

pupillometryData (PupillometryData)

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identification	
occurs	1
id (element of identification)	
type	string
occurs	1
restriction	length: 1..50 chars
description	measurement id from measurement device
timeStamp (element of identification)	
type	dateTime
occurs	1
description	measurement time from measurement device
counter (element of identification)	
type	int
occurs	0..1
restriction	min: 0
description	counter of ?
device (element of identification)	
occurs	0..1
deviceId (element of device)	
type	string
occurs	1
restriction	length: 1..50 chars
description	id of measurement device
softwareVersion (element of device)	
type	string
occurs	1
restriction	length: 1..50 chars
description	software version of measurement device
pupilData	
occurs	0..4
side (attribute of pupilData)	
type	Sides
use	required
description	eye side
condition (attribute of pupilData)	
type	LightingContitions
use	required
description	lighting conditions

illuminance (attribute of pupilData)	
type	float
unity	lux
use	optional
description	

pupilDiameter (element of pupilData)	
type	float
unity	mm
occurs	1
description	diameter of pupil

pupilCenter (element of pupilData)	
occurs	1

x (element of pupilCenter)	
type	float
unity	mm
occurs	1
description	x coordinate of pupil center

y (element of pupilCenter)	
type	float
unity	mm
occurs	1
description	y coordinate of pupil center

application	
type	int
occurs	0..1
restriction	min: 0
description	

```
<xs:complexType name="PupillometryData">
  <xs:sequence>
    <xs:element name="identification">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="id">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="1" />
                <xs:maxLength value="50" />
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="timeStamp" type="xs:dateTime" />
          <xs:element minOccurs="0" name="counter">
            <xs:simpleType>
              <xs:restriction base="xs:int">
                <xs:minInclusive value="0" />
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

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        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element minOccurs="0" name="device">
      <xs:complexType>
        <xs:sequence>
          <xs:element name="deviceId">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="1" />
                <xs:maxLength value="50" />
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
          <xs:element name="softwareVersion">
            <xs:simpleType>
              <xs:restriction base="xs:string">
                <xs:minLength value="1" />
                <xs:maxLength value="50" />
              </xs:restriction>
            </xs:simpleType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element minOccurs="0" maxOccurs="4" name="pupilData">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="pupilDiameter" type="xs:float" />
      <xs:element name="pupilCenter">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="x" type="xs:float" />
            <xs:element name="y" type="xs:float" />
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
    <xs:attribute name="condition" type="LightingContitions"
use="required" />
    <xs:attribute name="side" type="Sides" use="required" />
    <xs:attribute name="illuminance" type="xs:float"/>
  </xs:complexType>
</xs:element>
<xs:element minOccurs="0" name="application" type="xs:integer" />
</xs:sequence>
</xs:complexType>

```

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