | pert:stage | pert:additional
Children	pert:accessory, pert:additional, pert:clinical, pert:comment, pert:display_text, pert:extent, pert:margins, pert:metastases, pert:nodes, pert:specimen, pert:stage, pert:studies, pert:tumor

`Instance`	`<pert:synopsis other_value="" pert:schema_location="" data-view:transformation="" pert:version="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`  <pert:clinical other_value="">{1,1}</pert:clinical>`
	`  <pert:specimen other_value="">{1,1}</pert:specimen>`
	`  <pert:tumor other_value="">{1,1}</pert:tumor>`
	`  <pert:extent other_value="">{1,1}</pert:extent>`
	`  <pert:margins other_value="">{1,1}</pert:margins>`
	`  <pert:accessory other_value="">{1,1}</pert:accessory>`
	`  <pert:nodes other_value="">{1,1}</pert:nodes>`
	`  <pert:metastases other_value="">{1,1}</pert:metastases>`
	`  <pert:studies other_value="">{1,1}</pert:studies>`
	`  <pert:stage other_value="">{1,1}</pert:stage>`
	`  <pert:additional other_value="">{1,1}</pert:additional>`
	`</pert:synopsis>`

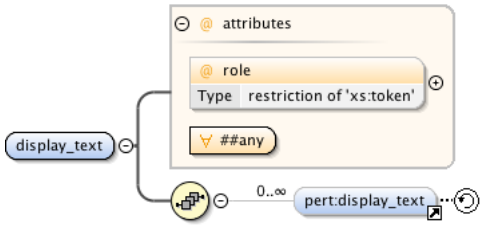
Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
data-view:transformation				required
other_value				optional
pert:schema_location	restriction of xs:token			required
pert:version	restriction of xs:token			required

Source

```
<xs:element name="synopsis">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:choice>
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="pert:clinical"/>
      <xs:element ref="pert:specimen"/>
      <xs:element ref="pert:tumor"/>
      <xs:element ref="pert:extent"/>
      <xs:element ref="pert:margins"/>
      <xs:element ref="pert:accessory"/>
      <xs:element ref="pert:nodes"/>
      <xs:element ref="pert:metastases"/>
      <xs:element ref="pert:studies"/>
      <xs:element ref="pert:stage"/>
      <xs:element ref="pert:additional"/>
    </xs:choice>
    <xs:attribute name="schema_location" use="required" form="qualified">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="http://purl.oclc.org/medical/reporting/report/cap-cancer/
resection/resection@colon.rng"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="version" use="required" form="qualified">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="0.1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute ref="data-view:transformation" use="required"/>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:display_text`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	

Properties		
	content:	complex
	mixed:	true
Used by	Elements	colon:adjacent_structure, colon:configuration, colon:deepest_invasion, colon:discontinuous_extramural_extension, colon:high_grade, colon:immune_Response, colon:intratumoral_Response, colon:medullary_Component, colon:mucinous_Component, colon:peritumoral_Response, colon:polyp, colon:preexisting_polyp, colon:suggest_microsatellite_instability, colon:tumor_perforation, pert:M, pert:N, pert:T, pert:accessory, pert:additional, pert:classification, pert:clinical, pert:clinical_finding, pert:comment, pert:dimension, pert:display_text, pert:distance, pert:extent, pert:extracapsular, pert:finding, pert:grade, pert:histologic_type, pert:integrity, pert:invasion,

	pert:largest_met, pert:lymphovascular_invasion, pert:margin, pert:margins, pert:metastases, pert:metastasis, pert:node_group, pert:node_status, pert:nodes, pert:perineural_invasion, pert:prefix, pert:prior_therapy, pert:procedure, pert:radiologic_finding, pert:site, pert:size, pert:specimen, pert:stage, pert:studies, pert:synopsis, pert:treatment_effect, pert:tumor, pert:tumor_location, pert:venous_invasion, pert:weight
Model	pert:display_text*
Children	pert:display_text

`Instance`

```
<pert:display_text role="">
  <pert:display_text role="">{0,unbounded}</pert:display_text>
</pert:display_text>
```

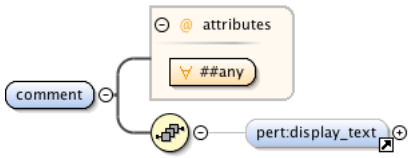
Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
role	restriction of xs:token			optional

`Source`

```
<xs:element name="display_text">
  <xs:complexType mixed="true">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="pert:display_text"/>
    </xs:sequence>
    <xs:attribute name="role">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="label"/>
          <xs:enumeration value="value"/>
          <xs:enumeration value="other"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:comment`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: `complex` mixed: `true`
Used by	Elements: colon:adjacent_structure, colon:configuration, colon:deepest_invasion, colon:discontinuous_extramural_extension, colon:high_grade, colon:immune_Response, colon:intratumoral_Response, colon:medullary_Component, colon:mucinous_Component, colon:peritumoral_Response, colon:polyp, colon:preexisting_polyp, colon:suggest_microsatellite_instability, colon:tumor_perforation, pert:M, pert:N, pert:T, pert:accessory, pert:additional, pert:classification, pert:clinical, pert:clinical_finding, pert:dimension, pert:distance, pert:extent, pert:extracapsular, pert:finding, pert:grade, pert:histologic_type, pert:integrity, pert:invasion, pert:largest_met, pert:lymphovascular_invasion, pert:margin, pert:margins, pert:metastases, pert:metastasis, pert:node_group, pert:node_status, pert:nodes, pert:perineural_invasion, pert:prefix, pert:prior_therapy, pert:procedure, pert:radiologic_finding, pert:site, pert:size, pert:specimen, pert:stage, pert:studies, pert:synopsis, pert:treatment_effect, pert:tumor, pert:tumor_location, pert:venous_invasion, pert:weight
Model	pert:display_text{0,1}
Children	pert:display_text

`Instance`

```
<pert:comment>
  <pert:display_text role="">{0,1}</pert:display_text>
</pert:comment>
```

Attributes

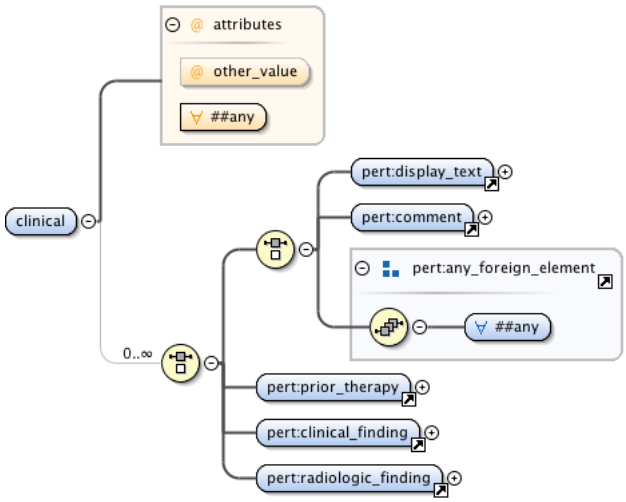
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				

`Source`

```
<xs:element name="comment">
```

```
  <xs:complexType mixed="true">
    <xs:sequence>
      <xs:element minOccurs="0" ref="pert:display_text"/>
    </xs:sequence>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:clinical`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: `complex` mixed: `true`
Used by	Element pert:synopsis
Model	pert:display_text | pert:comment | (ANY element from ANY namespace) | pert:prior_therapy | pert:clinical_finding | pert:radiologic_finding
Children	pert:clinical_finding, pert:comment, pert:display_text, pert:prior_therapy, pert:radiologic_finding

`Instance`	`<pert:clinical other_value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`  <pert:prior_therapy date="" description="" other_value="">{1,1}</pert:prior_therapy>`
	`  <pert:clinical_finding other_value="" value="">{1,1}</pert:clinical_finding>`
	`  <pert:radiologic_finding other_value="" value="">{1,1}</pert:radiologic_finding>`
	`</pert:clinical>`

Attributes

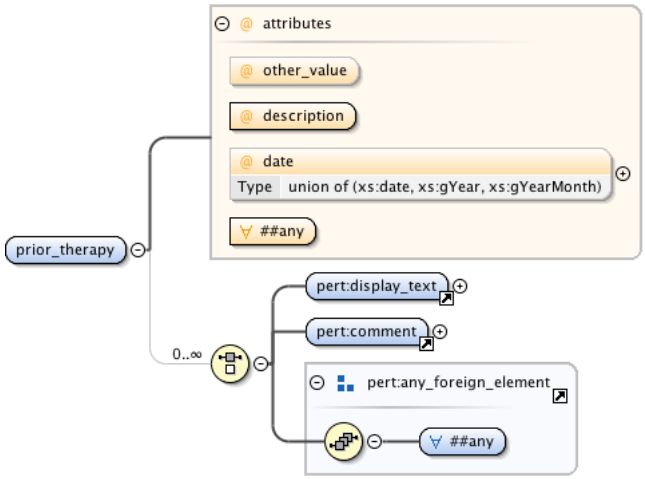
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional

`Source`

```
<xs:element name="clinical">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:choice>
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="pert:prior_therapy"/>
      <xs:element ref="pert:clinical_finding"/>
      <xs:element ref="pert:radiologic_finding"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:prior_therapy`

Namespace	http://www.cap.org/pert/2009/01/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:clinical
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

Instance	`<pert:prior_therapy date="" description="" other_value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</pert:prior_therapy>`

Attributes

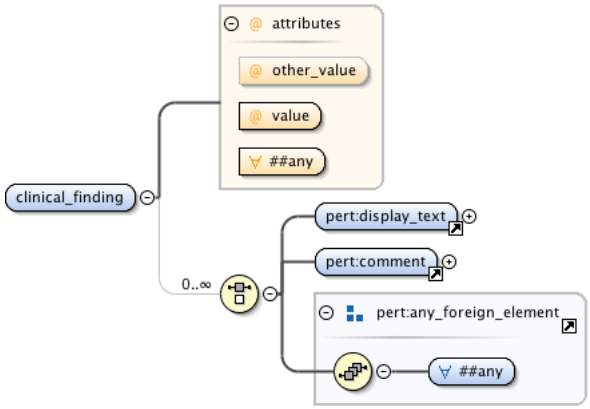
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
date	union of(xs:date, xs:gYear, xs:gYearMonth)			optional
description				required
other_value				optional

Source

```
<xs:element name="prior_therapy">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="description" use="required"/>
    <xs:attribute name="date">
      <xs:simpleType>
        <xs:union memberTypes="xs:date xs:gYear xs:gYearMonth"/>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element pert:clinical_finding

Namespace	http://www.cap.org/pert/2009/01/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:clinical
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

Instance	`<pert:clinical_finding other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</pert:clinical_finding>`

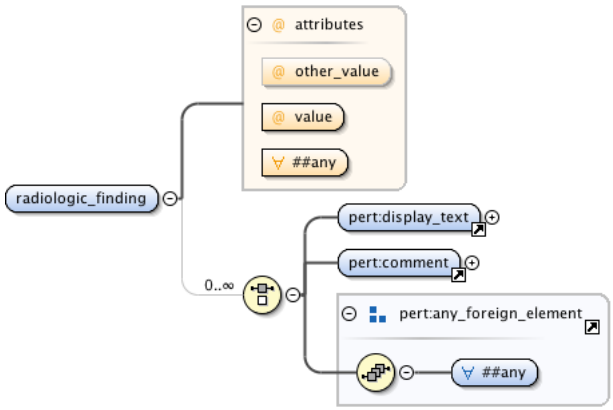
Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value				required

Source

```
<xs:element name="clinical_finding">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element pert:radiologic_finding

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: complex mixed: true

Used by	Element pert:clinical
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

Instance	`<pert:radiologic_finding other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</pert:radiologic_finding>`

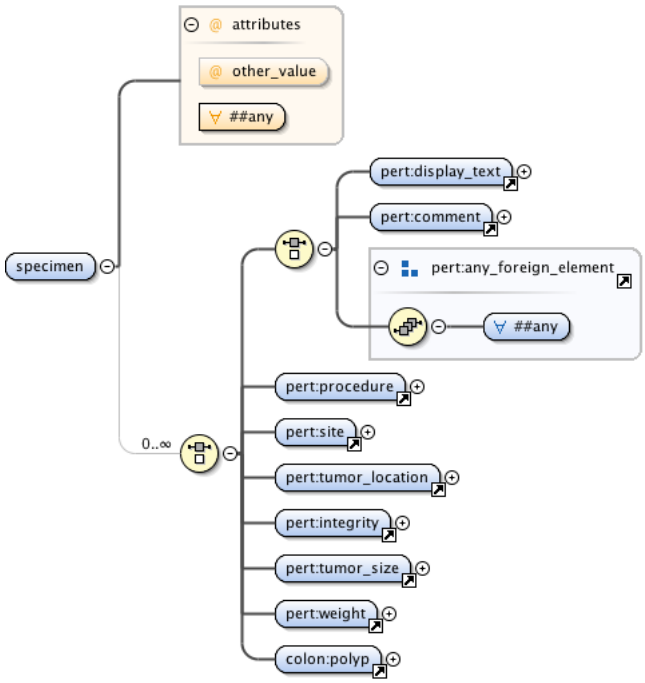
Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value				required

Source

```
<xs:element name="radiologic_finding">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:specimen`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	

Properties	content:	complex
	mixed:	true
Used by	Element	pert:synopsis
Model	pert:display_text | pert:comment | (ANY element from ANY namespace) | pert:procedure | pert:site | pert:tumor_location | pert:integrity | pert:tumor_size | pert:weight | colon:polyp	
Children	colon:polyp, pert:comment, pert:display_text, pert:integrity, pert:procedure, pert:site, pert:tumor_location, pert:tumor_size, pert:weight	

Instance	`<pert:specimen other_value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`	

```
  <pert:procedure other_value="" value="">{1,1}</pert:procedure>
  <pert:site other_value="" value="">{1,1}</pert:site>
  <pert:tumor_location other_value="" value="">{1,1}</pert:tumor_location>
  <pert:integrity other_value="" value="">{1,1}</pert:integrity>
  <pert:tumor_size>{1,1}</pert:tumor_size>
  <pert:weight other_value="" unit="" value="">{1,1}</pert:weight>
  <colon:polyp other_value="">{1,1}</colon:polyp>
</pert:specimen>
```

Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional

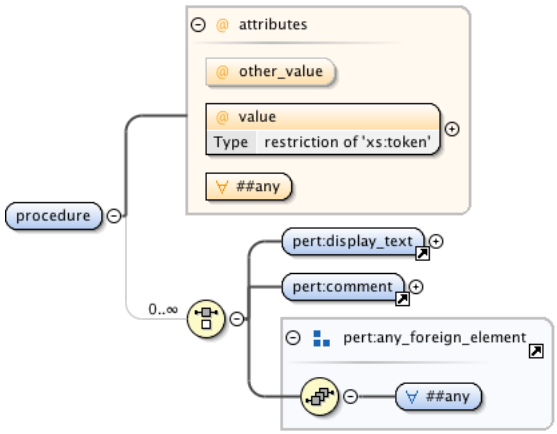
Source

```
<xs:element name="specimen">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:choice>
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="pert:procedure"/>
      <xs:element ref="pert:site"/>
      <xs:element ref="pert:tumor_location"/>
      <xs:element ref="pert:integrity"/>
      <xs:element ref="pert:tumor_size"/>
      <xs:element ref="pert:weight"/>
      <xs:element ref="colon:polyp"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:procedure`

Namespace: http://www.cap.org/pert/2009/01/

Diagram



Properties

content:	complex
mixed:	true

Used by: Element pert:specimen

Model: pert:display_text | pert:comment | (ANY element from ANY namespace)

Children: pert:comment, pert:display_text

Instance

```
<pert:procedure other_value="" value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
</pert:procedure>
```

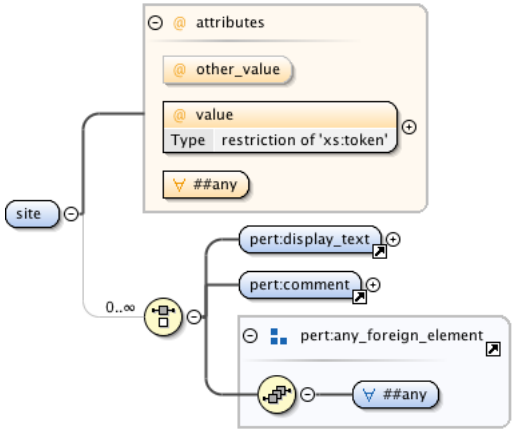
Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

Source

```
<xs:element name="procedure">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="total_colectomy"/>
          <xs:enumeration value="right_hemicolectomy"/>
          <xs:enumeration value="transverse_colectomy"/>
          <xs:enumeration value="left_hemicolectomy"/>
          <xs:enumeration value="segmental_colectomy"/>
          <xs:enumeration value="abdominoperineal_resection"/>
          <xs:enumeration value="proctocolectomy"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:site`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	

Properties	content:	complex
	mixed:	true
Used by	Element	pert:specimen
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)	
Children	pert:comment, pert:display_text	

Instance

