Patient Population EHI Export Data Overview and User Instructions

Patient Population Electronic Health Information (EHI) Export is intended systematically allow for the extraction and export of a single patient's EHI for an Office of the National Coordinator for Health IT (ONC)-certified Patient Portal system in an electronic and computable (machine-processable) format. The Patient Population export process extracts all data for a Patient Population in the Patient Portal system, transforms it where applicable for consumption, and creates a one or more files to hold the data. This includes core EHR data stored in a database along with data that has been created.

Exporting Patient Population Electronic Health Information involves the process of transferring a patient's health data into a standardized format. The primary purpose of this function is to facilitate the exchange of health information between healthcare providers, systems or for the patient's personal use.

Key elements usually included in such requests are:

Data Elements:
- [Demographics](#)
- [Clinical Notes](#)
- [Vital Signs](#)
- [Laboratory Results](#)
- [Procedures](#)

Standard Formats:
- Data is typically exported in standardized formats such as HL7 (Health Level Seven) or CDA (Clinical Document Architecture)
- HL7 FHIR (Fast Healthcare Interoperability Resources) is becoming increasingly popular for its modern, web-based approach.

Data Source:
- InteliChart Patient Portal

Filename Format:
- Zip

Extraction Directory:
- Download location

Privacy and Security:
- Compliance with privacy regulation (e.g., HIPAA)
- Authorization is required for EHI export

Methods of Export:
- CCDs through the Practice Portal
- CCDs through the Practice Portal in bulk

Potential use Cases:
- Care coordination through sharing patient data amongst healthcare providers to ensure continuity of care and transparency
- Patient empowerment by allowing control and access to health information
- Research and analytics

All Patient Mode:

1. Zip File Naming Convention: Patient_export_{date}.zip

    a. Each Patient with a folder with the single format(as described below)

        i. Lastname_FirstName_ccda.xml

            1. CCA File Conformant to the Curs Act USCDI v1. Please refer to USCDI-Version-1-July-2020-Errata-Final_0.pdf for CCDA specifications

        ii. Sub Folders

            1. Encounters-All visit notes in PDF and ZIP file format (0 to many)

                a. {encounterId}_{date}.pdf or {encounterId}_{date}.html

            2. Patient Documents-Other documents in PDF format or ZIP file format

                a. {documentedId}_{date} PDF or {documentId}_{date} ZIP

Specific details may vary based on the healthcare system and technology in use. It is always our organization's goal to comply with relevant regulations and standards as documented by the ONC when handling EHI.

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