patient (Patient)

NEEDREVIEW

```
02.06.2020 Added sensitivity -> farVision

02.06.2020 Added sensitivity -> nearVision

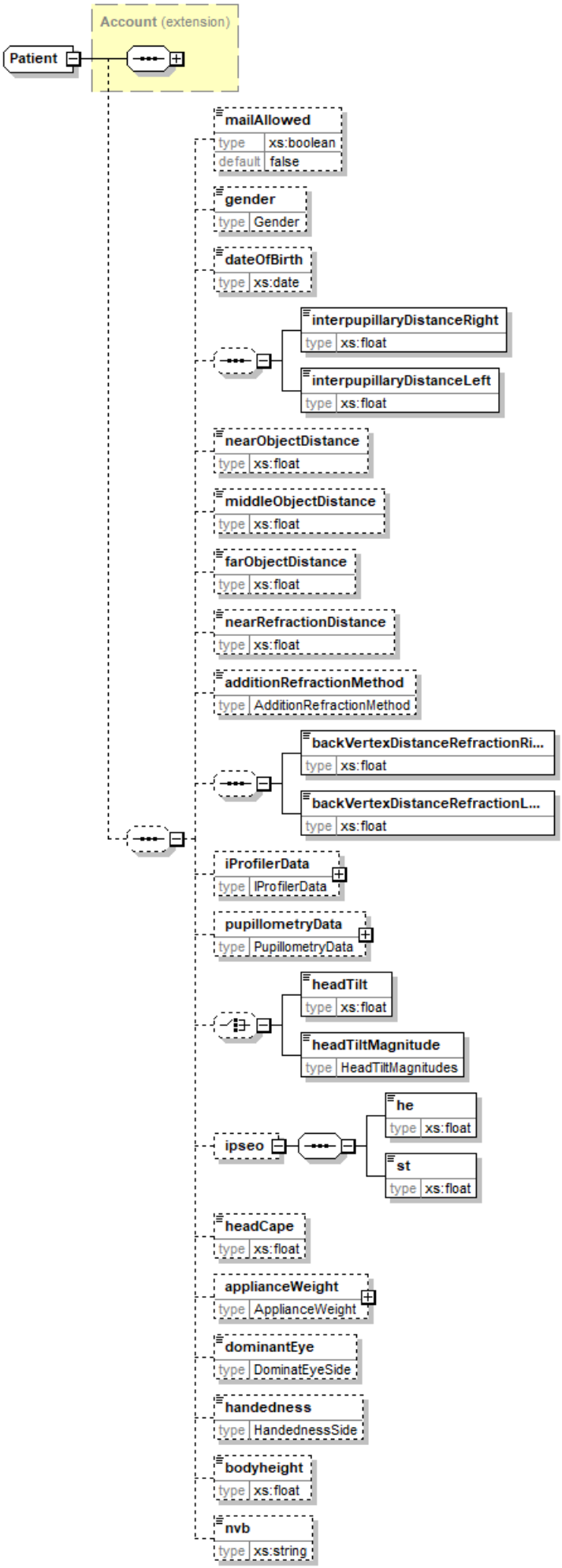
02.06.2020 Added sensitivity -> previousDesign

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


Account (extension)
Patient
mailAllowed
type xs:boolean
default false
gender
type Gender
dateOfBirth
type xs:date
interpupillaryDistanceRight
type xs:float
interpupillaryDistanceLeft
type xs:float
nearObjectDistance
type xs:float
middleObjectDistance
type xs:float
farObjectDistance
type xs:float
nearRefractionDistance
type xs:float
additionRefractionMethod
type AdditionRefractionMethod
backVertexDistanceRefractionRi...
type xs:float
backVertexDistanceRefractionL...
type xs:float
iProfilerData
type IProfilerData
pupillometryData
type PupillometryData
headTilt
type xs:float
headTiltMagnitude
type HeadTiltMagnitudes
ipseo
he
type xs:float
st
type xs:float
headCape
type xs:float
applianceWeight
type ApplianceWeight
dominantEye
type DominatEyeSide
handedness
type HandednessSide
bodyheight
type xs:float
nvb
type xs:string

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
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
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	

ISNEWLO010604 previousDesign	
type	float

ISNEWLO010604 previousDesign	
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"/>
          <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"
```

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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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Last update: **2021/06/18 10:51**