```
<pert:site other_value="" value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
</pert:site>
```

Attributes

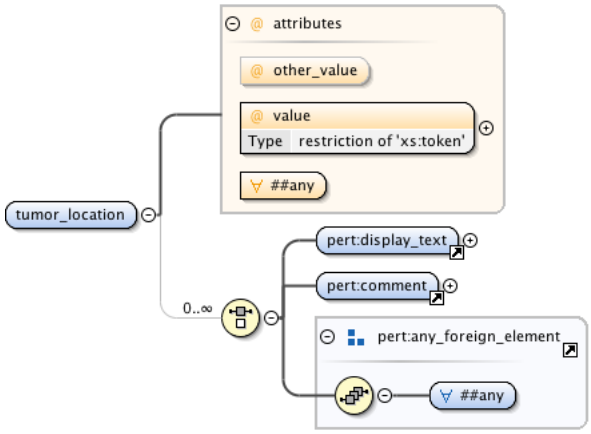
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

Source

```
<xs:element name="site">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
```

```
          <xs:enumeration value="cecum"/>
          <xs:enumeration value="right_colon"/>
          <xs:enumeration value="hepatic_flexure"/>
          <xs:enumeration value="transverse_colon"/>
          <xs:enumeration value="splenic_flexure"/>
          <xs:enumeration value="left_colon"/>
          <xs:enumeration value="sigmoid_colon"/>
          <xs:enumeration value="rectum"/>
          <xs:enumeration value="anus"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:tumor_location`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: `complex` mixed: `true`
Used by	Element pert:specimen
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

`Instance`	`<pert:tumor_location other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</pert:tumor_location>`

Attributes

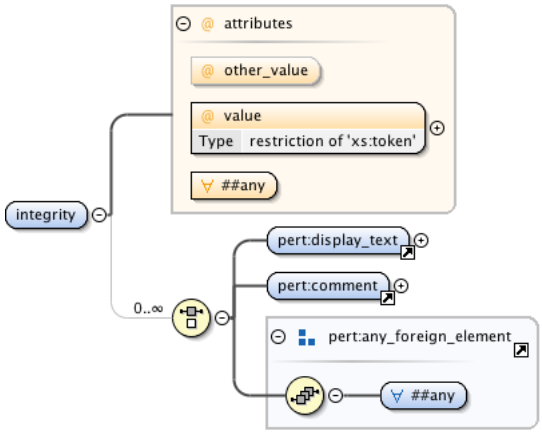
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

`Source`

```
<xs:element name="tumor_location">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="cecum"/>
          <xs:enumeration value="right_colon"/>
          <xs:enumeration value="hepatic_flexure"/>
          <xs:enumeration value="transverse_colon"/>
          <xs:enumeration value="splenic_flexure"/>
          <xs:enumeration value="left_colon"/>
          <xs:enumeration value="sigmoid_colon"/>
          <xs:enumeration value="rectum"/>
          <xs:enumeration value="anus"/>
```

```
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:integrity`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: `complex` mixed: `true`
Used by	Element pert:specimen
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

`Instance`	`<pert:integrity other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</pert:integrity>`

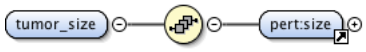
Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

`Source`

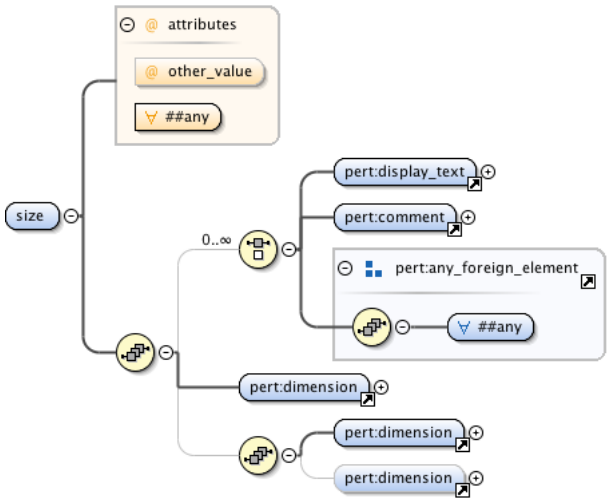
```
<xs:element name="integrity">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="intact"/>
          <xs:enumeration value="fragmented"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:tumor_size`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	

Properties	content:	complex
Used by	Element	pert:specimen
Model	pert:size	
Children	pert:size	
Instance	<pert:tumor_size> <pert:size other_value="">{1,1}</pert:size> </pert:tumor_size>	
Source	<xs:element name="tumor_size"> <xs:complexType> <xs:sequence> <xs:element ref="pert:size"/> </xs:sequence> </xs:complexType> </xs:element>	

Element pert:size

Namespace	http://www.cap.org/pert/2009/01/
Diagram	

Properties	content:	complex
	mixed:	true
Used by	Elements	colon:polyp, pert:extent, pert:metastasis, pert:tumor_size
Model	(pert:display_text | pert:comment | (ANY element from ANY namespace)) , pert:dimension , pert:dimension , pert:dimension{0,1}	
Children	pert:comment, pert:dimension, pert:display_text	
Instance	<pert:size other_value=""> <pert:display_text role="">{1,1}</pert:display_text> <pert:comment>{1,1}</pert:comment> <pert:dimension other_value="" unit="" value="">{1,1}</pert:dimension> </pert:size>	

Attributes

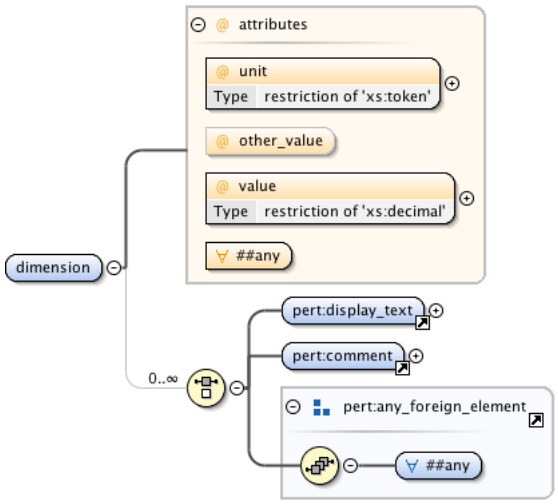
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional

Source

```
<xs:element name="size">
  <xs:complexType mixed="true">
    <xs:sequence>
      <xs:choice minOccurs="0" maxOccurs="unbounded">
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="pert:dimension"/>
      <xs:sequence minOccurs="0">
        <xs:element ref="pert:dimension"/>
        <xs:element minOccurs="0" ref="pert:dimension"/>
      </xs:sequence>
```

```
    </xs:sequence>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:dimension`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: `complex` mixed: `true`
Used by	Element pert:size
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

`Instance`	`<pert:dimension other_value="" unit="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</pert:dimension>`

Attributes

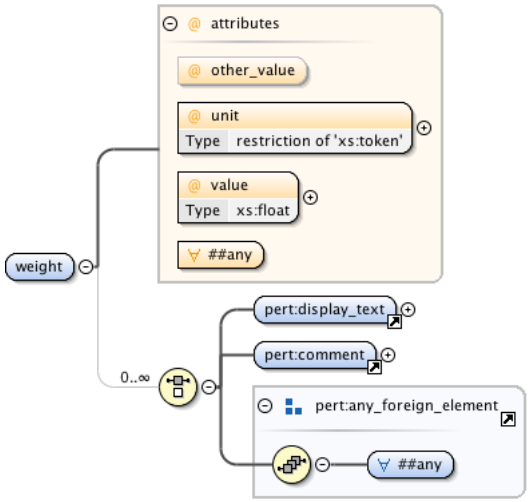
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
unit	restriction of xs:token			required
value	restriction of xs:decimal			required

`Source`

```
<xs:element name="dimension">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="unit" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="mm"/>
          <xs:enumeration value="cm"/>
          <xs:enumeration value="in"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:decimal">
          <xs:minExclusive value="0.0"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
```

```
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:weight`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: `complex` mixed: `true`
Used by	Element pert:specimen
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

`Instance`	`<pert:weight other_value="" unit="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</pert:weight>`

Attributes

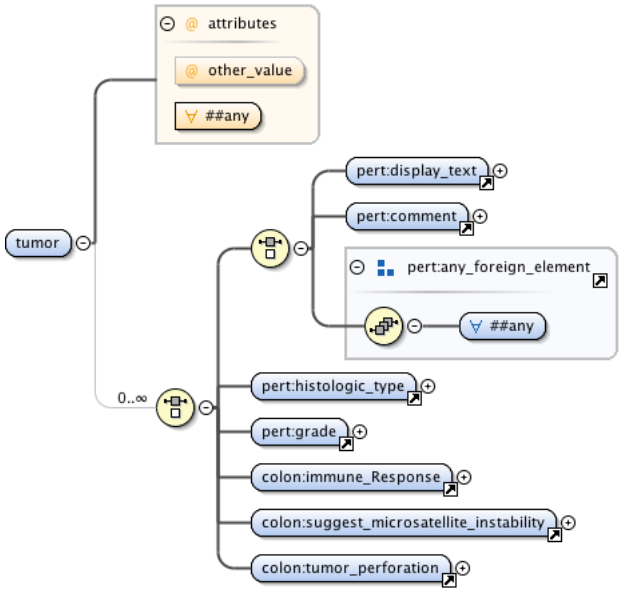
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
unit	restriction of xs:token			required
value	xs:float			required

`Source`

```
<xs:element name="weight">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="unit" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="g"/>
          <xs:enumeration value="kg"/>
          <xs:enumeration value="other"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="value" use="required" type="xs:float"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:tumor`

Namespace	http://www.cap.org/pert/2009/01/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:synopsis
Model	pert:display_text | pert:comment | (ANY element from ANY namespace) | pert:histologic_type | pert:grade | colon:immune_Response | colon:suggest_microsatellite_instability | colon:tumor_perforation
Children	colon:immune_Response, colon:suggest_microsatellite_instability, colon:tumor_perforation, pert:comment, pert:display_text, pert:grade, pert:histologic_type

Instance

```
<pert:tumor other_value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
  <pert:histologic_type other_value="" value="">{1,1}</pert:histologic_type>
  <pert:grade grading_system="" other_value="" value="">{1,1}</pert:grade>
  <colon:immune_Response other_value="">{1,1}</colon:immune_Response>
  <colon:suggest_microsatellite_instability other_value="">{1,1}</
colon:suggest_microsatellite_instability>
  <colon:tumor_perforation other_value="" value="">{1,1}</colon:tumor_perforation>
</pert:tumor>
```

Attributes

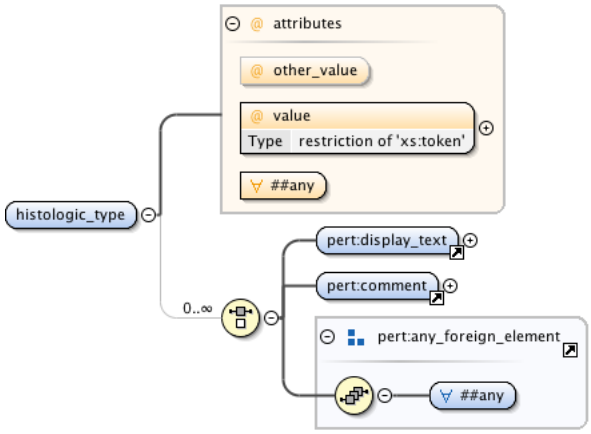
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional

Source

```
<xs:element name="tumor">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:choice>
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="pert:histologic_type"/>
      <xs:element ref="pert:grade"/>
      <xs:element ref="colon:immune_Response"/>
      <xs:element ref="colon:suggest_microsatellite_instability"/>
      <xs:element ref="colon:tumor_perforation"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element pert:histologic_type

Namespace	http://www.cap.org/pert/2009/01/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:tumor
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

`Instance`

```
<pert:histologic_type other_value="" value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
</pert:histologic_type>
```

Attributes

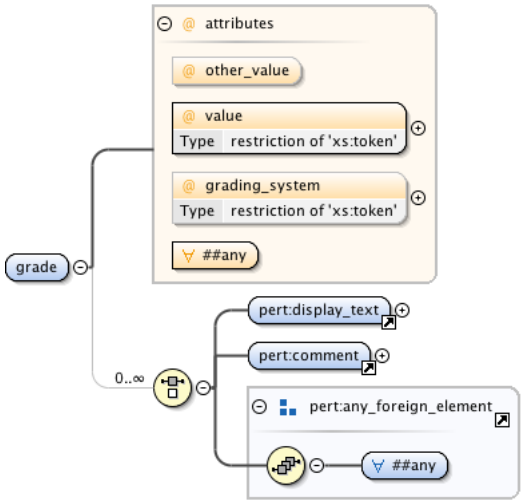
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

`Source`

```
<xs:element name="histologic_type">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="adenocarcinoma"/>
          <xs:enumeration value="mucinous_adenocarcinoma"/>
          <xs:enumeration value="signet-ring_cell_carcinoma"/>
          <xs:enumeration value="small_cell_carcinoma"/>
          <xs:enumeration value="squamous_cell_carcinoma"/>
          <xs:enumeration value="adenosquamous_carcinoma"/>
          <xs:enumeration value="medullary_carcinoma"/>
          <xs:enumeration value="undifferentiated_carcinoma"/>
          <xs:enumeration value="carcinoma_indeterminate_type"/>
          <xs:enumeration value="other"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:grade`

Namespace	http://www.cap.org/pert/2009/01/

Diagram	
Properties	content: `complex` mixed: `true`
Used by	Element pert:tumor
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

`Instance`	`<pert:grade grading_system="" other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</pert:grade>`

Attributes

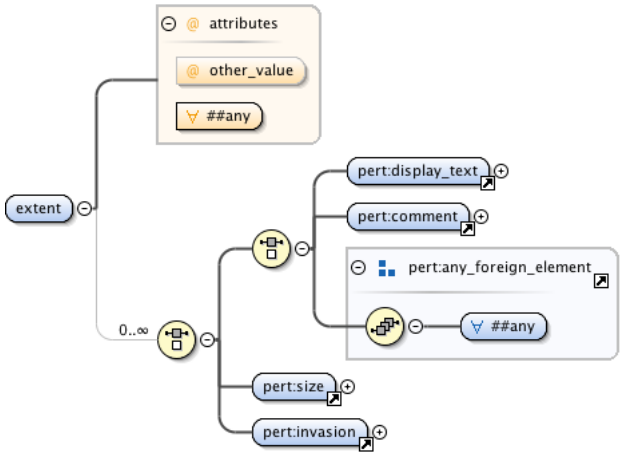
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
grading_system	restriction of xs:token			optional
other_value				optional
value	restriction of xs:token			required

`Source`

```
<xs:element name="grade">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="low"/>
          <xs:enumeration value="high"/>
          <xs:enumeration value="indeterminate"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="grading_system">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="WHO"/>
          <xs:enumeration value="not_specified"/>
          <xs:enumeration value="other"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:extent`

Namespace	http://www.cap.org/pert/2009/01/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:synopsis
Model	pert:display_text | pert:comment | (ANY element from ANY namespace) | pert:size | pert:invasion
Children	pert:comment, pert:display_text, pert:invasion, pert:size

Instance	`<pert:extent other_value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`  <pert:size other_value="">{1,1}</pert:size>`
	`  <pert:invasion other_value="">{1,1}</pert:invasion>`
	`</pert:extent>`

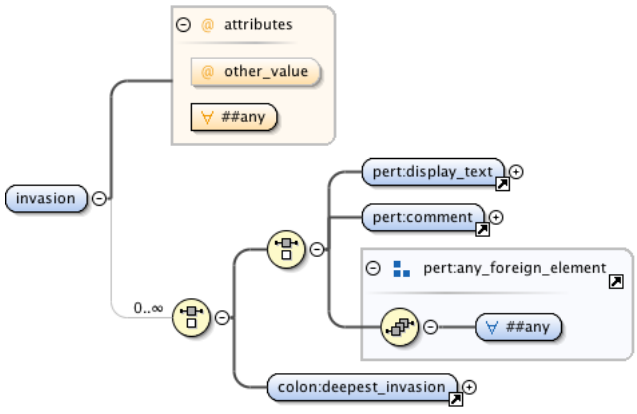
Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional

Source

```
<xs:element name="extent">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:choice>
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="pert:size"/>
      <xs:element ref="pert:invasion"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element pert:invasion

Namespace	http://www.cap.org/pert/2009/01/
Diagram	

Properties	content: complex mixed: true
Used by	Element pert:extent
Model	pert:display_text | pert:comment | (ANY element from ANY namespace) | colon:deepest_invasion
Children	colon:deepest_invasion, pert:comment, pert:display_text

Instance

