



Sightview™

# EHI EXPORT DATA DICTIONARY

MD OFFICE VERSION 13.0

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# EHI Export Data Dictionary

## Product Information

| General Information                   |   |
|---------------------------------------|---|
| Developer Name                        | Sightview Software, LLC                       |
| Product Name                          | MD Office                                     |
| Version Number(s)                     | 13.0  |
| Certified Health IT                   | ONC Certification Criteria for Health IT      |
| Product List CHPL ID                  | 15.04.04.3205.Mdof.13.03.1.241224             |
| Developer Real World Testing Page URL | <a href="#">ONC Certification   Sightview</a> |

## Revision History

The Revision History table below provides a record of all revisions made to this document throughout its life cycle. Updates are tracked by date the revisions were made, the version number, a brief description of the changes made and reason, as well as the name of the reviser and the approver.

| Effective Date | Version # | Change Description/Reason | Created/Revised By | Reviewed By | Approved By |
|----------------|-----------|---------------------------|--------------------|-------------|-------------|
| 4/03/2026      | 2.0       | Sightview Revision        | Holly Black        | Holly Black | Holly Black |
| 12/07/2023     | 1.1       | Release                   | Lora Woltz         | Lora Woltz  | Lora Woltz  |

## Notice

**A Note Regarding EHI Extractions:** Please note that those who use Health IT Module(s) certified to the “EHI export” criterion remain responsible for safeguarding the security and privacy of individuals’ electronic health information (EHI) consistent with applicable laws and regulations related to health information privacy and security, including the Health Information Technology for Economic and Clinical Health (HITECH) Act, Health Insurance Portability and Accountability Act (HIPAA) Privacy and Security Rules, 42 CFR part 2, and state laws. The existence of a technical capability to make EHI more accessible and usable by Health IT Module users does not alter or change any of their data protection responsibilities under applicable laws and regulations.

Furthermore, use of the software programs described herein, and this documentation, is subject to applicable license agreements and non-disclosure agreements. The document is the property of Sightview EHR Holdings, LLC (“Sightview”). Sightview reserves the right to update, change, improve, or modify the document without prior notice.

EHI Extraction Disclaimer, Indemnification, and Waiver. Pursuant to the Client's extraction request, Sightview will prepare and deliver Electronic Health Information Extract ("EHI Extract"). Sightview shall make every effort to preserve the security and confidentiality of all PHI and PII of the Client's files. Sightview shall transmit the Client's information over the internet. By utilizing the EHI Extract Tool, absent a compromise of our computer systems, if any confidentiality and / or security breach occurs because of data transmission over the internet pursuant to Client's request, and / or otherwise occur as a result of Client's handling either by their assigned new data vendor and / or by Client's designated repository, principals, agents, employees, staff, and / or assigns, Client agrees that this will not constitute a breach of any obligation of security and confidentiality by Sightview as delineated in the Business Associates Agreement ("BAA") by and between Client and Sightview.

Furthermore, Client will indemnify, defend, and hold Sightview and its affiliates, directors, officers, employees, agents, licensors, successors and assigns harmless from and against any and all third-party claims and losses resulting from or attributable to Client's EHI Extraction, including Client's misuse or other use of the data outside the scope of granted under the original Agreement and or BAA, including but not limited to: (a) Client's gross negligence or willful misconduct in performing any of its obligations under the original Agreement and / or BAA, or (b) a material breach by the Client of any of its representations, warranties, covenants or agreements under the original Agreement and / or BAA. Furthermore, an election to seek indemnification for a Claim arising from an alleged breach of the original Agreement and / or BAA will not preclude such Sightview from any other rights or remedies it may have at law or in equity for such alleged breach.

Notwithstanding anything herein to the contrary, Client's indemnification obligations hereunder shall not apply to claims resulting from Sightview's failure to comply with the terms of the BAA entered into between the parties.

## Introduction

This document describes how to extract and read patient(s) information included in the exported Electronic Health Information (EHI) .zip file generated using the EyeCare Leaders, LLC certified product.

The following conventions are used in this document.

