Nextech EHR (powered by IntelleChartPRO)

EHI Export

Overview

This page provides guidance on the export of Electronic Health Information (EHI) from Nextech EHR (powered by IntelleChartPRO), in accordance with 170.315 (b)(10) Electronic Health Information export of the ONC 2015 Edition Cures Update Certification Criteria.

EHI documentation for Nextech EHR will consist of:

- Folder structure description
- Data Dictionary of all fields exported with the Single EHI Export
- Publicly available hyperlink for EHI documentation

Note: All exported data is considered Protected Health Information (PHI) and requires that all guidelines be used to ensure that the information is encrypted and stored appropriately after download.
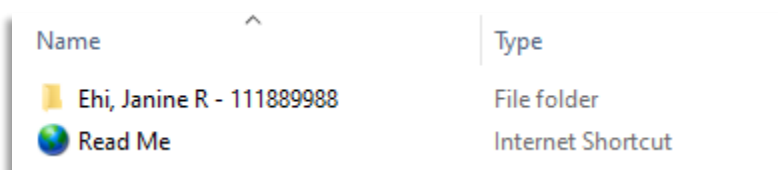
Data Dictionary

Data Dictionary for EHI for Nextech EHR: Nextech EHR Data Dictionary

ZIP folder Structure

As a result of the EHI Single Patient Export, Nextech EHR will return a ZIP file. This ZIP file consists of the following folders and files in following structure:

- **Patient Data folder** - contains all JSON, XML (CCDA), and PDF EHI files for the patient. Within the Patient Data Folder, a subfolder for each type of EHI can be found. Please see below for a description of each folder.
- **Read Me file** - the file containing the public link to the documentation.

Name	Type
Ehi, Janine R - 111889988	File folder
Read Me	Internet Shortcut

ZIP file name

The ZIP file name consists of:

- Patient Last Name, First Name and Middle Initial.
- Patient's unique Medical Record Number (MRN)

For example: **LastName_First Name_MiddleInitial_MRN.zip**

Folders & Files within the Patient Data folder

Files exported within the Patient Data folder are:

Folder	File	Description
Appointments	Appointments.json	Export of all patient appointments
Clinical Alerts	ClinicalAlerts.json	
Communications	Communications.json	Export of Patient Communications – IntelleChartPRO only customers
	InternalCommunications.json	Export of Patient Internal Communications
	SecureMessages.json	Export of Patient Secure Messages (exist from the patient portal)
	ToDos.json	Tasks that are stored in the Microservice database
Consents	[Consent Template/Location].pdf Ex: Informed Consent for Cataract Surgery (OD).pdf	Signed patient consents
Demographics	Notes.json	Patient Demographics
Documents > Document Type > Date	1. Document file(s) in .jpg format 2. Metadata file(s) whose name contains the document number in .txt format	Document file and a text file which contains the corresponding meta data.
Encounters (organized by date of encounter)	2 files may be found in this folder: 1. CCDA.xml 2. ChartNote.PDF For Bulk Export, Letters.PDF are also included (see letters format below)	Each encounter is organized in its own subfolder within the Encounters Folder. The individual encounter will be identified by Year-Month – Date – Encounter Time:

		2020-07-13 04:24:50
		Unsigned encounters will not be exported.
Forms > Patient Forms	YEAR-Month-Day – Time.pdf 2023-10-26 21:34:08.pdf	Signed patient forms
Glaucoma Flow Sheet Comments	GlaucomaFlowSheetComments.json	Comments from the Glaucoma FlowSheet
Images > File Type > Date	1. Image file(s) in .jpg format 2. Metadata file(s) whose name contains the image number in .txt format	Image file and a text file which contains the corresponding meta data.
Insurance & Authorization	InsuranceAuthorization.json	Insurance and Authorization notes
Intravitreal Injection Log Comments	IntravitrealInjectionLogComments.json	Comments from the Intravitreal Injection Log
Letters	[Letter Type]_Date_(Type Count).pdf Ex: Update_2023-11-22(0000).pdf For bulk export: [Letter Type].pdf Ex: Update.pdf	Signed letters
Laboratories	Laboratory.json	Ordered studies including labs and results
Procedures	Procedures.json	Logged Procedures (procedures, diagnostics, surgeries)
Referrals	Referrals.json	Referral information (outgoing and incoming communication information)
Refractions	Refractions.json	Refractions
Shared Care Comments	IncomingSharedCareComments.json	Incoming comments received through Shared Care
	OutgoingSharedCareComments.json	Outgoing comments received through Shared Care
Shared Care Received	Chart Notes.pdf	Chart notes received through Shared Care

Specialty Medications	Specialty Medications.json	Exported Specialty Medications
Surgery Planner Comments	Surgery Planner Comments.pdf	Exported Surgery Planner

CCDA file within the ZIP file

CCDA (Consolidated Clinical Document Architecture) is standardized file format used for health information exchange, formatted in the XML as defined in the HL7 Implementation Guide.