```
<pert:invasion other_value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
  <colon:deepest_invasion other_value="" value="">{1,1}</colon:deepest_invasion>
</pert:invasion>
```

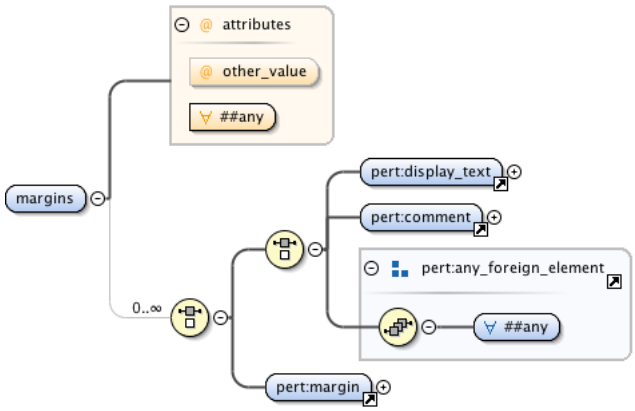
Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional

Source

```
<xs:element name="invasion">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:choice>
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="colon:deepest_invasion"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element pert:margins

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: complex mixed: true
Used by	Element pert:synopsis
Model	pert:display_text | pert:comment | (ANY element from ANY namespace) | pert:margin
Children	pert:comment, pert:display_text, pert:margin

Instance

```
<pert:margins other_value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
  <pert:margin closest="" location="" other_value="" status="">{1,1}</pert:margin>
</pert:margins>
```

Attributes

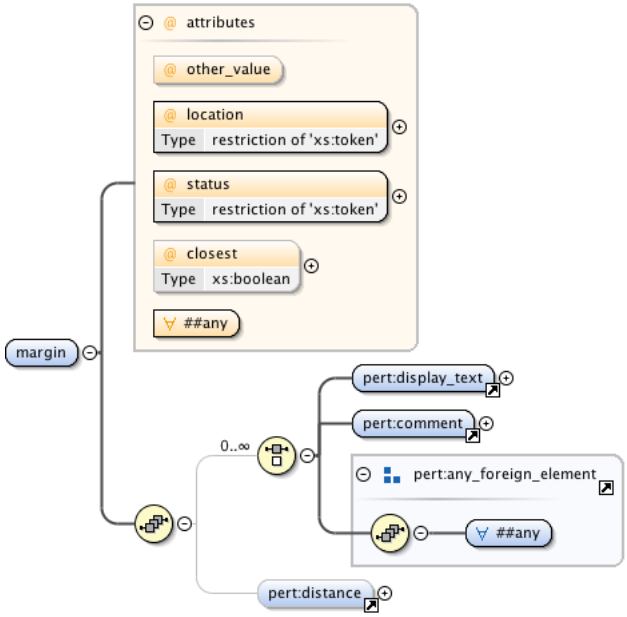
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional

Source

```
<xs:element name="margins">
```

```
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:choice>
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="pert:margin"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:margin`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: `complex` mixed: `true`
Used by	Element pert:margins
Model	(pert:display_text | pert:comment | (ANY element from ANY namespace)) , pert:distance{0,1}
Children	pert:comment, pert:display_text, pert:distance

`Instance`	`<pert:margin closest="" location="" other_value="" status="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`  <pert:distance other_value="" unit="" value="">{0,1}</pert:distance>`
	`</pert:margin>`

Attributes

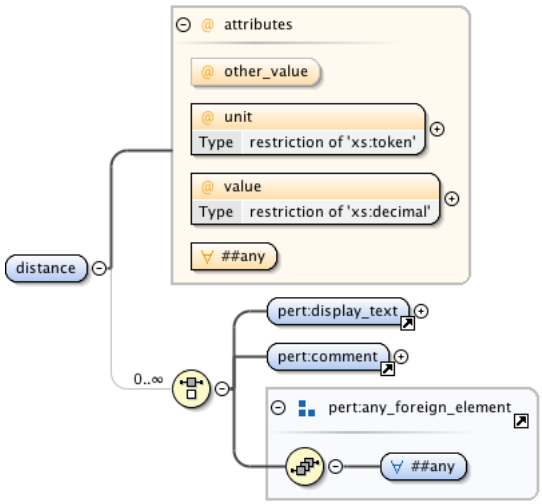
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
closest	xs:boolean			optional
location	restriction of xs:token			required
other_value				optional
status	restriction of xs:token			required

`Source`

```
<xs:element name="margin">
  <xs:complexType mixed="true">
    <xs:sequence>
      <xs:choice minOccurs="0" maxOccurs="unbounded">
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element minOccurs="0" ref="pert:distance"/>
```

```
    </xs:sequence>
    <xs:attribute name="other_value"/>
    <xs:attribute name="location" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="proximal"/>
          <xs:enumeration value="distal"/>
          <xs:enumeration value="circumferential"/>
          <xs:enumeration value="lateral"/>
          <xs:enumeration value="1:00"/>
          <xs:enumeration value="2:00"/>
          <xs:enumeration value="3:00"/>
          <xs:enumeration value="4:00"/>
          <xs:enumeration value="5:00"/>
          <xs:enumeration value="6:00"/>
          <xs:enumeration value="7:00"/>
          <xs:enumeration value="8:00"/>
          <xs:enumeration value="9:00"/>
          <xs:enumeration value="10:00"/>
          <xs:enumeration value="11:00"/>
          <xs:enumeration value="12:00"/>
          <xs:enumeration value="other"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="status" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="negative"/>
          <xs:enumeration value="indeterminate"/>
          <xs:enumeration value="inapplicable"/>
          <xs:enumeration value="positive_for_adenoma"/>
          <xs:enumeration value="positive_for_carcinoma"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="closest" type="xs:boolean"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:distance`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: `complex` mixed: `true`
Used by	Element pert:margin
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

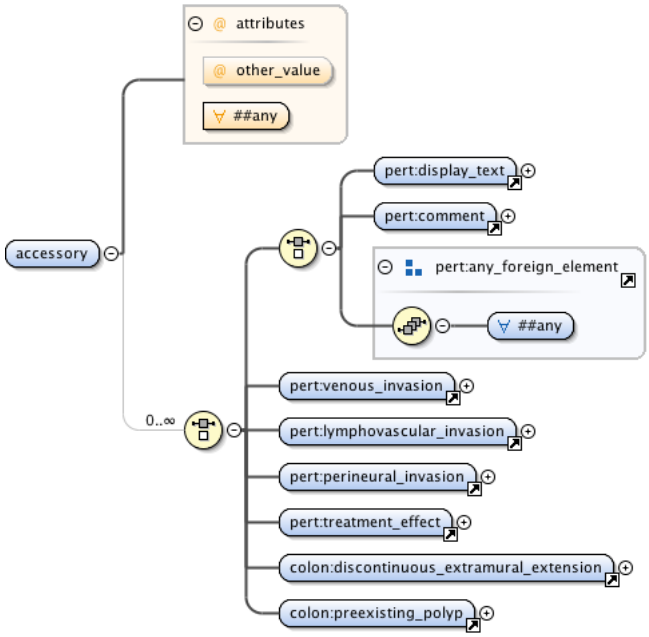
Instance	`<pert:distance other_value="" unit="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</pert:distance>`

Attributes	QName	Type	Fixed	Default	Use
	ANY attribute from ANY namespace				
	other_value				optional
	unit	restriction of xs:token			required
	value	restriction of xs:decimal			required

Source

```
<xs:element name="distance">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="unit" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="mm"/>
          <xs:enumeration value="cm"/>
          <xs:enumeration value="in"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:decimal">
          <xs:minExclusive value="0.0"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:accessory`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	

Properties	content:	complex
	mixed:	true
Used by	Element	pert:synopsis
Model	pert:display_text | pert:comment | (ANY element from ANY namespace) | pert:venous_invasion | pert:lymphovascular_invasion | pert:perineural_invasion | pert:treatment_effect | colon:discontinuous_extramural_extension | colon:preexisting_polyp	

Children	colon:discontinuous_extramural_extension, colon:preexisting_polyp, pert:comment, pert:display_text, pert:lymphovascular_invasion, pert:perineural_invasion, pert:treatment_effect, pert:venous_invasion
Instance	<pert:accessory other_value=""> <pert:display_text role="">{1,1}</pert:display_text> <pert:comment>{1,1}</pert:comment> <pert:venous_invasion other_value="" value="">{1,1}</pert:venous_invasion> <pert:lymphovascular_invasion other_value="" value="">{1,1}</pert:lymphovascular_invasion> <pert:perineural_invasion other_value="" value="">{1,1}</pert:perineural_invasion> <pert:treatment_effect other_value="" value="">{1,1}</pert:treatment_effect> <colon:discontinuous_extramural_extension other_value="" value="">{1,1}</colon:discontinuous_extramural_extension> <colon:preexisting_polyp other_value="" value="">{1,1}</colon:preexisting_polyp> </pert:accessory>

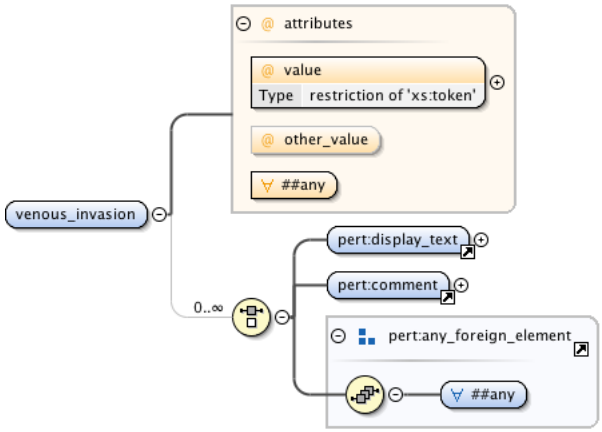
Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional

Source

```
<xs:element name="accessory">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:choice>
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="pert:venous_invasion"/>
      <xs:element ref="pert:lymphovascular_invasion"/>
      <xs:element ref="pert:perineural_invasion"/>
      <xs:element ref="pert:treatment_effect"/>
      <xs:element ref="colon:discontinuous_extramural_extension"/>
      <xs:element ref="colon:preexisting_polyp"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:venous_invasion`

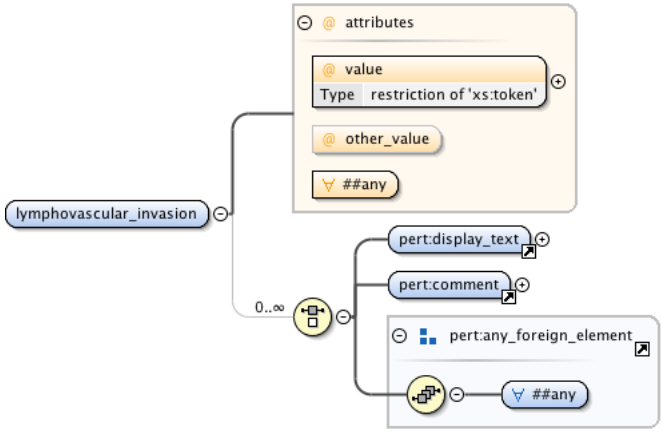
Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: complex mixed: true
Used by	Element pert:accessory
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text
Instance	<pert:venous_invasion other_value="" value=""> <pert:display_text role="">{1,1}</pert:display_text> <pert:comment>{1,1}</pert:comment> </pert:venous_invasion>

Attributes	QName	Type	Fixed	Default	Use
	ANY attribute from ANY namespace				
	other_value				optional
	value	restriction of xs:token			required

Source

```
<xs:element name="venous_invasion">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="positive"/>
          <xs:enumeration value="negative"/>
          <xs:enumeration value="equivocal"/>
          <xs:enumeration value="not_applicable"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:lymphovascular_invasion`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	

Properties	content:	`complex`
	mixed:	`true`
Used by	Element	pert:accessory
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)	
Children	pert:comment, pert:display_text	

Instance

```
<pert:lymphovascular_invasion other_value="" value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
</pert:lymphovascular_invasion>
```

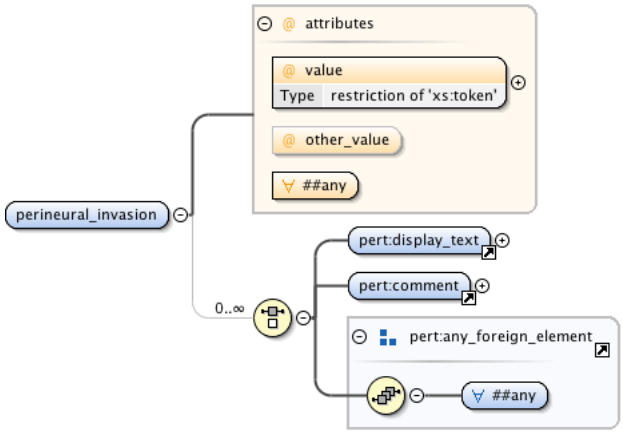
Attributes	QName	Type	Fixed	Default	Use
	ANY attribute from ANY namespace				
	other_value				optional
	value	restriction of xs:token			required

Source

```
<xs:element name="lymphovascular_invasion">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
```

```
    </xs:choice>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="positive"/>
          <xs:enumeration value="negative"/>
          <xs:enumeration value="equivocal"/>
          <xs:enumeration value="not_applicable"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:perineural_invasion`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: `complex` mixed: `true`
Used by	Element pert:accessory
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

`Instance`	`<pert:perineural_invasion other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</pert:perineural_invasion>`

Attributes

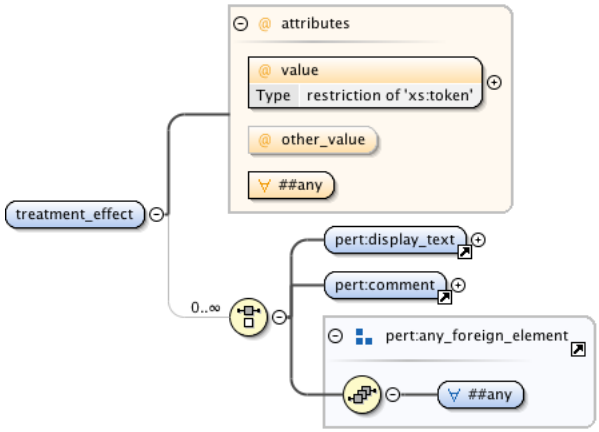
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

`Source`

```
<xs:element name="perineural_invasion">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="positive"/>
          <xs:enumeration value="negative"/>
          <xs:enumeration value="equivocal"/>
          <xs:enumeration value="not_applicable"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
```

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

Element `pert:treatment_effect`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: `complex` mixed: `true`
Used by	Element pert:accessory
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

`Instance`	`<pert:treatment_effect other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</pert:treatment_effect>`

Attributes

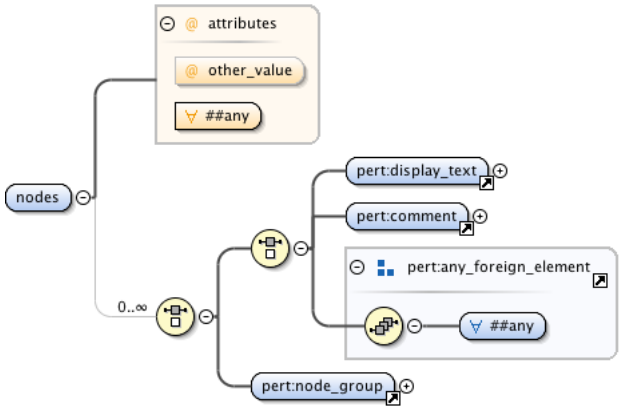
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

`Source`

```
<xs:element name="treatment_effect">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="inapplicable"/>
          <xs:enumeration value="no_response"/>
          <xs:enumeration value="slight_response"/>
          <xs:enumeration value="marked_response"/>
          <xs:enumeration value="complete_response"/>
          <xs:enumeration value="other"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:nodes`

Namespace	http://www.cap.org/pert/2009/01/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:synopsis
Model	pert:display_text | pert:comment | (ANY element from ANY namespace) | pert:node_group
Children	pert:comment, pert:display_text, pert:node_group

Instance

```
<pert:nodes other_value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
  <pert:node_group laterality="" location="" other_value="">{1,1}</pert:node_group>
</pert:nodes>
```

Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional

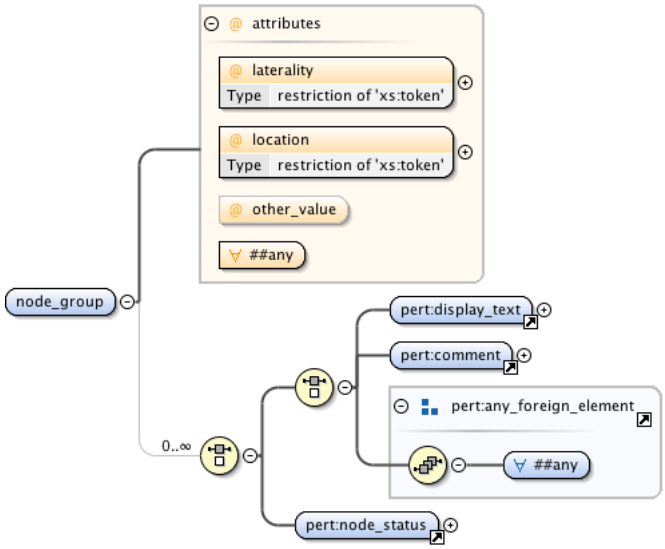
Source

```
<xs:element name="nodes">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:choice>
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="pert:node_group"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element pert:node_group