- |        |  |
|--------|--|
| <name> | The text between the < > brackets is a place holder for the actual contents.   |
| .zip   | A compressed file that uses less disk space and must be extracted to view the contents within.                           |
| .csv   | Files with this extension use comma-separated values and are easily viewed in Excel or similar spreadsheet applications. |

EHR Specific Workflow Guides for EHI Export can be found via [ONC Certification | Sightview](#)

## Guide to your Electronic Health Information

The EHI exported data provided depends on the data maintained and stored within the application.

Data output and results are subject to the data that is stored at the time of the export and may vary according to search parameters selected by the internal user. A list of the possible data included in the exported file is described within this document. The data is provided in a compressed .zip file that must be extracted to view the contents. The name of the .zip file identifies if the contents are discrete data or unstructured data.

| <u>Extraction Type</u> | <u>.zip file name</u> |
|------------------------|-----------------------|
| Discrete data fields   | ehi_structured_file   |
| Documents and Images   | ehi_unstructured_file |

### Extract the .zip file data

Most current computer and phone operating systems (OS) can natively process compressed (.zip) files. If your OS does not have the extraction functionality, you can download an application such as WinZip to perform the operation.

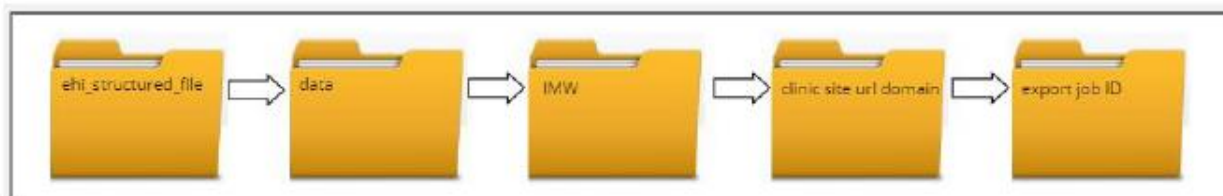
#### Windows

1. On your PC, go to the location containing the .zip file.
2. Right-click on the .zip file and then click Extract All.

### File Structure and Format

The defaulted folder where you extracted the .zip file data contains multiple subfolders. The export job folder contains a categorization of subfolders that contain the data .csv files. Every export request will be assigned a unique Job ID in consecutive numerical order. The Job ID will be the folder name.

\*every export request will be assigned a unique Job ID in consecutive numerical order. The Job ID will be the folder name.



<ehi\_structured\_file.zip > < data> <EHR\_name> <practice\_site\_identifier> <job\_ID>

Structured Data is grouped into folders named:

| Name                    | Type        |
|-------------------------|-------------|
| Administration          | File folder |
| Clinical                | File folder |
| Clinical-Notes          | File folder |
| Communications          | File folder |
| Diagnostic_Imaging      | File folder |
| Encounter               | File folder |
| Observations_and_Orders | File folder |
| Ophthalmic_Data         | File folder |

## Administration Folder

It gives the details of the organization/Location or facility/patient demographics:

|                          |   |
|--------------------------|---|
| Advanced_Directive       | Microsoft Excel Comma Separated Values File |
| Care_Team_Members        | Microsoft Excel Comma Separated Values File |
| Facility                 | Microsoft Excel Comma Separated Values File |
| Insurance_Data           | Microsoft Excel Comma Separated Values File |
| Organization             | Microsoft Excel Comma Separated Values File |
| patient_data             | Microsoft Excel Comma Separated Values File |
| patient_previous_details | Microsoft Excel Comma Separated Values File |
| Patient_Relation         | Microsoft Excel Comma Separated Values File |
| Prior_Authorizations     | Microsoft Excel Comma Separated Values File |
| Referrals                | Microsoft Excel Comma Separated Values File |
| Work_Information         | Microsoft Excel Comma Separated Values File |

| Folder Name Category     | Description                                 |
|--------------------------|---|
| Care_Team_Members        | Care Team Member Details                    |
| Facility                 | Practice Facility Information               |
| Insurance_Data           | Patient Insurance Information               |
| Organization             | Organization Details                        |
| Patient_data             | Patient Demographics                        |
| patient_previous_details | Patient previous name and address           |
| Patient_Relation         | Authorized Patient Relationship Information |
| Prior_Authorization      | Prior Authorization Information             |
| Referrals                | Referral by provider details                |
| Work Information         | Patient work information                    |
|                          |   |