http://www.hl7.org/ccdasearch/pdfs/Companion_Guide.pdf

Within the CCDA following data classes are exported for a given patient:

- Allergies
- Chief Complaint
- Clinical Notes
- Clinical Tests
- Demographics
- Discussions
- Diagnostic Imaging
- Encounters
- Functional and Cognitive Status
- Health Concerns
- Health Status/Assessment
- Immunizations
- Implantable Devices
- Insurance Coverage
- Laboratory Results
- Medications
- Patient Care Team
- Patient Goals
- Plan of Care
- Problem List
- Procedures
- Reason for Referral
- Reason for Visit
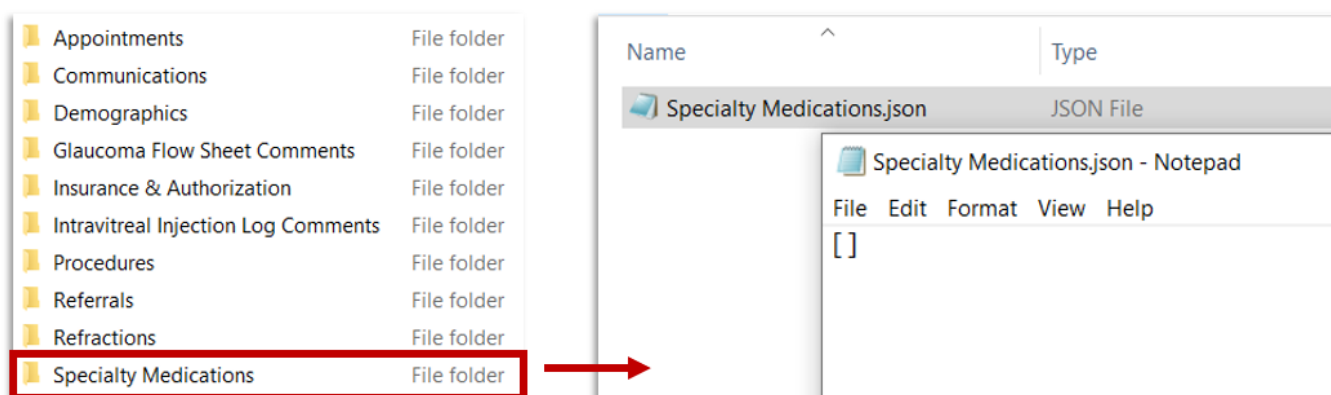- Social Status
- Specialty Medications
- Vitals

Additional Notes

Exports for Patients without Data

Nextech

At a minimum, patients must have demographics stored within Nextech EHR to initiate an EHI export. Folders for the following EHI data classes will display in the export by default. If data does not exist for one or more of the data classes, then an empty JSON file will be created.

- Appointments
- Communications
- Demographics
- Glaucoma Flow Sheet Comments
- Insurance & Authorization
- Intravitreal Injection Log Comments
- Procedures
- Referrals
- Refractions
- Specialty Medications

Example:

- Folders for the following EHI and their applicable JSON/XML/PDF files will ONLY be included in the EHI export if there is patient data for the given data class:
  - Consents
  - Encounters (Chart Notes and CCDA)
  - Letters
  - Shared Care Comments
  - Surgery Planner Comments

Single Patient EHI Export Auditing

Single Patient EHI exports may be initiated within Nextech EHR by any user with permission to do so. When an EHI export is requested, the following information will be recorded in the audit log with the date/timestamp for:

- Patient the EHI Export is requested for.
- User initiating EHI export processing event.
- User downloading the EHI Export

Bulk Patient EHI Export Auditing

Bulk patient EHI exports are initiated at the request of the client via a support ticket entered by the client or a Nextech representative. This ticket is associated with the customer's Salesforce account and includes details about the request of the export including who requested the export, pertinent request and resolution date, Nextech representatives assigned to the export and any pertinent comments/details entered by the Nextech representative.

Encounter Data

For each patient encounter we are creating a separate PDF file in the Encounters folder. The format, items, fields, and content used in the PDF files, and the order by which this information is presented, is custom and the user/practitioner can use, move, create items and sections based on their preferences and needs for a specific patient.

Documents and Images Folders

Document types may be configured by the practice to display in either the Documents Tab or Images Tab on the Patient Summary Page and may vary practice to practice. All documents attached to the patient's chart in Nextech EHR will be exported to the Documents or Images Folder in the EHI ZIP file based on the document type configuration by the practice.

Types of documents/images include but are not limited to:

- Diagnostic Test Results/Reports
- Photos
- Outside Medical Records (Referring Physician Letters, Operative Notes, Hospital Discharge)
- Insurance Cards
- Laboratory Results
- Any additional document attached by the users of the system to the patient record.

Nextech Practice Management (Practice+) Documents and Tasks

EHI exports for Nextech EHR practices also using Nextech's Practice Management (powered by Practice+) solution will include documents and tasks that are shared between the PM and EHR system when these shared features are enabled for the practice. Shared Documents may be found in the Documents folder. Shared Tasks may be found in the Communications folder.