Namespace	http://www.cap.org/pert/2009/01/

Diagram



Properties

content:	complex
mixed:	true

Used by

Element	pert:nodes

Model

pert:display_text | pert:comment | (ANY element from ANY namespace) | pert:node_status

Children

pert:comment, pert:display_text, pert:node_status

Instance

```
<pert:node_group laterality="" location="" other_value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
  <pert:node_status count="" other_value="" value="">{1,1}</pert:node_status>
</pert:node_group>
```

Attributes

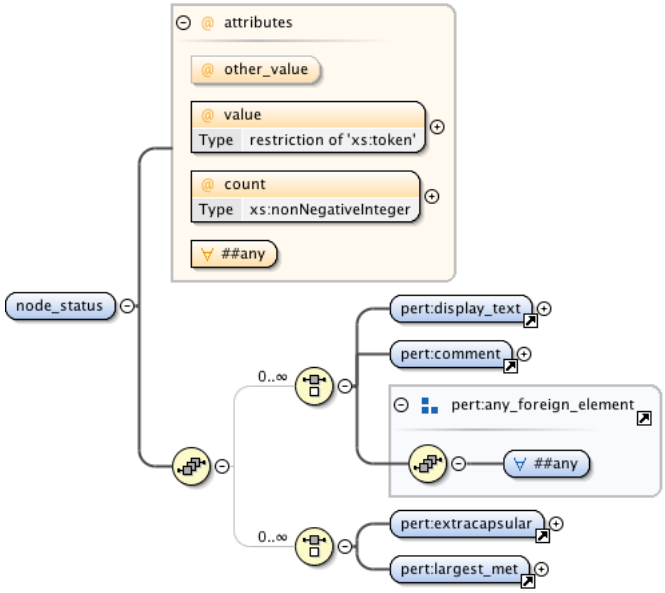
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
laterality	restriction of xs:token			required
location	restriction of xs:token			required
other_value				optional

Source

```
<xs:element name="node_group">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:choice>
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="pert:node_status"/>
    </xs:choice>
    <xs:attribute name="laterality" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="right"/>
          <xs:enumeration value="left"/>
          <xs:enumeration value="other"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="location" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="pericolic"/>
          <xs:enumeration value="ileocolic"/>
          <xs:enumeration value="anterior_cecal"/>
          <xs:enumeration value="posterior_cecal"/>
          <xs:enumeration value="right_colic"/>
          <xs:enumeration value="middle_colic"/>
          <xs:enumeration value="left_colic"/>
          <xs:enumeration value="inferior_mesenteric"/>
          <xs:enumeration value="sigmoid"/>
          <xs:enumeration value="superior_rectal"/>
```

```
            <xs:enumeration value="superior_hemorrhoidal"/>
            <xs:enumeration value="sigmoidal"/>
            <xs:enumeration value="sigmoid_mesenteric"/>
            <xs:enumeration value="middle_hemorrhoidal"/>
            <xs:enumeration value="lateral_sacral"/>
            <xs:enumeration value="presacral"/>
            <xs:enumeration value="internal_iliac"/>
            <xs:enumeration value="sacral_promontory_(Gerota's)"/>
            <xs:enumeration value="inferior_hemorrhoidal"/>
            <xs:enumeration value="anorectal"/>
            <xs:enumeration value="superficial_inguinal"/>
            <xs:enumeration value="internal_iliac"/>
            <xs:enumeration value="hypogastric"/>
            <xs:enumeration value="femoral"/>
            <xs:enumeration value="lateral_sacral"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:attribute>
      <xs:attribute name="other_value"/>
      <xs:anyAttribute processContents="skip"/>
    </xs:complexType>
</xs:element>
```

Element `pert:node_status`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: `complex` mixed: `true`
Used by	Element pert:node_group
Model	(pert:display_text | pert:comment | (ANY element from ANY namespace)) , (pert:extracapsular | pert:largest_met)
Children	pert:comment, pert:display_text, pert:extracapsular, pert:largest_met

`Instance`	`<pert:node_status count="" other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</pert:node_status>`

Attributes

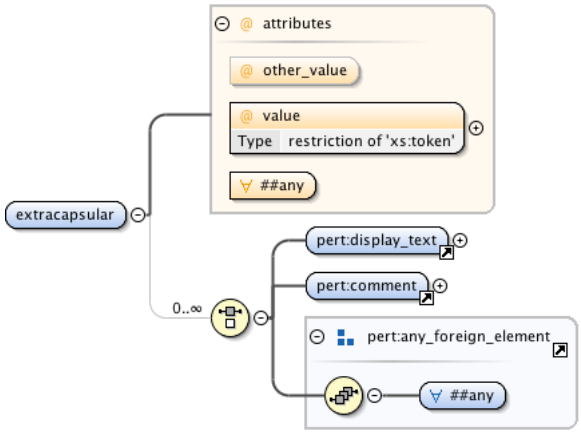
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
count	xs:nonNegativeInteger			required
other_value				optional
value	restriction of xs:token			required

`Source`

```
<xs:element name="node_status">
  <xs:complexType mixed="true">
    <xs:sequence>
      <xs:choice minOccurs="0" maxOccurs="unbounded">
        <xs:element ref="pert:display_text"/>
```

```
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:choice minOccurs="0" maxOccurs="unbounded">
        <xs:element ref="pert:extracapsular"/>
        <xs:element ref="pert:largest_met"/>
      </xs:choice>
    </xs:sequence>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="total"/>
          <xs:enumeration value="positive"/>
          <xs:enumeration value="regressed"/>
          <xs:enumeration value="other"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="count" use="required" type="xs:nonNegativeInteger"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:extracapsular`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: `complex` mixed: `true`
Used by	Element pert:node_status
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

`Instance`	`<pert:extracapsular other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</pert:extracapsular>`

Attributes

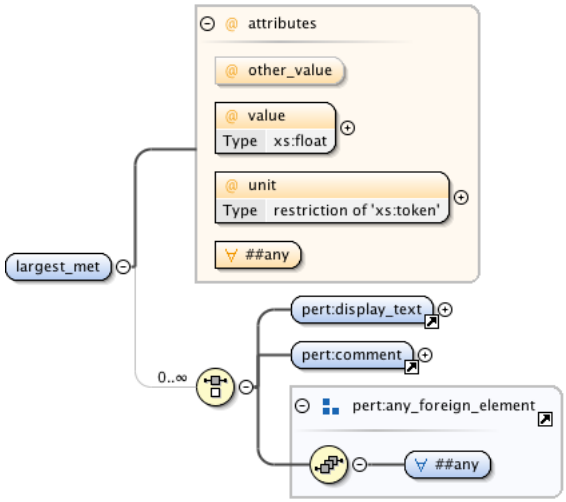
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

`Source`

```
<xs:element name="extracapsular">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="positive"/>
```

```
          <xs:enumeration value="negative"/>
          <xs:enumeration value="equivocal"/>
          <xs:enumeration value="not_applicable"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:largest_met`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: complex mixed: true
Used by	Element pert:node_status
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

Instance	`<pert:largest_met other_value="" unit="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</pert:largest_met>`

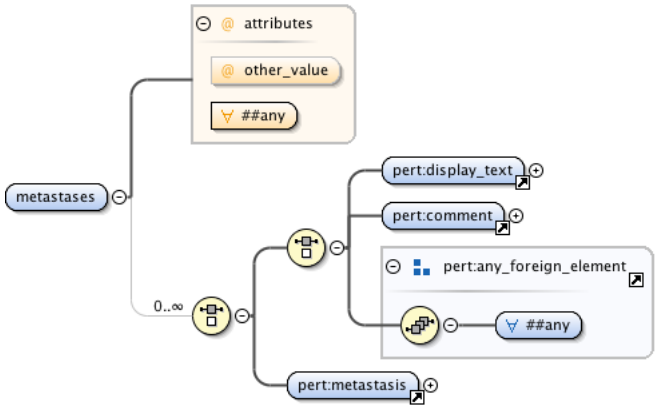
Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
unit	restriction of xs:token			required
value	xs:float			required

Source

```
<xs:element name="largest_met">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required" type="xs:float"/>
    <xs:attribute name="unit" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="mm"/>
          <xs:enumeration value="cm"/>
          <xs:enumeration value="in"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:metastases`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: `complex` mixed: `true`
Used by	Element pert:synopsis
Model	pert:display_text | pert:comment | (ANY element from ANY namespace) | pert:metastasis
Children	pert:comment, pert:display_text, pert:metastasis

`Instance`	`<pert:metastases other_value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`  <pert:metastasis how_Diagnosed="" other_value="" site="">{1,1}</pert:metastasis>`
	`</pert:metastases>`

Attributes

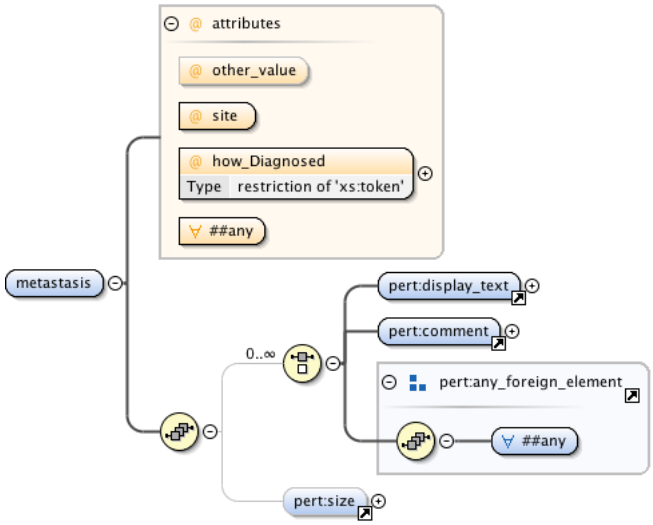
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional

`Source`

```
<xs:element name="metastases">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:choice>
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="pert:metastasis"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:metastasis`

Namespace	http://www.cap.org/pert/2009/01/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:metastases
Model	(pert:display_text | pert:comment | (ANY element from ANY namespace)) , pert:size{0,1}
Children	pert:comment, pert:display_text, pert:size

Instance

```
<pert:metastasis how_Diagnosed="" other_value="" site="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
  <pert:size other_value="">{0,1}</pert:size>
</pert:metastasis>
```

Attributes

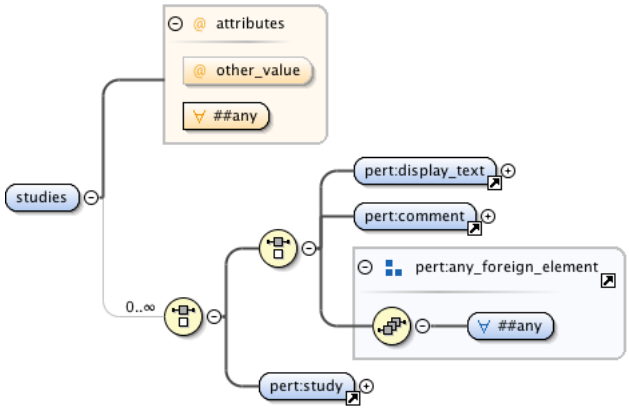
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
how_Diagnosed	restriction of xs:token			required
other_value				optional
site				required

Source

```
<xs:element name="metastasis">
  <xs:complexType mixed="true">
    <xs:sequence>
      <xs:choice minOccurs="0" maxOccurs="unbounded">
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element minOccurs="0" ref="pert:size"/>
    </xs:sequence>
    <xs:attribute name="other_value"/>
    <xs:attribute name="site" use="required"/>
    <xs:attribute name="how_Diagnosed" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="this_accesion"/>
          <xs:enumeration value="prior_accession"/>
          <xs:enumeration value="outside_report"/>
          <xs:enumeration value="clinical_examination"/>
          <xs:enumeration value="other"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element pert:studies

Namespace	http://www.cap.org/pert/2009/01/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:synopsis
Model	pert:display_text | pert:comment | (ANY element from ANY namespace) | pert:study
Children	pert:comment, pert:display_text, pert:study

Instance

```
<pert:studies other_value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
  <pert:study name="" result_value="">{1,1}</pert:study>
</pert:studies>
```

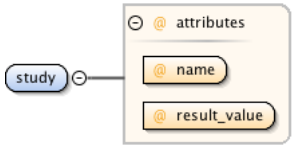
Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional

Source

```
<xs:element name="studies">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:choice>
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="pert:study"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element pert:study

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: complex
Used by	Element pert:studies

Attributes

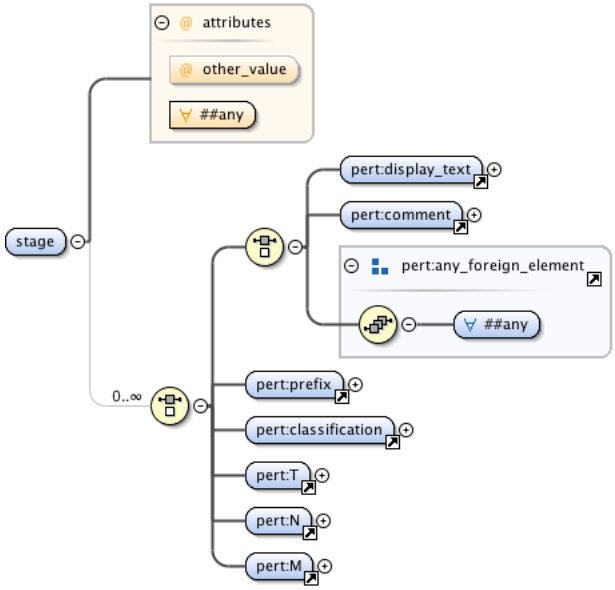
QName	Type	Fixed	Default	Use
name				required
result_value				required

Source

```
<xs:element name="study">
  <xs:complexType>
    <xs:attribute name="name" use="required"/>
    <xs:attribute name="result_value" use="required"/>
  </xs:complexType>
```

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

Element `pert:stage`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: `complex` mixed: `true`
Used by	Element pert:synopsis
Model	pert:display_text | pert:comment | (ANY element from ANY namespace) | pert:prefix | pert:classification | pert:T | pert:N | pert:M
Children	pert:M, pert:N, pert:T, pert:classification, pert:comment, pert:display_text, pert:prefix

`Instance`	`<pert:stage other_value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`  <pert:prefix other_value="" value="">{1,1}</pert:prefix>`
	`  <pert:classification other_value="" value="">{1,1}</pert:classification>`
	`  <pert:T other_value="" suffix="" value="">{1,1}</pert:T>`
	`  <pert:N other_value="" value="">{1,1}</pert:N>`
	`  <pert:M other_value="" value="">{1,1}</pert:M>`
	`</pert:stage>`

Attributes

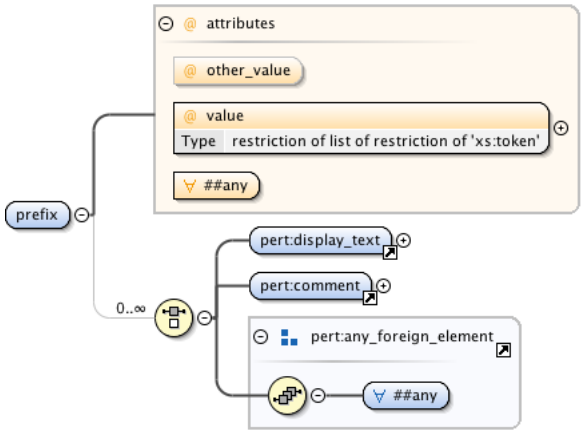
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional

`Source`

```
<xs:element name="stage">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:choice>
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="pert:prefix"/>
      <xs:element ref="pert:classification"/>
      <xs:element ref="pert:T"/>
      <xs:element ref="pert:N"/>
      <xs:element ref="pert:M"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:prefix`

Namespace	http://www.cap.org/pert/2009/01/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:stage
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

Instance

```
<pert:prefix other_value="" value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
</pert:prefix>
```

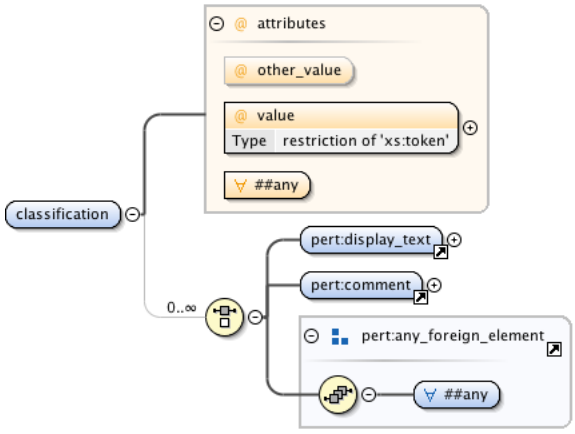
Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of list of restriction of xs:token			required

Source