## EHI export data specifications:

### Care Team Members

|                    |   |
|--------------------|---|
| <b>Description</b> | Care_Team_Members                           |
| <b>File name</b>   | Care_Team_Members.csv                       |
| <b>Column name</b> | <b>Comments</b>                             |
| PATIENT_ID         | This field contains the patient's unique ID |
| DATE_OF_SERVICE    | Date of Service                             |
| CARE_TEAM          | Name of Care Team Member                    |
| USER_TYPE          | Description of Care Team Member             |

### Facility

|                    |   |
|--------------------|---|
| <b>Description</b> | Facility                                    |
| <b>File name</b>   | Facility.csv                                |
| <b>Column name</b> | <b>Comments</b>                             |
| PATIENT_ID         | This field contains the patient's unique ID |
| Facility_name      | Name of the Practice                        |
| Street             | Practice Street address                     |
| Zip_code           | Practice ZIP code                           |
| City               | Practice City address                       |
| State              | Practice State address                      |
| Country            | Country of Practice                         |

### Health Insurance

|                           |  |
|---------------------------|--|
| <b>Description</b>        | Health Insurance                                 |
| <b>File name</b>          | HealthInsurance.csv                              |
| <b>Column name</b>        | <b>Comments</b>                                  |
| Insurance ID              | Identification Number of Insurance               |
| Insurance_type            | Type of Insurance, Medigap, Commercial, Medicare |
| Patient_ID                | This field contains the patient's unique ID      |
| Patient_First_Name        | Policy holder first name                         |
| Patient_Last_Name         | Policy holder last name                          |
| Insurance_Company_Name    | Name of Insurance Company                        |
| Insurance_Policy_Number   | Insurance Policy number                          |
| Insurance_Group_number    | Insurance Group number                           |
| Insurance_Plan_Name       | Insurance Plan name                              |
| Insurance_copay           | Copay amount of insurance                        |
| Insurance_Status          | Active/Inactive                                  |
| Insurance_Activation      | Effective date                                   |
| Insurance_Expiration_date | Expiration date                                  |



|                     |                               |
|---------------------|-------------------------------|
| Subscriber_Relation | Relationship to Policy Holder |
|---------------------|-------------------------------|

## Demographics

| Description            | Patient Demographics  |
|------------------------|---|
| File name              | patient_data.csv  |
| Column name            | Comments  |
| PATIENT_ID             | This field contains the patient's unique ID                 |
| Title                  | The patient's Title   |
| Patient_Status         | The patient's status like active or inactive                |
| First_name             | The patient's first name                                    |
| Middle_name            | The patient's middle name                                   |
| Last_name              | The patient's last name                                     |
| Suffix                 | The patient's suffix part of name like Jr, Sr, Dr etc.      |
| Sex                    | The patient's birth sex                                     |
| DOB                    | The patient's date of birth                                 |
| Social_Security_Number | The patient's SSN number                                    |
| Marital_Status         | The patient's marital status                                |
| Street1                | The street1 of patient's home address                       |
| Street2                | The street2 of patient's home address (PO Box, APT #, etc.) |
| Zip_code               | The zip code of patient's home address                      |
| City                   | The city of patient's home address                          |
| State                  | The state of patient's home address                         |
| Country                | The country of patient's home address                       |
| Home_Phone             | The patient's home phone number                             |
| Work_Phone             | The patient's work-place phone number                       |
| Mobile_Phone           | The patient's mobile number                                 |
| Email                  | The patient's email address                                 |
| Race                   | The patient's primary race                                  |
| Language               | The patient's language                                      |
| Ethnicity              | The patient's ethnicity                                     |

