pupillometryData (PupillometryData)

b2boptic → items → item → pair → patient → pupillometryData

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