```
<xs:element name="prefix">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction>
          <xs:simpleType>
            <xs:list>
              <xs:simpleType>
                <xs:restriction base="xs:token">
                  <xs:enumeration value="y"/>
                  <xs:enumeration value="r"/>
                  <xs:enumeration value="a"/>
                  <xs:enumeration value="other"/>
                  <xs:enumeration value="y"/>
                  <xs:enumeration value="r"/>
                  <xs:enumeration value="a"/>
                  <xs:enumeration value="other"/>
                  <xs:enumeration value="y"/>
                  <xs:enumeration value="r"/>
                  <xs:enumeration value="a"/>
                  <xs:enumeration value="other"/>
                </xs:restriction>
              </xs:simpleType>
            </xs:list>
          </xs:simpleType>
          <xs:minLength value="1"/>
          <xs:maxLength value="3"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:classification`

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: `complex` mixed: `true`
Used by	Element pert:stage
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

`Instance`	`<pert:classification other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</pert:classification>`

Attributes

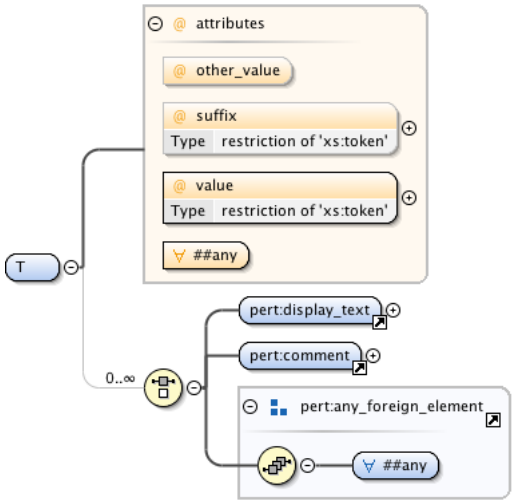
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

`Source`

```
<xs:element name="classification">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="p"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:T`

Namespace	http://www.cap.org/pert/2009/01/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:stage
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

Instance

```
<pert:T other_value="" suffix="" value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
</pert:T>
```

Attributes

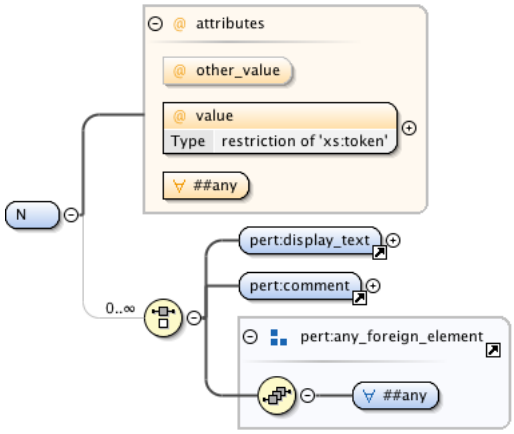
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
suffix	restriction of xs:token			optional
value	restriction of xs:token			required

Source

```
<xs:element name="T">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="suffix">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="m"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="X"/>
          <xs:enumeration value="0"/>
          <xs:enumeration value="is"/>
          <xs:enumeration value="1"/>
          <xs:enumeration value="2"/>
          <xs:enumeration value="3"/>
          <xs:enumeration value="4"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element pert:N

Namespace	http://www.cap.org/pert/2009/01/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:stage
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

Instance	`<pert:N other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</pert:N>`

Attributes

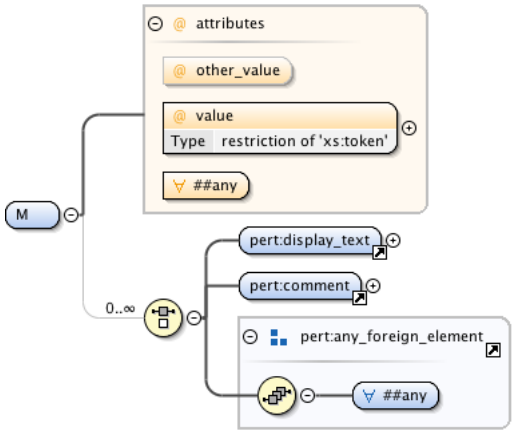
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

Source

```
<xs:element name="N">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="X"/>
          <xs:enumeration value="0"/>
          <xs:enumeration value="1"/>
          <xs:enumeration value="2"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element pert:M

Namespace	http://www.cap.org/pert/2009/01/

Diagram	
Properties	content: `complex` mixed: `true`
Used by	Element pert:stage
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

`Instance`	`<pert:M other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</pert:M>`

Attributes

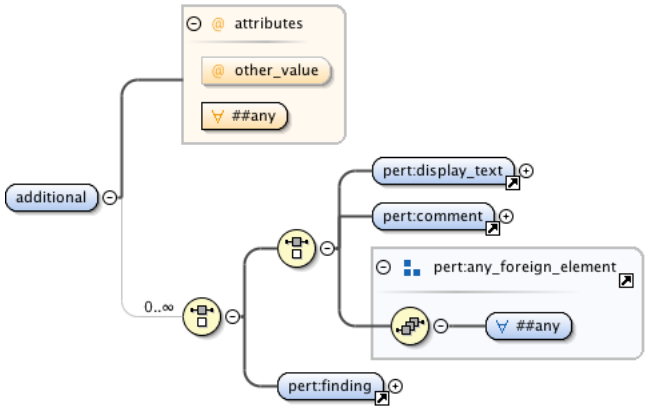
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

`Source`

```
<xs:element name="M">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="X"/>
          <xs:enumeration value="0"/>
          <xs:enumeration value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `pert:additional`

Namespace	http://www.cap.org/pert/2009/01/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:synopsis
Model	pert:display_text | pert:comment | (ANY element from ANY namespace) | pert:finding
Children	pert:comment, pert:display_text, pert:finding

Instance

```
<pert:additional other_value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
  <pert:finding other_value="" value="">{1,1}</pert:finding>
</pert:additional>
```

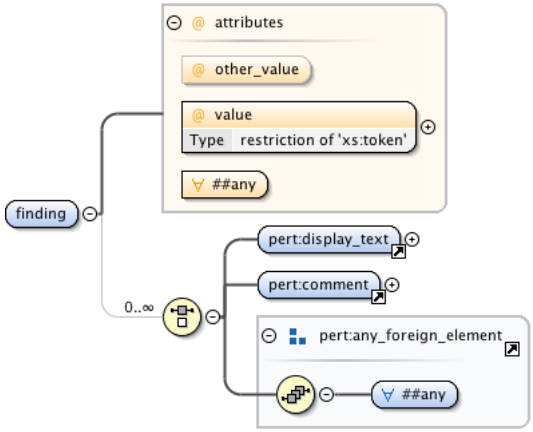
Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional

Source

```
<xs:element name="additional">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:choice>
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="pert:finding"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element pert:finding

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Properties	content: complex

	mixed:	`true`
Used by	Element	pert:additional
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)	
Children	pert:comment, pert:display_text	
`Instance`	<pert:finding other_value="" value=""> <pert:display_text role="">{1,1}</pert:display_text> <pert:comment>{1,1}</pert:comment> </pert:finding>	

Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

`Source`

```
<xs:element name="finding">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value=""/>
          <xs:enumeration value="adenoma"/>
          <xs:enumeration value="ulcerative_colitis"/>
          <xs:enumeration value="Crohn's_disease"/>
          <xs:enumeration value="dysplasia_with_IBD"/>
          <xs:enumeration value="sessile_serrated_adenoma"/>
          <xs:enumeration value="other_polyp"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Attributes

Attribute `pert:synopsis / @pert:schema_location`

Namespace	http://www.cap.org/pert/2009/01/	
Type	restriction of xs:token	
Properties	use:	`required`
Facets	enumeration	`http://purl.oclc.org/medical/reporting/report/cap-cancer/resection/resection@colon.rng`
Used by	Element	pert:synopsis

`Source`

```
<xs:attribute name="schema_location" use="required" form="qualified">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="http://purl.oclc.org/medical/reporting/report/cap-cancer/
resection/resection@colon.rng"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

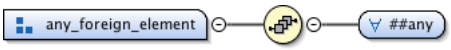
Attribute `pert:synopsis / @pert:version`

Namespace	http://www.cap.org/pert/2009/01/	
Type	restriction of xs:token	
Properties	use:	`required`

Facets	enumeration	0.1
Used by	Element	pert:synopsis
Source	<xs:attribute name="version" use="required" form="qualified"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="0.1"/> </xs:restriction> </xs:simpleType> </xs:attribute>	

Element Groups

Element Group pert:any_foreign_element

Namespace	http://www.cap.org/pert/2009/01/
Diagram	
Used by	Elements: colon:adjacent_structure, colon:configuration, colon:deepest_invasion, colon:discontinuous_extramural_extension, colon:high_grade, colon:immune_Response, colon:intratumoral_Response, colon:medullary_Component, colon:mucinous_Component, colon:peritumoral_Response, colon:polyp, colon:preexisting_polyp, colon:suggest_microsatellite_instability, colon:tumor_perforation, pert:M, pert:N, pert:T, pert:accessory, pert:additional, pert:classification, pert:clinical, pert:clinical_finding, pert:dimension, pert:distance, pert:extent, pert:extracapsular, pert:finding, pert:grade, pert:histologic_type, pert:integrity, pert:invasion, pert:largest_met, pert:lymphovascular_invasion, pert:margin, pert:margins, pert:metastases, pert:metastasis, pert:node_group, pert:node_status, pert:nodes, pert:perineural_invasion, pert:prefix, pert:prior_therapy, pert:procedure, pert:radiologic_finding, pert:site, pert:size, pert:specimen, pert:stage, pert:studies, pert:synopsis, pert:treatment_effect, pert:tumor, pert:tumor_location, pert:venous_invasion, pert:weight
Model	ANY element from ANY namespace
Source	<xs:group name="any_foreign_element"> <xs:sequence> <xs:any processContents="skip"/> </xs:sequence> </xs:group>

Namespace: "http://www.cap.org/pert/2009/01/colon/"

Schemas

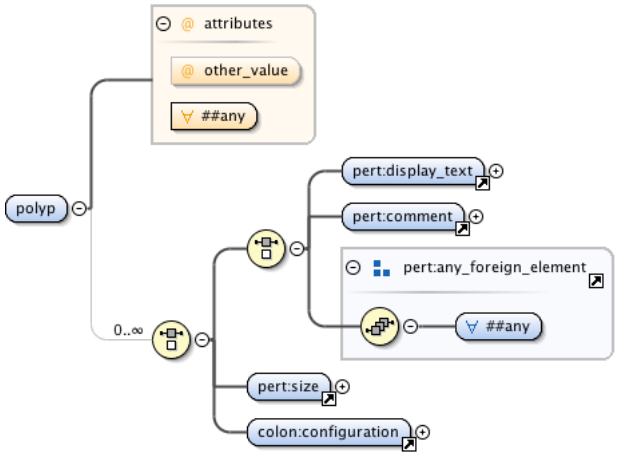
Imported schema colon.xsd

Namespace	http://www.cap.org/pert/2009/01/colon/	
Properties	attribute form default:	unqualified
	element form default:	qualified

Elements

Element colon:polyp

Namespace	http://www.cap.org/pert/2009/01/colon/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:specimen
Model	pert:display_text | pert:comment | (ANY element from ANY namespace) | pert:size | colon:configuration
Children	colon:configuration, pert:comment, pert:display_text, pert:size

Instance	`<colon:polyp other_value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`  <pert:size other_value="">{1,1}</pert:size>`
	`  <colon:configuration other_value="" value="">{1,1}</colon:configuration>`
	`</colon:polyp>`

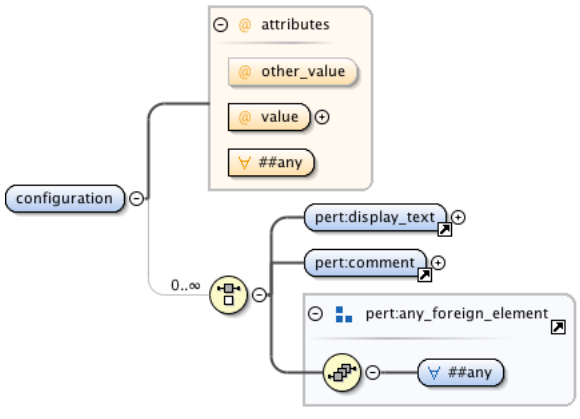
Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional

Source

```
<xs:element name="polyp">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:choice>
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="pert:size"/>
      <xs:element ref="colon:configuration"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element colon:configuration

Namespace	http://www.cap.org/pert/2009/01/colon/
Diagram	

Properties	content: complex mixed: true
Used by	Element colon:polyp
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text
Instance	<colon:configuration other_value="" value=""> <pert:display_text role="">{1,1}</pert:display_text> <pert:comment>{1,1}</pert:comment> </colon:configuration>

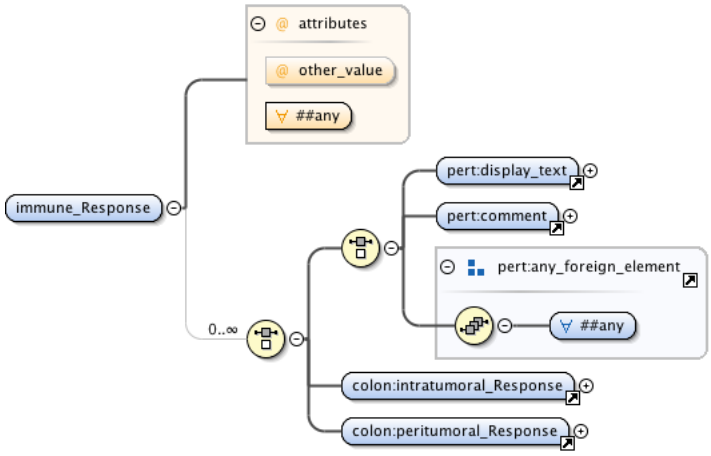
Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

Source

```
<xs:element name="configuration">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="pedunculated"/>
          <xs:enumeration value="sessile"/>
          <xs:enumeration value="other"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element colon:immune_Response

Namespace	http://www.cap.org/pert/2009/01/colon/
Diagram	
Properties	content: complex mixed: true
Used by	Element pert:tumor
Model	pert:display_text | pert:comment | (ANY element from ANY namespace) | colon:intratumoral_Response | colon:peritumoral_Response
Children	colon:intratumoral_Response, colon:peritumoral_Response, pert:comment, pert:display_text
Instance	<colon:immune_Response other_value=""> <pert:display_text role="">{1,1}</pert:display_text> <pert:comment>{1,1}</pert:comment>

```
  <colon:intratumoral_Response other_value="" value="">{1,1}</colon:intratumoral_Response>
  <colon:peritumoral_Response other_value="" value="">{1,1}</colon:peritumoral_Response>
</colon:immune_Response>
```

Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional

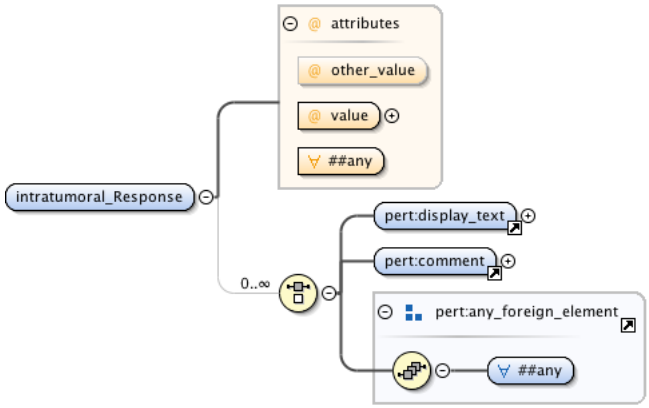
Source

```
<xs:element name="immune_Response">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:choice>
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="colon:intratumoral_Response"/>
      <xs:element ref="colon:peritumoral_Response"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `colon:intratumoral_Response`

Namespace: http://www.cap.org/pert/2009/01/colon/

Diagram



Properties

content:	complex
mixed:	true

Used by

Element	colon:immune_Response

Model: pert:display_text | pert:comment | (ANY element from ANY namespace)

Children: pert:comment, pert:display_text

Instance

```
<colon:intratumoral_Response other_value="" value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
</colon:intratumoral_Response>
```

Attributes

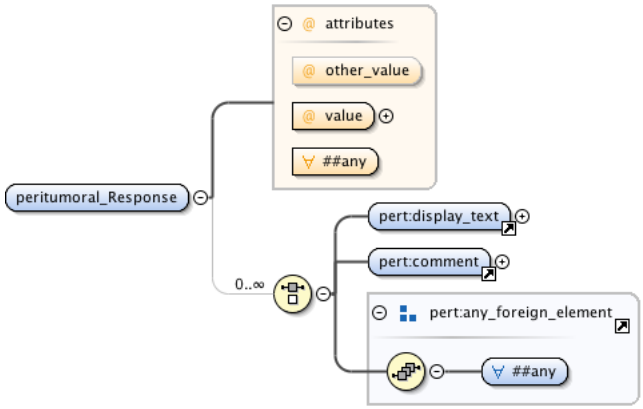
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

