

## Extensible Mark-Up Language (XML) Hierarchical Structure

The web-based eHIVQUAL system permits a facility to import all required data elements directly into the website. To take advantage of this feature, an import file can be constructed from existing data sources within the facility. The specifications for the XML file are outlined below.

There is a header and three levels of elements within the eHIVQUAL Import Document Type Definition (DTD). These levels are the top element, the parent elements, and the child elements. The child elements are defined in the data dictionary section of this XML Specification.

### 1. The Header

- Contains an XML Version Line and a Document Type Line
  - a. XML Version Line
    - i. Mandatory
    - ii. `<?xml version="1.0"?>`
  - b. Document Type Line
    - i. Mandatory
    - ii. `<!DOCTYPE EHIVQUAL SYSTEM  
"http://www.ehivqual.org/eHVIQUAL_XML_Import_DTD.dtd">`

### 2. Top Element

- EHIVQUAL
  - a. Mandatory
  - b. Occurrence – one
  - c. This element contains all parent elements

### 3. Parent Elements -Refer to the DTD for the list of child elements for each parent element

- tblPatient
  - a. Mandatory
  - b. Occurrence - one or many per EHIVQUAL
  - c. This element contains data related to the patient for the episode of care (EOC)
- tblReviewDetail
  - a. Occurrence - none or one per tblPatient
  - b. This element contains data related to the assessment of the patient
- tblMedication
  - a. Occurrence - none, one, or many per tblPatient
  - b. This element contains data related to ARV medications for the EOC

### 4. Child Elements - Refer to the data dictionary for the definition of each child element.