Ankhos Oncology Software

EHI Export format specification

§170.315(b)(10) Electronic Health Information export

General Information

Export format version: 1.0, last updated 2023-08-03

Developer Name: Ankhos Oncology Software, LLC

Product Name(s): Ankhos

Version Number(s): 4

Certified Health IT Product List (CHPL) Product Number(s): 15.05.05.2959.ANKH.01.00.0.210111

Format specification URL: https://www.ankhos.com/s/EHIExportFormatSpecification.pdf

Expected Contents

A zip file will be delivered for each unique patient exported, containing all accessible EHI for the patient. For mass-export functionality, one zip file per patient will be delivered.

Each zip file will contain information about a single chart, including all computable values as well as binary format documents such as images and pdfs.

Each zip file will contain multiple documents in JSON format describing attributes of each clinical domain, e.g. Medications, Allergies.

The expected size of each zip file may range from 1MB to 500MB, depending on how many binary files have been included in the archive.

Package Manifest

The full list of JSON files is as follows (Current export contents as of 2023-08-03):

patient.json – All demographics, including phone numbers, emails, race and ethnicities, etc.

allergies.json – Allergy Information, including RxNorm references where applicable

medications.json – Medication information, including RxNorm references where applicable

prescriptions.json – Prescription Medication Order information including RxNorm references where applicable

orders.json – Other orders, including procedures, infusion and exam orders

notes.json – General notes such as warnings and administrative notes.

appointments.json – Appointments with location, facility and time

encounters.json – Patient encounters including CPT codes where applicable

diagnoses.json – ICD10 Diagnosis encounters

assignments.json – Intra-office messages regarding the patient

documents.json – Progress notes, Nurse notes, etc.

external_docs.json – Imported references for imported Binary documents which reference PNG images

icdo_diagnoses.json – Cancer-specific Diagnosis list

snomed_diagnoses.json – SNOMED-centric diagnosis list

immunizations.json – Immunization information

insurance.json – Current Insurance information

labs.json – Discrete lab values with LOINC translations, where applicable

iv_accesses.json – Nursing administration documentation

performance_statuses.json – ECOG score documentation

adverse_events.json – Nursing adverse event documentation

References to Binary files

All references to binary files will be included in the root of the zip file. Pages for External documents will be included as /scanned_documents/*.png, where * is the key referenced in a JSON object.

PDF documents will be included as /pdf/*.pdf, where * is the key referenced in a JSON object.

Standards used

All data for a chart will be packaged in a ZIP file using the ISO/IEC 21320-1:2015 standard found at https://www.iso.org/standard/60101.html.

Data files for computable elements within the ZIP file will be stored using the JSON format using the ISO/IEC 21778:2017 standard found at https://www.iso.org/standard/71616.html.

All images are delivered using the ISO/IEC 15948:2004 standard for PNG lossless compression algorithm for images found at https://www.iso.org/standard/29581.html.

Other documents included in a patient record may be originally obtained in PDF format. We preserve those formats and deliver those documents in this file using the ISO 32000-2:2020 standard for PDF documents found at https://www.iso.org/standard/75839.html. The PDF standard was developed by Adobe, Inc.