Source

```
<xs:element name="intratumoral_Response">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
```

```
          <xs:enumeration value="none"/>
          <xs:enumeration value="mild_to_moderate"/>
          <xs:enumeration value="marked"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element colon:peritumoral_Response

Namespace	http://www.cap.org/pert/2009/01/colon/
Diagram	
Properties	content: complex mixed: true
Used by	Element colon:immune_Response
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

Instance	`<colon:peritumoral_Response other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</colon:peritumoral_Response>`

Attributes

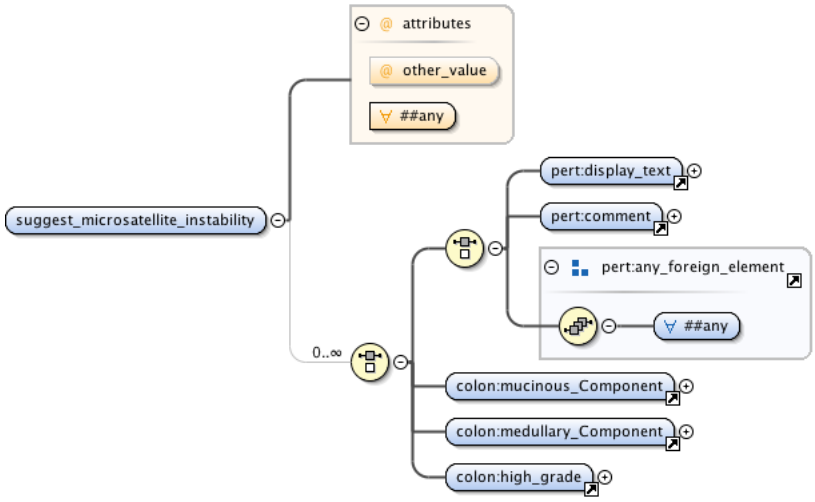
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

Source

```
<xs:element name="peritumoral_Response">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="none"/>
          <xs:enumeration value="mild_to_moderate"/>
          <xs:enumeration value="marked"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element colon:suggest_microsatellite_instability

Namespace	http://www.cap.org/pert/2009/01/colon/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:tumor
Model	pert:display_text | pert:comment | (ANY element from ANY namespace) | colon:mucinous_Component | colon:medullary_Component | colon:high_grade
Children	colon:high_grade, colon:medullary_Component, colon:mucinous_Component, pert:comment, pert:display_text

Instance

```
<colon:suggest_microsatellite_instability other_value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
  <colon:mucinous_Component other_value="" percentage="" value="">{1,1}</
colon:mucinous_Component>
  <colon:medullary_Component other_value="" value="">{1,1}</colon:medullary_Component>
  <colon:high_grade other_value="" value="">{1,1}</colon:high_grade>
</colon:suggest_microsatellite_instability>
```

Attributes

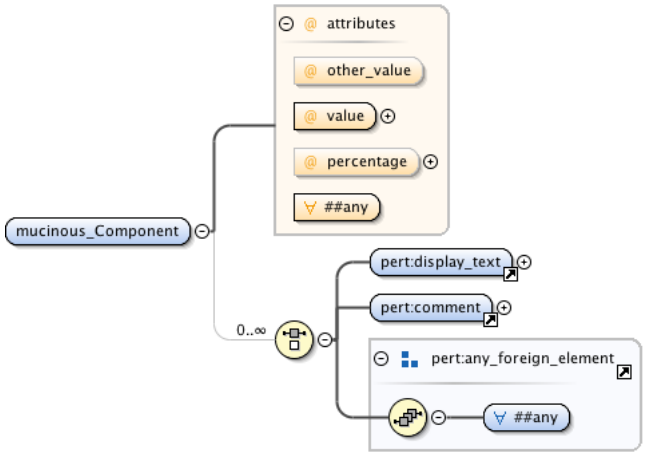
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional

Source

```
<xs:element name="suggest_microsatellite_instability">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:choice>
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element ref="colon:mucinous_Component"/>
      <xs:element ref="colon:medullary_Component"/>
      <xs:element ref="colon:high_grade"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element colon:mucinous_Component

Namespace	http://www.cap.org/pert/2009/01/colon/

Diagram	
Properties	content: complex mixed: true
Used by	Element colon:suggest_microsatellite_instability
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

Instance

```
<colon:mucinous_Component other_value="" percentage="" value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
</colon:mucinous_Component>
```

Attributes

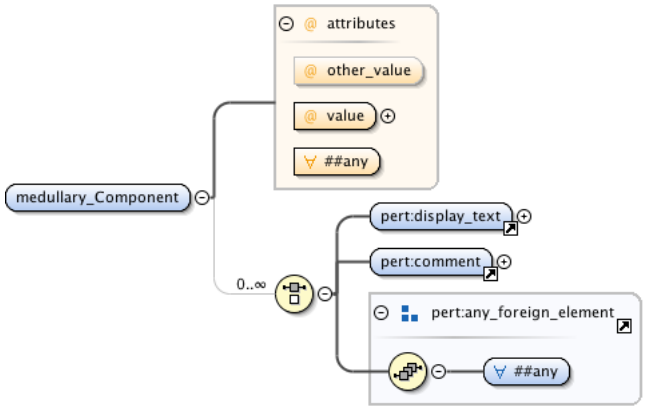
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
percentage	restriction of xs:nonNegativeInteger			optional
value	restriction of xs:token			required

Source

```
<xs:element name="mucinous_Component">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="positive"/>
          <xs:enumeration value="negative"/>
          <xs:enumeration value="equivocal"/>
          <xs:enumeration value="not_applicable"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="percentage">
      <xs:simpleType>
        <xs:restriction base="xs:nonNegativeInteger">
          <xs:maxExclusive value="100"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element colon:medullary_Component

Namespace	http://www.cap.org/pert/2009/01/colon/

Diagram	
Properties	content: complex mixed: true
Used by	Element colon:suggest_microsatellite_instability
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

`Instance`

```
<colon:medullary_Component other_value="" value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
</colon:medullary_Component>
```

Attributes

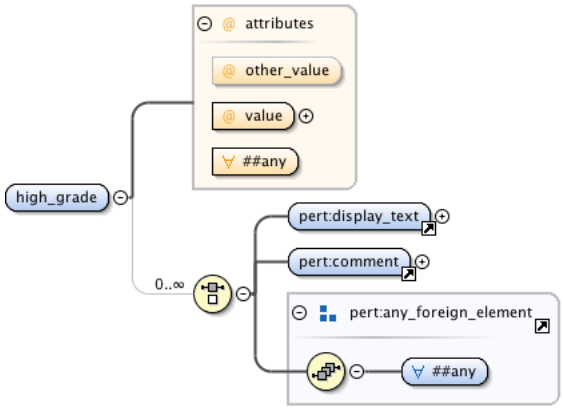
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

`Source`

```
<xs:element name="medullary_Component">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="positive"/>
          <xs:enumeration value="negative"/>
          <xs:enumeration value="equivocal"/>
          <xs:enumeration value="not_applicable"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `colon:high_grade`

Namespace	http://www.cap.org/pert/2009/01/colon/

Diagram	
Properties	content: complex mixed: true
Used by	Element colon:suggest_microsatellite_instability
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

Instance	`<colon:high_grade other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</colon:high_grade>`

Attributes

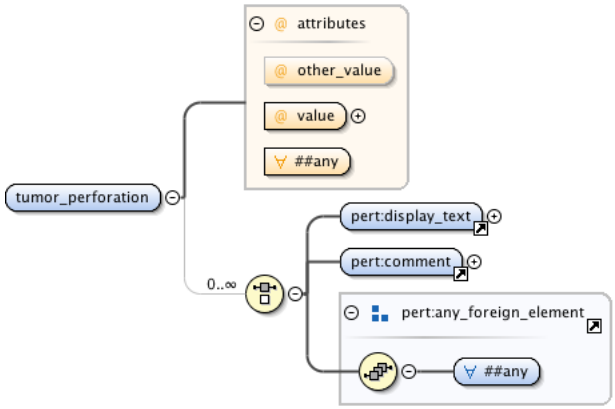
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

Source

```
<xs:element name="high_grade">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="positive"/>
          <xs:enumeration value="negative"/>
          <xs:enumeration value="equivocal"/>
          <xs:enumeration value="not_applicable"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element colon:tumor_perforation

Namespace	http://www.cap.org/pert/2009/01/colon/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:tumor
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

Instance	`<colon:tumor_perforation other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</colon:tumor_perforation>`

Attributes

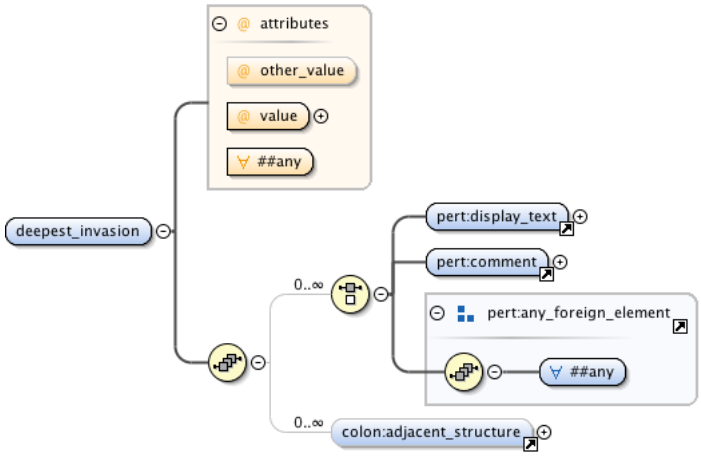
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

Source

```
<xs:element name="tumor_perforation">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="positive"/>
          <xs:enumeration value="negative"/>
          <xs:enumeration value="equivocal"/>
          <xs:enumeration value="not_applicable"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element colon:deepest_invasion

Namespace	http://www.cap.org/pert/2009/01/colon/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:invasion
Model	(pert:display_text | pert:comment | (ANY element from ANY namespace)) , colon:adjacent_structure*
Children	colon:adjacent_structure, pert:comment, pert:display_text

Instance	`<colon:deepest_invasion other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`  <colon:adjacent_structure extent="" other_value="" value="">{0,unbounded}</colon:adjacent_structure>`
	`</colon:deepest_invasion>`

Attributes

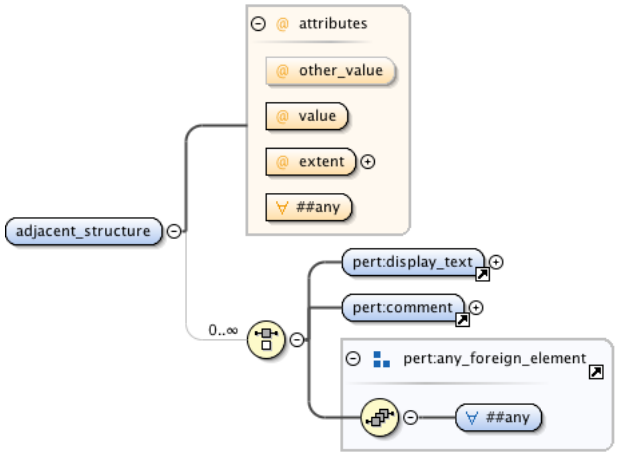
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

Source

```
<xs:element name="deepest_invasion">
  <xs:complexType mixed="true">
    <xs:sequence>
      <xs:choice minOccurs="0" maxOccurs="unbounded">
        <xs:element ref="pert:display_text"/>
        <xs:element ref="pert:comment"/>
        <xs:group ref="pert:any_foreign_element"/>
      </xs:choice>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="colon:adjacent_structure"/>
    </xs:sequence>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="lamina_propria"/>
          <xs:enumeration value="submucosa"/>
          <xs:enumeration value="muscularis_propria"/>
          <xs:enumeration value="subserosa"/>
          <xs:enumeration value="pericolic_tissue"/>
          <xs:enumeration value="serosal_surface"/>
          <xs:enumeration value="adjacent_structure"/>
          <xs:enumeration value="no_evidence_of_tumor"/>
          <xs:enumeration value="inapplicable"/>
          <xs:enumeration value="inconclusive"/>
          <xs:enumeration value="indeterminate"/>
          <xs:enumeration value="other"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element colon:adjacent_structure

Namespace	http://www.cap.org/pert/2009/01/colon/

Diagram	
Properties	content: complex mixed: true
Used by	Element colon:deepest_invasion
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

`Instance`

```
<colon:adjacent_structure extent="" other_value="" value="">
  <pert:display_text role="">{1,1}</pert:display_text>
  <pert:comment>{1,1}</pert:comment>
</colon:adjacent_structure>
```

Attributes

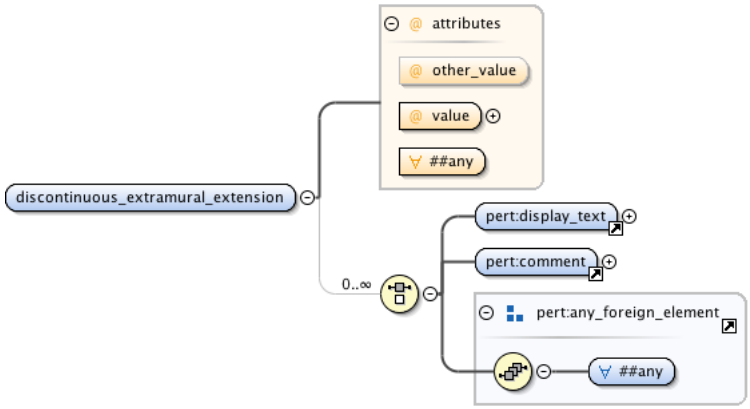
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
extent	restriction of xs:token			required
other_value				optional
value				required

`Source`

```
<xs:element name="adjacent_structure">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required"/>
    <xs:attribute name="extent" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="adheres"/>
          <xs:enumeration value="invades"/>
          <xs:enumeration value="other"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element `colon:discontinuous_extramural_extension`

Namespace	http://www.cap.org/pert/2009/01/colon/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:accessory
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

Instance	`<colon:discontinuous_extramural_extension other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</colon:discontinuous_extramural_extension>`

Attributes

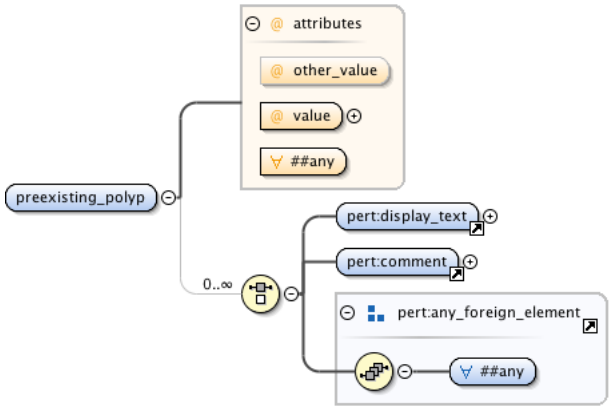
QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

Source

```
<xs:element name="discontinuous_extramural_extension">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="positive"/>
          <xs:enumeration value="negative"/>
          <xs:enumeration value="equivocal"/>
          <xs:enumeration value="not_applicable"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Element colon:preexisting_polyp

Namespace	http://www.cap.org/pert/2009/01/colon/

Diagram	
Properties	content: complex mixed: true
Used by	Element pert:accessory
Model	pert:display_text | pert:comment | (ANY element from ANY namespace)
Children	pert:comment, pert:display_text

Instance	`<colon:preexisting_polyp other_value="" value="">`
	`  <pert:display_text role="">{1,1}</pert:display_text>`
	`  <pert:comment>{1,1}</pert:comment>`
	`</colon:preexisting_polyp>`

Attributes

QName	Type	Fixed	Default	Use
ANY attribute from ANY namespace				
other_value				optional
value	restriction of xs:token			required

Source

```
<xs:element name="preexisting_polyp">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="pert:display_text"/>
      <xs:element ref="pert:comment"/>
      <xs:group ref="pert:any_foreign_element"/>
    </xs:choice>
    <xs:attribute name="other_value"/>
    <xs:attribute name="value" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="tubular_adenoma"/>
          <xs:enumeration value="villous_adenoma"/>
          <xs:enumeration value="tubulovillous_adenoma"/>
          <xs:enumeration value="serrated_adenoma"/>
          <xs:enumeration value="sessile_serrated_adenoma"/>
          <xs:enumeration value="hamartomatous_polyp"/>
          <xs:enumeration value="indeterminate_type"/>
          <xs:enumeration value="other"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:anyAttribute processContents="skip"/>
  </xs:complexType>
</xs:element>
```

Namespace: "http://www.w3.org/2003/g/data-view#"

Schemas

Imported schema `data-view.xsd`

Namespace	http://www.w3.org/2003/g/data-view#
Properties	attribute form default: unqualified element form default: qualified

Attributes

Attribute `@data-view:transformation`

Namespace	http://www.w3.org/2003/g/data-view#
Used by	Element pert:synopsis
Source	`<xs:attribute name="transformation"/>`

Namespace: ""

Attributes

Attribute `pert:display_text / @role`

Namespace	No namespace
Type	restriction of xs:token
Properties	content: simple
Facets	enumeration label enumeration value enumeration other
Used by	Element pert:display_text

Source	`<xs:attribute name="role">`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:token">`
	`  <xs:enumeration value="label"/>`
	`  <xs:enumeration value="value"/>`
	`  <xs:enumeration value="other"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:attribute>`

