```xml
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
elementFormDefault="qualified" attributeFormDefault="unqualified">
    <!--
The Ambulatory Patient Data XML Schema is incorporated by reference in the Ambulatory
Patient Data Reporting Instructions, 59B-9.034, F.A.C. adopted January 1, 2023.
This file is currently posted at http://ahca.myflorida.com/xmlschemas/AS10-5.xsd.
The content and structure of this file is maintained by the Agency for Health Care Information -
State of Florida. Usage of this schema does NOT guarantee
acceptance of files submitted to the Agency for Health Care Information based upon this schema.
HISTORY:
    Created: 10/20/2022 Siva & Sasi - Updated for 10-5 schema for the new Fddc system
-->
  <xs:element name="HC_DATA">
   <xs:complexType>
    <xs:sequence>
     <xs:element name="HEADER" type="HEADERType"/>
     <xs:element name="RECORDS">
      <xs:complexType>
       <xs:sequence>
        <xs:element name="RECORD" type="RECORDType" maxOccurs="unbounded"/>
       </xs:sequence>
      </xs:complexType>
      <xs:key name="PATIENT_CONTROL_NUMBER" >
       <xs:selector xpath="RECORD"/>
       <xs:field xpath="@id" />
      </xs:key>
     </xs:element>
     <xs:element name="TRAILER" type="TRAILERType"/>
    </xs:sequence>
   </xs:complexType>
  </xs:element>
  <xs:complexType name="RECORDType">
   <xs:sequence>
    <xs:element name="AHCA_NUM">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:minLength value="1"/>
       <xs:maxLength value="8"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element name="MED_REC_NUM" minOccurs="1">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:pattern value="[A-Za-z0-9_.-]{1,24}"/>
```

```xml
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="PATIENT_SSN" minOccurs="1" type="SSNType"/>
  <xs:element name="PATIENT_ETHNICITY">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:pattern value="E[1,2,7]"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="PATIENT_RACE" type="PREType"/>
  <xs:element name="PATIENT_BIRTHDATE" minOccurs="1" type="DateType">
  </xs:element>
  <xs:element name="PATIENT_SEX" type="PSEXType" />
  <xs:element name="PATIENT_ZIP">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:pattern value="\d{5}"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="PATIENT_COUNTRY">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:pattern value="[A-Z][A-Z]|[9][9]"/>
        <xs:length value="2"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="SERVICE_CODE">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:pattern value="[12]"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="ADMIT_SOURCE">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:pattern value="[0][0,1,2,4-6,8-9]|[D,E,F]"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="PRINC_PAYER_CODE" type="PPCType" />
  <xs:element name="PRINC_DIAG_CODE" minOccurs="0" type="ICD10DiagType" />
```

```xml
    <xs:element name="OTHER_DIAG_CODE" minOccurs="0" maxOccurs="9"
type="ICD10DiagType" />
    <xs:element name="EVAL_MGMT_CODE" minOccurs="0" maxOccurs="5">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:pattern value="9928[1-5,8]|9929[1,2]|G038[0-4]|99999"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element name="OTHER_CPT_HCPCS_CODE" minOccurs="0" maxOccurs="30">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:pattern value="[A-Z0-9]{5}"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element name="ATTENDING_PRACT_ID" minOccurs="1">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:pattern value="[A-Z0-9]{1,15}"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element name="ATTENDING_PRACT_NPI" minOccurs="1">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:pattern value="[0-9]{10}"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element name="OPERATING_PRACT_ID" minOccurs="0">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:pattern value="[A-Z0-9]{1,15}"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element name="OPERATING_PRACT_NPI" minOccurs="0">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:pattern value="[0-9]{10}"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element name="OTHER_PRACT_ID" minOccurs="0">
     <xs:simpleType>
```

```xml
      <xs:restriction base="xs:string">
       <xs:pattern value="[A-Z0-9]{1,15}"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element name="OTHER_PRACT_NPI" minOccurs="0">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:pattern value="[0-9]{10}"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element name="PHARMACY_CHARGES" type="ChargeType" />
    <xs:element name="MED_SURG_SUPPLY_CHARGES" type="ChargeType" />
    <xs:element name="LAB_CHARGES" type="ChargeType" />
    <xs:element name="RADIOLOGY_IMAGING_CHARGES" type="ChargeType" />
    <xs:element name="CARDIOLOGY_CHARGES" type="ChargeType" />
