patient (Patient)

NEEDREVIEW

```
02.06.2020 Added sensitivity -> farVision

02.06.2020 Added sensitivity -> nearVision

02.06.2020 Added sensitivity -> previousDesign

02.06.2020 unity for the three new items must be added

Section can be deleted after review!
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b2boptic → items → item → pair → patient

base element	
type	Account

id	
type	string
occurs	1
description	patient number

memberShipID (attribute of id)	
type	long
use	optional
default	1
description	obsolete field; never used

name	
type	string
occurs	0..1
description	name of the patient; obsolete field, please use firstName/lastName in contact

address	
type	Address
occurs	0..1
description	address of the patient

contact	
type	ContactInfo
occurs	0..1
description	contact info of the patient

mailAllowed	
type	boolean

mailAllowed	
occurs	0..1
default	false
description	the patient have agreed to mail or email
gender	
type	Gender
occurs	0..1
description	gender of the patient (MALE, FEMALE, DIVERS)
dateOfBirth	
type	date
occurs	0..1
description	the date of birth of the patient
interpupillaryDistanceRight/Left	
type	float
unity	mm
occurs	0..1
description	right and left interpupillary distance of the patient eyes. Do not use for centration.
nearObjectDistance	
type	float
unity	mm
occurs	0..1
description	object distance for close range (e.g. reading)
middleObjectDistance	
type	float
unity	mm
occurs	0..1
description	object distance for middle range
farObjectDistance	
type	float
unity	mm
occurs	0..1
description	object distance for far range (e.g. room)
nearRefractionDistance	
type	float
unity	mm
occurs	0..1
description	refraction distance for close range (e.g. reading)
additionRefractionMethod	
type	AdditionRefractionMethod
occurs	0..1
description	method of addition refraction
backVertexDistanceRefractionRight/Left	
type	float
unity	mm
occurs	0..1
description	right and left backvertex distance at refraction

iProfilerData	
type	IProfilerData
occurs	0..1
description	wavefrontdata of a aberrometer measurement
headTilt	
type	float
unity	degree
occurs	0..1 (not together with headTiltMagnitude)
description	the tilt of the patients head as a absolute value
headTiltMagnitude	
type	HeadTiltMagnitude
occurs	0..1 (not together with headTilt)
description	the tilt of the patients head
ipseo	
occurs	0..1
description	values for Essilor Ipseo lenses
he (element of ipseo)	
type	float
unity	none
occurs	1
description	the head-eye-coefficient
st (element of ipseo)	
type	float
unity	none
occurs	1
description	the stab-coefficient
headCape	
type	float
unity	degree
occurs	0..1
description	the movement of the patients head
applianceWeight	
type	ApplianceWeight
occurs	0..1
description	the preference of use for the lens by the patient
dominantEye	
type	DominatEyeSide
occurs	0..1
description	the dominating eye
handedness	
type	HandednessSide
occurs	0..1
description	the individual preference for use of a hand; dominant hand
bodyheight	
type	float
unity	mm

bodyheight	
occurs	0..1
description	the total height of a patient body

nvb	
type	string
occurs	0..1
description	„Near Vision Behaviour“, measured by Essilor devices

ISNEWLO010604 sensitivity	
occurs	0..1
description	

ISNEWLO010604 farVision	
type	float
unity	???
occurs	0..1
description	

ISNEWLO010604 nearVision	
type	float
unity	???
occurs	0..1
description	

previousDesign	
type	float
unity	???
occurs	0..1
description	

```
  <xs:complexType name="Patient" mixed="false">
    <xs:complexContent>
      <xs:extension base="Account">
        <xs:sequence minOccurs="0">
          <xs:element name="mailAllowed" type="xs:boolean" default="false"
minOccurs="0"/>
          <xs:element name="gender" type="Gender" minOccurs="0"/>
          <xs:element name="dateOfBirth" type="xs:date" minOccurs="0"/>
          <xs:sequence minOccurs="0">
            <xs:element name="interpupillaryDistanceRight" type="xs:float"/>
            <xs:element name="interpupillaryDistanceLeft" type="xs:float"/>
          </xs:sequence>
          <xs:element name="nearObjectDistance" type="xs:float"
minOccurs="0"/>
          <xs:element name="middleObjectDistance" type="xs:float"
minOccurs="0"/>
          <xs:element name="farObjectDistance" type="xs:float"
minOccurs="0"/>
          <xs:element name="nearRefractionDistance" type="xs:float"
minOccurs="0"/>
          <xs:element name="additionRefractionMethod"
type="AdditionRefractionMethod" minOccurs="0"/>
```

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          <xs:sequence minOccurs="0">
            <xs:element name="backVertexDistanceRefractionRight"
type="xs:float"/>
            <xs:element name="backVertexDistanceRefractionLeft"
type="xs:float"/>
          </xs:sequence>
          <xs:element name="iProfilerData" type="IProfilerData"
minOccurs="0"/>
          <xs:element name="pupillometryData" type="PupillometryData"
minOccurs="0"/>
          <xs:choice minOccurs="0">
            <xs:element name="headTilt" type="xs:float"/>
            <xs:element name="headTiltMagnitude" type="HeadTiltMagnitudes"/>
          </xs:choice>
          <xs:element name="ipseo" minOccurs="0">
            <xs:complexType>
              <xs:sequence>
                <xs:element name="he" type="xs:float"/>
                <xs:element name="st" type="xs:float"/>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
          <xs:element name="headCape" type="xs:float" minOccurs="0"/>
          <xs:element name="applianceWeight" type="ApplianceWeight"
minOccurs="0"/>
          <xs:element name="dominantEye" type="DominatEyeSide"
minOccurs="0"/>
          <xs:element name="handedness" type="HandednessSide"
minOccurs="0"/>
          <xs:element name="bodyheight" type="xs:float" minOccurs="0"/>
          <xs:element name="nvb" type="xs:string" minOccurs="0"/>
          <xs:element name="sensitivity" minOccurs="0">
            <xs:complexType>
              <xs:sequence>
                <xs:element name="farVision" type="xs:float" minOccurs="0"/>
                <xs:element name="nearVision" type="xs:float"
minOccurs="0"/>
                <xs:element name="previousDesign" type="xs:float"
minOccurs="0"/>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
```

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