Attribute `pert:prior_therapy / @other_value`

Namespace	No namespace
Used by	Element pert:prior_therapy
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:prior_therapy / @description`

Namespace	No namespace
Properties	use: required
Used by	Element pert:prior_therapy
Source	`<xs:attribute name="description" use="required"/>`

Attribute `pert:prior_therapy / @date`

Namespace	No namespace
Type	union of(xs:date, xs:gYear, xs:gYearMonth)
Properties	content: simple
Used by	Element pert:prior_therapy

Source	`<xs:attribute name="date">`
	`  <xs:simpleType>`
	`  <xs:union memberTypes="xs:date xs:gYear xs:gYearMonth"/>`
	`  </xs:simpleType>`
	`</xs:attribute>`

Attribute `pert:clinical_finding / @other_value`

Namespace	No namespace

Used by	Element	pert:clinical_finding
Source	<xs:attribute name="other_value"/>	

Attribute pert:clinical_finding / @value

Namespace	No namespace	
Properties	use:	required
Used by	Element	pert:clinical_finding
Source	<xs:attribute name="value" use="required"/>	

Attribute pert:radiologic_finding / @other_value

Namespace	No namespace	
Used by	Element	pert:radiologic_finding
Source	<xs:attribute name="other_value"/>	

Attribute pert:radiologic_finding / @value

Namespace	No namespace	
Properties	use:	required
Used by	Element	pert:radiologic_finding
Source	<xs:attribute name="value" use="required"/>	

Attribute pert:clinical / @other_value

Namespace	No namespace	
Used by	Element	pert:clinical
Source	<xs:attribute name="other_value"/>	

Attribute pert:procedure / @other_value

Namespace	No namespace	
Used by	Element	pert:procedure
Source	<xs:attribute name="other_value"/>	

Attribute pert:procedure / @value

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	total_colectomy
	enumeration	right_hemicolectomy
	enumeration	transverse_colectomy
	enumeration	left_hemicolectomy
	enumeration	segmental_colectomy
	enumeration	abdominoperineal_resection
	enumeration	proctocolectomy
Used by	Element	pert:procedure

Source

```
<xs:attribute name="value" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="total_colectomy"/>
      <xs:enumeration value="right_hemicolectomy"/>
      <xs:enumeration value="transverse_colectomy"/>
```

```
      <xs:enumeration value="left_hemicolectomy"/>
      <xs:enumeration value="segmental_colectomy"/>
      <xs:enumeration value="abdominoperineal_resection"/>
      <xs:enumeration value="proctocolectomy"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute `pert:site / @other_value`

Namespace	No namespace
Used by	Element pert:site
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:site / @value`

Namespace	No namespace
Type	restriction of xs:token
Properties	use: required
Facets	enumeration cecum enumeration right_colon enumeration hepatic_flexure enumeration transverse_colon enumeration splenic_flexure enumeration left_colon enumeration sigmoid_colon enumeration rectum enumeration anus
Used by	Element pert:site
Source	

```
<xs:attribute name="value" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="cecum"/>
      <xs:enumeration value="right_colon"/>
      <xs:enumeration value="hepatic_flexure"/>
      <xs:enumeration value="transverse_colon"/>
      <xs:enumeration value="splenic_flexure"/>
      <xs:enumeration value="left_colon"/>
      <xs:enumeration value="sigmoid_colon"/>
      <xs:enumeration value="rectum"/>
      <xs:enumeration value="anus"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute `pert:tumor_location / @other_value`

Namespace	No namespace
Used by	Element pert:tumor_location
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:tumor_location / @value`

Namespace	No namespace
Type	restriction of xs:token
Properties	use: required
Facets	enumeration cecum enumeration right_colon enumeration hepatic_flexure enumeration transverse_colon

	enumeration	splenic_flexure
	enumeration	left_colon
	enumeration	sigmoid_colon
	enumeration	rectum
	enumeration	anus
Used by	Element	pert:tumor_location

Source

```
<xs:attribute name="value" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="cecum"/>
      <xs:enumeration value="right_colon"/>
      <xs:enumeration value="hepatic_flexure"/>
      <xs:enumeration value="transverse_colon"/>
      <xs:enumeration value="splenic_flexure"/>
      <xs:enumeration value="left_colon"/>
      <xs:enumeration value="sigmoid_colon"/>
      <xs:enumeration value="rectum"/>
      <xs:enumeration value="anus"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute pert:integrity / @other_value

Namespace	No namespace	
Used by	Element	pert:integrity

Source

```
<xs:attribute name="other_value"/>
```

Attribute pert:integrity / @value

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	intact
	enumeration	fragmented
Used by	Element	pert:integrity

Source

```
<xs:attribute name="value" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="intact"/>
      <xs:enumeration value="fragmented"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute pert:dimension / @unit

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	mm
	enumeration	cm
	enumeration	in
Used by	Element	pert:dimension

Source

```
<xs:attribute name="unit" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="mm"/>
      <xs:enumeration value="cm"/>
      <xs:enumeration value="in"/>
    </xs:restriction>
  </xs:simpleType>
```

```
</xs:attribute>
```

Attribute `pert:dimension / @other_value`

Namespace	No namespace
Used by	Element pert:dimension
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:dimension / @value`

Namespace	No namespace
Type	restriction of xs:decimal
Properties	use: `required`
Facets	minExclusive `0.0`
Used by	Element pert:dimension
Source	

```
<xs:attribute name="value" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:minExclusive value="0.0"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute `pert:size / @other_value`

Namespace	No namespace
Used by	Element pert:size
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:weight / @other_value`

Namespace	No namespace
Used by	Element pert:weight
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:weight / @unit`

Namespace	No namespace
Type	restriction of xs:token
Properties	use: `required`
Facets	enumeration `g` enumeration `kg` enumeration `other`
Used by	Element pert:weight
Source	

```
<xs:attribute name="unit" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="g"/>
      <xs:enumeration value="kg"/>
      <xs:enumeration value="other"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute `pert:weight / @value`

Namespace	No namespace
Type	xs:float
Properties	use: `required`

Used by	Element	pert:weight
Source	<xs:attribute name="value" use="required" type="xs:float"/>	

Attribute colon:configuration / @other_value

Namespace	No namespace	
Used by	Element	colon:configuration
Source	<xs:attribute name="other_value"/>	

Attribute colon:configuration / @value

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	pedunculated
	enumeration	sessile
	enumeration	other
Used by	Element	colon:configuration
Source	<xs:attribute name="value" use="required"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="pedunculated"/> <xs:enumeration value="sessile"/> <xs:enumeration value="other"/> </xs:restriction> </xs:simpleType> </xs:attribute>	

Attribute colon:polyp / @other_value

Namespace	No namespace	
Used by	Element	colon:polyp
Source	<xs:attribute name="other_value"/>	

Attribute pert:specimen / @other_value

Namespace	No namespace	
Used by	Element	pert:specimen
Source	<xs:attribute name="other_value"/>	

Attribute pert:histologic_type / @other_value

Namespace	No namespace	
Used by	Element	pert:histologic_type
Source	<xs:attribute name="other_value"/>	

Attribute pert:histologic_type / @value

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	adenocarcinoma
	enumeration	mucinous_adenocarcinoma
	enumeration	signet-ring_cell_carcinoma
	enumeration	small_cell_carcinoma

	enumeration	squamous_cell_carcinoma
	enumeration	adenosquamous_carcinoma
	enumeration	medullary_carcinoma
	enumeration	undifferentiated_carcinoma
	enumeration	carcinoma_indeterminate_type
	enumeration	other
Used by	Element	pert:histologic_type

Source

```
<xs:attribute name="value" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="adenocarcinoma"/>
      <xs:enumeration value="mucinous_adenocarcinoma"/>
      <xs:enumeration value="signet-ring_cell_carcinoma"/>
      <xs:enumeration value="small_cell_carcinoma"/>
      <xs:enumeration value="squamous_cell_carcinoma"/>
      <xs:enumeration value="adenosquamous_carcinoma"/>
      <xs:enumeration value="medullary_carcinoma"/>
      <xs:enumeration value="undifferentiated_carcinoma"/>
      <xs:enumeration value="carcinoma_indeterminate_type"/>
      <xs:enumeration value="other"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute pert:grade / @other_value

Namespace	No namespace	
Used by	Element	pert:grade

Source

```
<xs:attribute name="other_value"/>
```

Attribute pert:grade / @value

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	low
	enumeration	high
	enumeration	indeterminate
Used by	Element	pert:grade

Source

```
<xs:attribute name="value" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="low"/>
      <xs:enumeration value="high"/>
      <xs:enumeration value="indeterminate"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute pert:grade / @grading_system

Namespace	No namespace	
Type	restriction of xs:token	
Properties	content:	simple
Facets	enumeration	WHO
	enumeration	not_specified
	enumeration	other
Used by	Element	pert:grade

Source

```
<xs:attribute name="grading_system">
  <xs:simpleType>
```

```
    <xs:restriction base="xs:token">
      <xs:enumeration value="WHO"/>
      <xs:enumeration value="not_specified"/>
      <xs:enumeration value="other"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute colon:intratumoral_Response / @other_value

Namespace	No namespace
Used by	Element colon:intratumoral_Response
Source	`<xs:attribute name="other_value"/>`

Attribute colon:intratumoral_Response / @value

Namespace	No namespace
Type	restriction of xs:token
Properties	use: required
Facets	enumeration none enumeration mild_to_moderate enumeration marked
Used by	Element colon:intratumoral_Response

Source	`<xs:attribute name="value" use="required">`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:token">`
	`  <xs:enumeration value="none"/>`
	`  <xs:enumeration value="mild_to_moderate"/>`
	`  <xs:enumeration value="marked"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:attribute>`

Attribute colon:peritumoral_Response / @other_value

Namespace	No namespace
Used by	Element colon:peritumoral_Response
Source	`<xs:attribute name="other_value"/>`

Attribute colon:peritumoral_Response / @value

Namespace	No namespace
Type	restriction of xs:token
Properties	use: required
Facets	enumeration none enumeration mild_to_moderate enumeration marked
Used by	Element colon:peritumoral_Response

Source	`<xs:attribute name="value" use="required">`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:token">`
	`  <xs:enumeration value="none"/>`
	`  <xs:enumeration value="mild_to_moderate"/>`
	`  <xs:enumeration value="marked"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:attribute>`

Attribute colon:immune_Response / @other_value

Namespace	No namespace

Used by	Element	colon:immune_Response
Source	<xs:attribute name="other_value"/>	

Attribute colon:mucinous_Component / @other_value

Namespace	No namespace	
Used by	Element	colon:mucinous_Component
Source	<xs:attribute name="other_value"/>	

Attribute colon:mucinous_Component / @value

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	positive
	enumeration	negative
	enumeration	equivocal
	enumeration	not_applicable
Used by	Element	colon:mucinous_Component

Source

```
<xs:attribute name="value" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="positive"/>
      <xs:enumeration value="negative"/>
      <xs:enumeration value="equivocal"/>
      <xs:enumeration value="not_applicable"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute colon:mucinous_Component / @percentage

Namespace	No namespace	
Type	restriction of xs:nonNegativeInteger	
Properties	content:	simple
Facets	maxExclusive	100
Used by	Element	colon:mucinous_Component

Source

```
<xs:attribute name="percentage">
  <xs:simpleType>
    <xs:restriction base="xs:nonNegativeInteger">
      <xs:maxExclusive value="100"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute colon:medullary_Component / @other_value

Namespace	No namespace	
Used by	Element	colon:medullary_Component
Source	<xs:attribute name="other_value"/>	

Attribute colon:medullary_Component / @value

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	positive

	enumeration	negative
	enumeration	equivocal
	enumeration	not_applicable
Used by	Element	colon:medullary_Component
Source	<xs:attribute name="value" use="required"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="positive"/> <xs:enumeration value="negative"/> <xs:enumeration value="equivocal"/> <xs:enumeration value="not_applicable"/> </xs:restriction> </xs:simpleType> </xs:attribute>	

Attribute colon:high_grade / @other_value

Namespace	No namespace	
Used by	Element	colon:high_grade
Source	<xs:attribute name="other_value"/>	

Attribute colon:high_grade / @value

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	positive
	enumeration	negative
	enumeration	equivocal
	enumeration	not_applicable
Used by	Element	colon:high_grade
Source	<xs:attribute name="value" use="required"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="positive"/> <xs:enumeration value="negative"/> <xs:enumeration value="equivocal"/> <xs:enumeration value="not_applicable"/> </xs:restriction> </xs:simpleType> </xs:attribute>	

Attribute colon:suggest_microsatellite_instability / @other_value

Namespace	No namespace	
Used by	Element	colon:suggest_microsatellite_instability
Source	<xs:attribute name="other_value"/>	

Attribute colon:tumor_perforation / @other_value

Namespace	No namespace	
Used by	Element	colon:tumor_perforation
Source	<xs:attribute name="other_value"/>	

Attribute colon:tumor_perforation / @value

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required

Facets	enumeration	positive
	enumeration	negative
	enumeration	equivocal
	enumeration	not_applicable
Used by	Element	colon:tumor_perforation

Source

```
<xs:attribute name="value" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="positive"/>
      <xs:enumeration value="negative"/>
      <xs:enumeration value="equivocal"/>
      <xs:enumeration value="not_applicable"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute pert:tumor / @other_value

Namespace	No namespace	
Used by	Element	pert:tumor

Source

```
<xs:attribute name="other_value"/>
```

Attribute colon:adjacent_structure / @other_value

Namespace	No namespace	
Used by	Element	colon:adjacent_structure

Source

```
<xs:attribute name="other_value"/>
```

Attribute colon:adjacent_structure / @value

Namespace	No namespace	
Properties	use:	required
Used by	Element	colon:adjacent_structure

Source

```
<xs:attribute name="value" use="required"/>
```

Attribute colon:adjacent_structure / @extent

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	adheres
	enumeration	invades
	enumeration	other
Used by	Element	colon:adjacent_structure

Source

```
<xs:attribute name="extent" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="adheres"/>
      <xs:enumeration value="invades"/>
      <xs:enumeration value="other"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute colon:deepest_invasion / @other_value

Namespace	No namespace	
Used by	Element	colon:deepest_invasion

Source	<xs:attribute name="other_value"/>

Attribute colon:deepest_invasion / @value

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	lamina_propria
	enumeration	submucosa
	enumeration	muscularis_propria
	enumeration	subserosa
	enumeration	pericolic_tissue
	enumeration	serosal_surface
	enumeration	adjacent_structure
	enumeration	no_evidence_of_tumor
	enumeration	inapplicable
	enumeration	inconclusive
	enumeration	indeterminate
	enumeration	other
Used by	Element	colon:deepest_invasion

Source

```
<xs:attribute name="value" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="lamina_propria"/>
      <xs:enumeration value="submucosa"/>
      <xs:enumeration value="muscularis_propria"/>
      <xs:enumeration value="subserosa"/>
      <xs:enumeration value="pericolic_tissue"/>
      <xs:enumeration value="serosal_surface"/>
      <xs:enumeration value="adjacent_structure"/>
      <xs:enumeration value="no_evidence_of_tumor"/>
      <xs:enumeration value="inapplicable"/>
      <xs:enumeration value="inconclusive"/>
      <xs:enumeration value="indeterminate"/>
      <xs:enumeration value="other"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute pert:invasion / @other_value

Namespace	No namespace	
Used by	Element	pert:invasion
Source	<xs:attribute name="other_value"/>	

Attribute pert:extent / @other_value

Namespace	No namespace	
Used by	Element	pert:extent
Source	<xs:attribute name="other_value"/>	

Attribute pert:distance / @other_value

Namespace	No namespace	
Used by	Element	pert:distance
Source	<xs:attribute name="other_value"/>	

Attribute pert:distance / @unit

Namespace	No namespace

Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	mm
	enumeration	cm
	enumeration	in
Used by	Element	pert:distance

Source

```
<xs:attribute name="unit" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="mm"/>
      <xs:enumeration value="cm"/>
      <xs:enumeration value="in"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute pert:distance / @value

Namespace	No namespace	
Type	restriction of xs:decimal	
Properties	use:	required
Facets	minExclusive	0.0
Used by	Element	pert:distance

Source

```
<xs:attribute name="value" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:decimal">
      <xs:minExclusive value="0.0"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute pert:margin / @other_value

Namespace	No namespace	
Used by	Element	pert:margin

Source

```
<xs:attribute name="other_value"/>
```

Attribute pert:margin / @location

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	proximal
	enumeration	distal
	enumeration	circumferential
	enumeration	lateral
	enumeration	1:00
	enumeration	2:00
	enumeration	3:00
	enumeration	4:00
	enumeration	5:00
	enumeration	6:00
	enumeration	7:00
	enumeration	8:00
	enumeration	9:00
	enumeration	10:00

	enumeration	11:00
	enumeration	12:00
	enumeration	other
Used by	Element	pert:margin
Source	<xs:attribute name="location" use="required"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="proximal"/> <xs:enumeration value="distal"/> <xs:enumeration value="circumferential"/> <xs:enumeration value="lateral"/> <xs:enumeration value="1:00"/> <xs:enumeration value="2:00"/> <xs:enumeration value="3:00"/> <xs:enumeration value="4:00"/> <xs:enumeration value="5:00"/> <xs:enumeration value="6:00"/> <xs:enumeration value="7:00"/> <xs:enumeration value="8:00"/> <xs:enumeration value="9:00"/> <xs:enumeration value="10:00"/> <xs:enumeration value="11:00"/> <xs:enumeration value="12:00"/> <xs:enumeration value="other"/> </xs:restriction> </xs:simpleType> </xs:attribute>	