    <xs:element name="OPER_ROOM_CHARGES" type="ChargeType" />
    <xs:element name="ANESTHESIA_CHARGES" type="ChargeType" />
    <xs:element name="RECOVERY_ROOM_CHARGES" type="ChargeType" />
    <xs:element name="ER_ROOM_CHARGES" type="ChargeType" />
    <xs:element name="TRAUMA_RESP_CHARGES" type="ChargeType" />
    <xs:element name="TREATMENT_OBSERVATION_ROOM_CHARGES"
type="ChargeType" />
    <xs:element name="GI_SERVICES_CHARGES" type="ChargeType" />
    <xs:element name="EXTRA_CORP_SHOCK_WAVE_CHARGES" type="ChargeType" />
    <xs:element name="OTHER_CHARGES" type="ChargeType" />
    <xs:element name="TOTAL_CHARGES" type="GrossChargeType" />
    <xs:element name="VISIT_BEGIN_DATE" type="DateType">
    </xs:element>
    <xs:element name="VISIT_END_DATE" type="DateType">
    </xs:element>
    <xs:element name="ARRIVAL_HOUR">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:pattern value="[0,1][0-9]|[2][0,1,2,3]|[9][9]"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
    <xs:element name="ED_DISCHARGE_HOUR">
     <xs:simpleType>
      <xs:restriction base="xs:string">
       <xs:pattern value="[0,1][0-9]|[2][0,1,2,3]|[9][9]"/>
      </xs:restriction>
     </xs:simpleType>
    </xs:element>
```

```xml
<xs:element name="PATIENT_REASON" minOccurs="0" type="ICD10DiagType" />
<xs:element name="ECMORB" minOccurs="0" maxOccurs="3"
type="ICD10ECMorbCodeType" />
<xs:element name="SERVICE_LOCATION" minOccurs="0">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:pattern value="[A-Z]"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="PATIENT_STATUS">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:pattern value="[0][1-7]|[2][0,1]|[5][0,1]|[6][2-6]|[7][0]"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
</xs:sequence>
<xs:attribute name="id">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:pattern value="[A-Za-z0-9 _.-]{1,24}"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
</xs:complexType>
<xs:complexType name="TRAILERType">
  <xs:sequence>
    <xs:element name="NUMBER_OF_RECORDS">
      <xs:simpleType>
        <xs:restriction base="xs:positiveInteger"/>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="HEADERType">
  <xs:sequence>
    <xs:element name="RPT_YEAR">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:pattern value="[2][0-9][1-9][0-9]"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="RPT_QTR">
      <xs:simpleType>
```

```xml
        <xs:restriction base="xs:string">
          <xs:pattern value="[1-4]"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="DATA_TYPE">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="AS10-5"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="SUBMISSION_TYPE">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:pattern value="[IR]"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="PROC_DATE" type="DateType" >
    </xs:element>
    <xs:element name="AHCA_NUM">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="8"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="MEDICARE_NUM">
      <xs:simpleType>
        <xs:restriction base="xs:string">
         <xs:pattern value="[0-9]{7}"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="ORG_NAME">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="40"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

```xml
<xs:simpleType name="SSNType">
 <xs:restriction base="xs:string">
  <xs:pattern value="[0-9]{9}"/>
 </xs:restriction>
</xs:simpleType>
<xs:simpleType name="PREType">
 <xs:restriction base="xs:positiveInteger">
  <xs:pattern value="[1-7]"/>
 </xs:restriction>
</xs:simpleType>
<xs:simpleType name="PSEXType">
 <xs:restriction base="xs:string">
  <xs:pattern value="[MFU]"/>
 </xs:restriction>
</xs:simpleType>
<xs:simpleType name="PPCType">
 <xs:restriction base="xs:string">
  <xs:pattern value="[A-E,H-Q]"/>
 </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ICD10DiagType">
 <xs:restriction base="xs:string">
  <xs:pattern value="[A-Z][0-9][0-9A-Z]\.[0-9A-Z]{0,4}|[A-Z]\d{2}"/>
 </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ICD10ECMorbCodeType">
 <xs:restriction base="xs:string">
  <xs:pattern value="[A-Z]\d{2}\.[0-9A-Z]{0,4}|[A-Z]\d{2}"/>
 </xs:restriction>
</xs:simpleType>
<xs:simpleType name="ChargeType">
 <xs:restriction base="xs:string">
  <xs:pattern value="\d{1,15}"/>
 </xs:restriction>
</xs:simpleType>
<xs:simpleType name="GrossChargeType">
 <xs:restriction base="xs:string">
  <xs:pattern value="\d{1,20}"/>
 </xs:restriction>
</xs:simpleType>
<xs:simpleType name="DateType">
 <xs:union>
  <xs:simpleType>
   <xs:restriction base="xs:date"/>
  </xs:simpleType>
  <xs:simpleType>
```

```xml
      <xs:restriction base="xs:string">
        <xs:pattern value="([012][0-9]{3}-(0[1-9]|1[0-2])-(0[1-9]|[12][0-9])|(0[1-9]|[12][1-9]|3[01]))"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:union>
 </xs:simpleType>
</xs:schema>
```