Attribute pert:margin / @status

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	negative
	enumeration	indeterminate
	enumeration	inapplicable
	enumeration	positive_for_adenoma
	enumeration	positive_for_carcinoma
Used by	Element	pert:margin
Source	<xs:attribute name="status" use="required"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="negative"/> <xs:enumeration value="indeterminate"/> <xs:enumeration value="inapplicable"/> <xs:enumeration value="positive_for_adenoma"/> <xs:enumeration value="positive_for_carcinoma"/> </xs:restriction> </xs:simpleType> </xs:attribute>	

Attribute pert:margin / @closest

Namespace	No namespace	
Type	xs:boolean	
Properties	content:	simple
Used by	Element	pert:margin
Source	<xs:attribute name="closest" type="xs:boolean"/>	

Attribute pert:margins / @other_value

Namespace	No namespace	
Used by	Element	pert:margins

Source	`<xs:attribute name="other_value"/>`

Attribute `pert:venous_invasion / @value`

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	positive
	enumeration	negative
	enumeration	equivocal
	enumeration	not_applicable
Used by	Element	pert:venous_invasion
Source		

```
<xs:attribute name="value" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="positive"/>
      <xs:enumeration value="negative"/>
      <xs:enumeration value="equivocal"/>
      <xs:enumeration value="not_applicable"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute `pert:venous_invasion / @other_value`

Namespace	No namespace	
Used by	Element	pert:venous_invasion
Source		

```
<xs:attribute name="other_value"/>
```

Attribute `pert:lymphovascular_invasion / @value`

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	positive
	enumeration	negative
	enumeration	equivocal
	enumeration	not_applicable
Used by	Element	pert:lymphovascular_invasion
Source		

```
<xs:attribute name="value" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="positive"/>
      <xs:enumeration value="negative"/>
      <xs:enumeration value="equivocal"/>
      <xs:enumeration value="not_applicable"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute `pert:lymphovascular_invasion / @other_value`

Namespace	No namespace	
Used by	Element	pert:lymphovascular_invasion
Source		

```
<xs:attribute name="other_value"/>
```

Attribute `pert:perineural_invasion / @value`

Namespace	No namespace

Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	positive
	enumeration	negative
	enumeration	equivocal
	enumeration	not_applicable
Used by	Element	pert:perineural_invasion
Source	<xs:attribute name="value" use="required"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="positive"/> <xs:enumeration value="negative"/> <xs:enumeration value="equivocal"/> <xs:enumeration value="not_applicable"/> </xs:restriction> </xs:simpleType> </xs:attribute>	

Attribute pert:perineural_invasion / @other_value

Namespace	No namespace	
Used by	Element	pert:perineural_invasion
Source	<xs:attribute name="other_value"/>	

Attribute pert:treatment_effect / @value

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	inapplicable
	enumeration	no_response
	enumeration	slight_response
	enumeration	marked_response
	enumeration	complete_response
	enumeration	other
Used by	Element	pert:treatment_effect
Source	<xs:attribute name="value" use="required"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="inapplicable"/> <xs:enumeration value="no_response"/> <xs:enumeration value="slight_response"/> <xs:enumeration value="marked_response"/> <xs:enumeration value="complete_response"/> <xs:enumeration value="other"/> </xs:restriction> </xs:simpleType> </xs:attribute>	

Attribute pert:treatment_effect / @other_value

Namespace	No namespace	
Used by	Element	pert:treatment_effect
Source	<xs:attribute name="other_value"/>	

Attribute colon:discontinuous_extramural_extension / @other_value

Namespace	No namespace	
Used by	Element	colon:discontinuous_extramural_extension

Source	<xs:attribute name="other_value"/>

Attribute colon:discontinuous_extramural_extension / @value

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	positive
	enumeration	negative
	enumeration	equivocal
	enumeration	not_applicable
Used by	Element	colon:discontinuous_extramural_extension

Source

```
<xs:attribute name="value" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="positive"/>
      <xs:enumeration value="negative"/>
      <xs:enumeration value="equivocal"/>
      <xs:enumeration value="not_applicable"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute colon:preexisting_polyp / @other_value

Namespace	No namespace	
Used by	Element	colon:preexisting_polyp

Source

```
<xs:attribute name="other_value"/>
```

Attribute colon:preexisting_polyp / @value

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	tubular_adenoma
	enumeration	villous_adenoma
	enumeration	tubulovillous_adenoma
	enumeration	serrated_adenoma
	enumeration	sessile_serrated_adenoma
	enumeration	hamartomatous_polyp
	enumeration	indeterminate_type
	enumeration	other
Used by	Element	colon:preexisting_polyp

Source

```
<xs:attribute name="value" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="tubular_adenoma"/>
      <xs:enumeration value="villous_adenoma"/>
      <xs:enumeration value="tubulovillous_adenoma"/>
      <xs:enumeration value="serrated_adenoma"/>
      <xs:enumeration value="sessile_serrated_adenoma"/>
      <xs:enumeration value="hamartomatous_polyp"/>
      <xs:enumeration value="indeterminate_type"/>
      <xs:enumeration value="other"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute pert:accessory / @other_value

Namespace	No namespace

Used by	Element	pert:accessory
Source	<xs:attribute name="other_value"/>	

Attribute pert:extracapsular / @other_value

Namespace	No namespace	
Used by	Element	pert:extracapsular
Source	<xs:attribute name="other_value"/>	

Attribute pert:extracapsular / @value

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	positive
	enumeration	negative
	enumeration	equivocal
	enumeration	not_applicable
Used by	Element	pert:extracapsular
Source	<xs:attribute name="value" use="required"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="positive"/> <xs:enumeration value="negative"/> <xs:enumeration value="equivocal"/> <xs:enumeration value="not_applicable"/> </xs:restriction> </xs:simpleType> </xs:attribute>	

Attribute pert:largest_met / @other_value

Namespace	No namespace	
Used by	Element	pert:largest_met
Source	<xs:attribute name="other_value"/>	

Attribute pert:largest_met / @value

Namespace	No namespace	
Type	xs:float	
Properties	use:	required
Used by	Element	pert:largest_met
Source	<xs:attribute name="value" use="required" type="xs:float"/>	

Attribute pert:largest_met / @unit

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	mm
	enumeration	cm
	enumeration	in
Used by	Element	pert:largest_met
Source	<xs:attribute name="unit" use="required"> <xs:simpleType>	

```
    <xs:restriction base="xs:token">
      <xs:enumeration value="mm"/>
      <xs:enumeration value="cm"/>
      <xs:enumeration value="in"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute `pert:node_status / @other_value`

Namespace	No namespace
Used by	Element pert:node_status
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:node_status / @value`

Namespace	No namespace
Type	restriction of xs:token
Properties	use: `required`
Facets	enumeration `total` enumeration `positive` enumeration `regressed` enumeration `other`
Used by	Element pert:node_status

Source	`<xs:attribute name="value" use="required">`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:token">`
	`  <xs:enumeration value="total"/>`
	`  <xs:enumeration value="positive"/>`
	`  <xs:enumeration value="regressed"/>`
	`  <xs:enumeration value="other"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:attribute>`

Attribute `pert:node_status / @count`

Namespace	No namespace
Type	xs:nonNegativeInteger
Properties	use: `required`
Used by	Element pert:node_status
Source	`<xs:attribute name="count" use="required" type="xs:nonNegativeInteger"/>`

Attribute `pert:node_group / @laterality`

Namespace	No namespace
Type	restriction of xs:token
Properties	use: `required`
Facets	enumeration `right` enumeration `left` enumeration `other`
Used by	Element pert:node_group

Source	`<xs:attribute name="laterality" use="required">`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:token">`
	`  <xs:enumeration value="right"/>`
	`  <xs:enumeration value="left"/>`
	`  <xs:enumeration value="other"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`

	</xs:attribute>

Attribute pert:node_group / @location

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	pericolic
	enumeration	ileocolic
	enumeration	anterior_cecal
	enumeration	posterior_cecal
	enumeration	right_colic
	enumeration	middle_colic
	enumeration	left_colic
	enumeration	inferior_mesenteric
	enumeration	sigmoid
	enumeration	superior_rectal
	enumeration	superior_hemorrhoidal
	enumeration	sigmoidal
	enumeration	sigmoid_mesenteric
	enumeration	middle_hemorrhoidal
	enumeration	lateral_sacral
	enumeration	presacral
	enumeration	internal_iliac
	enumeration	sacral_promontory_(Gerota's)
	enumeration	inferior_hemorrhoidal
	enumeration	anorectal
	enumeration	superficial_inguinal
	enumeration	internal_iliac
	enumeration	hypogastric
	enumeration	femoral
	enumeration	lateral_sacral
Used by	Element	pert:node_group

Source

```
<xs:attribute name="location" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="pericolic"/>
      <xs:enumeration value="ileocolic"/>
      <xs:enumeration value="anterior_cecal"/>
      <xs:enumeration value="posterior_cecal"/>
      <xs:enumeration value="right_colic"/>
      <xs:enumeration value="middle_colic"/>
      <xs:enumeration value="left_colic"/>
      <xs:enumeration value="inferior_mesenteric"/>
      <xs:enumeration value="sigmoid"/>
      <xs:enumeration value="superior_rectal"/>
      <xs:enumeration value="superior_hemorrhoidal"/>
      <xs:enumeration value="sigmoidal"/>
      <xs:enumeration value="sigmoid_mesenteric"/>
      <xs:enumeration value="middle_hemorrhoidal"/>
      <xs:enumeration value="lateral_sacral"/>
      <xs:enumeration value="presacral"/>
      <xs:enumeration value="internal_iliac"/>
      <xs:enumeration value="sacral_promontory_(Gerota's)"/>
      <xs:enumeration value="inferior_hemorrhoidal"/>
      <xs:enumeration value="anorectal"/>
      <xs:enumeration value="superficial_inguinal"/>
      <xs:enumeration value="internal_iliac"/>
      <xs:enumeration value="hypogastric"/>
      <xs:enumeration value="femoral"/>
      <xs:enumeration value="lateral_sacral"/>
```

```
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute `pert:node_group / @other_value`

Namespace	No namespace
Used by	Element pert:node_group
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:nodes / @other_value`

Namespace	No namespace
Used by	Element pert:nodes
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:metastasis / @other_value`

Namespace	No namespace
Used by	Element pert:metastasis
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:metastasis / @site`

Namespace	No namespace
Properties	use: `required`
Used by	Element pert:metastasis
Source	`<xs:attribute name="site" use="required"/>`

Attribute `pert:metastasis / @how_Diagnosed`

Namespace	No namespace
Type	restriction of xs:token
Properties	use: `required`
Facets	enumeration `this_accesion` enumeration `prior_accession` enumeration `outside_report` enumeration `clinical_examination` enumeration `other`
Used by	Element pert:metastasis

Source

```
<xs:attribute name="how_Diagnosed" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="this_accesion"/>
      <xs:enumeration value="prior_accession"/>
      <xs:enumeration value="outside_report"/>
      <xs:enumeration value="clinical_examination"/>
      <xs:enumeration value="other"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute `pert:metastases / @other_value`

Namespace	No namespace
Used by	Element pert:metastases
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:study / @name`

Namespace	No namespace
Properties	use: `required`
Used by	Element pert:study
Source	`<xs:attribute name="name" use="required"/>`

Attribute `pert:study / @result_value`

Namespace	No namespace
Properties	use: `required`
Used by	Element pert:study
Source	`<xs:attribute name="result_value" use="required"/>`

Attribute `pert:studies / @other_value`

Namespace	No namespace
Used by	Element pert:studies
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:prefix / @other_value`

Namespace	No namespace
Used by	Element pert:prefix
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:prefix / @value`

Namespace	No namespace
Type	restriction of list of restriction of xs:token
Type hierarchy	• xs:token
Properties	use: `required`
Facets	minLength 1 maxLength 3
Used by	Element pert:prefix

Source

```
<xs:attribute name="value" use="required">
  <xs:simpleType>
    <xs:restriction>
      <xs:simpleType>
        <xs:list>
          <xs:simpleType>
            <xs:restriction base="xs:token">
              <xs:enumeration value="y"/>
              <xs:enumeration value="r"/>
              <xs:enumeration value="a"/>
              <xs:enumeration value="other"/>
              <xs:enumeration value="y"/>
              <xs:enumeration value="r"/>
              <xs:enumeration value="a"/>
              <xs:enumeration value="other"/>
              <xs:enumeration value="y"/>
              <xs:enumeration value="r"/>
              <xs:enumeration value="a"/>
              <xs:enumeration value="other"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:list>
      </xs:simpleType>
      <xs:minLength value="1"/>
      <xs:maxLength value="3"/>
    </xs:restriction>
  </xs:simpleType>
```

```
</xs:attribute>
```

Attribute `pert:classification / @other_value`

Namespace	No namespace
Used by	Element pert:classification
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:classification / @value`

Namespace	No namespace
Type	restriction of xs:token
Properties	use: `required`
Facets	enumeration `p`
Used by	Element pert:classification

Source	`<xs:attribute name="value" use="required">`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:token">`
	`  <xs:enumeration value="p"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:attribute>`

Attribute `pert:T / @other_value`

Namespace	No namespace
Used by	Element pert:T
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:T / @suffix`

Namespace	No namespace
Type	restriction of xs:token
Properties	content: `simple`
Facets	enumeration `m`
Used by	Element pert:T

Source	`<xs:attribute name="suffix">`
	`  <xs:simpleType>`
	`  <xs:restriction base="xs:token">`
	`  <xs:enumeration value="m"/>`
	`  </xs:restriction>`
	`  </xs:simpleType>`
	`</xs:attribute>`

Attribute `pert:T / @value`

Namespace	No namespace
Type	restriction of xs:token
Properties	use: `required`
Facets	enumeration `X`
	enumeration `0`
	enumeration `is`
	enumeration `1`
	enumeration `2`
	enumeration `3`
	enumeration `4`
Used by	Element pert:T

Source	<xs:attribute name="value" use="required"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="X"/> <xs:enumeration value="0"/> <xs:enumeration value="is"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> <xs:enumeration value="3"/> <xs:enumeration value="4"/> </xs:restriction> </xs:simpleType> </xs:attribute>

Attribute pert:N / @other_value

Namespace	No namespace	
Used by	Element	pert:N
Source	<xs:attribute name="other_value"/>	

Attribute pert:N / @value

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	X
	enumeration	0
	enumeration	1
	enumeration	2
Used by	Element	pert:N
Source	<xs:attribute name="value" use="required"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="X"/> <xs:enumeration value="0"/> <xs:enumeration value="1"/> <xs:enumeration value="2"/> </xs:restriction> </xs:simpleType> </xs:attribute>	

Attribute pert:M / @other_value

Namespace	No namespace	
Used by	Element	pert:M
Source	<xs:attribute name="other_value"/>	

Attribute pert:M / @value

Namespace	No namespace	
Type	restriction of xs:token	
Properties	use:	required
Facets	enumeration	X
	enumeration	0
	enumeration	1
Used by	Element	pert:M
Source	<xs:attribute name="value" use="required"> <xs:simpleType> <xs:restriction base="xs:token"> <xs:enumeration value="X"/> <xs:enumeration value="0"/> <xs:enumeration value="1"/>	

```
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute `pert:stage / @other_value`

Namespace	No namespace
Used by	Element pert:stage
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:finding / @other_value`

Namespace	No namespace
Used by	Element pert:finding
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:finding / @value`

Namespace	No namespace
Type	restriction of xs:token
Properties	use: `required`
Facets	enumeration
	enumeration `adenoma`
	enumeration `ulcerative_colitis`
	enumeration `Crohn's_disease`
	enumeration `dysplasia_with_IBD`
	enumeration `sessile_serrated_adenoma`
	enumeration `other_polyp`
Used by	Element pert:finding
Source	see below

```
<xs:attribute name="value" use="required">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value=""/>
      <xs:enumeration value="adenoma"/>
      <xs:enumeration value="ulcerative_colitis"/>
      <xs:enumeration value="Crohn's_disease"/>
      <xs:enumeration value="dysplasia_with_IBD"/>
      <xs:enumeration value="sessile_serrated_adenoma"/>
      <xs:enumeration value="other_polyp"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
```

Attribute `pert:additional / @other_value`

Namespace	No namespace
Used by	Element pert:additional
Source	`<xs:attribute name="other_value"/>`

Attribute `pert:synopsis / @other_value`

Namespace	No namespace
Used by	Element pert:synopsis
Source	`<xs:attribute name="other_value"/>`