## Patient Previous Details

|                    |  |
|--------------------|--|
| <b>Description</b> | Patient Previous Demographics  |
| <b>File name</b>   | PreviousDetails.csv  |
| <b>Column name</b> | <b>Comments</b>  |
| PATIENT_ID         | This field contains the patient's unique ID                          |
| First_name         | The patient's previous first name                                    |
| Middle_name        | The patient's previous middle name                                   |
| Last_name          | The patient's previous last name                                     |
| Name_from_date     | Beginning date for previous name use                                 |
| Name_to_date       | Ending date for previous name use                                    |
| Street1            | The street1 of patient's previous home address                       |
| Street2            | The street2 of patient's previous home address (PO Box, APT #, etc.) |
| Zip_code           | The zip code of patient's previous home address                      |
| City               | The city of patient's previous home address                          |
| State              | The state of patient's previous home address                         |
| Country            | The country of patient's previous home address                       |
| Address_from_date  | Beginning date for previous address                                  |
| Address_to_date    | Ending date for previous address                                     |

## Authorizations

|                     |   |
|---------------------|---|
| <b>Description</b>  | Prior Authorizations                        |
| <b>File name</b>    | Authorizations.csv                          |
| <b>Column name</b>  | <b>Comments</b>                             |
| patient_id          | This field contains the patient's unique ID |
| Auth_Insurance_Type | Medigap/Medicare/Commercial                 |
| Auth_required       | Yes/No                                      |
| Auth_name           | Name of Insurance                           |
| Auth_Amount         | Amount Authorized by the Insurance          |
| auth_CPT_code       | CPT Code of Authorization                   |
| Auth_date           | The date when Authorization given           |
| Auth_Comments       | Comments added for Authorization            |
| auth_prov           | Physician/Provider                          |
| Auth_Status         | Active/Inactive                             |

## Referrals

|                         |  |
|-------------------------|--|
| <b>Description</b>      | Referrals  |
| <b>File name</b>        | Referrals.csv  |
| <b>Column name</b>      | <b>Comments</b>  |
| Patient_ID              | This field contains the patient's unique ID                        |
| Referral_required       | Yes/No   |
| referral_no             | Referral Number for reference                                      |
| Referral_provider       | Name of the referring provider                                     |
| Referral_notes          | The detailed description to the notes for the referral by provider |
| Referral_date           | The date the referral is created                                   |
| Referral_Effective_date | The date referral is applicable                                    |
| Referral_end_date       | The date referral ends   |

## Work Information

|                    |  |
|--------------------|--|
| <b>Description</b> | Patient Work Place Information                                   |
| <b>File name</b>   | Work_Information.csv   |
| <b>Column name</b> | <b>Comments</b>  |
| Patient_id         | This field contains the patient's unique ID                      |
| Patient_Occupation | The patient's occupation details                                 |
| Employer_Name      | The patient's employer name                                      |
| Street1            | The street 1 of patient's employer address                       |
| Street2            | The street 2 of patient's employer address (PO Box, APT #, etc.) |
| Zip_code           | The zip code of patient's employer address                       |
| City               | The city of patient's employer address                           |
| State              | The state of patient's employer address                          |
| Country            | The country of patient's employer address                        |

## Clinical Folder:

It gives the details of the clinical health and conditions of the Patient

| <b>Folder Name Category</b> | <b>Description</b>  |
|-----------------------------|---|
| Allergies                   | Patient allergies to medicine, ingredients, and/or allergens              |
| FamilyHealthHistory         | Family health history   |
| FunctionalAssessment        | Assessment based on patient condition                                     |
| Goal                        | Patient Goals   |
| HealthConcern               | Health Problems   |
| Immunization                | Vaccines administered   |
| ImplantableDevice           | Unique Device Identification (UDI) ID to capture the data through device. |

|               |  |
|---------------|--|
| Medication    | Patient active, inactive, or stopped medications |
| problem       | Problems/complaints                              |
| procedures    | Operations/injections/laser treatments           |
| Smokingstatus | Patient current smoking status information       |
| Substanceuse  | Documentation of substance use                   |
| Vitals        | Patient blood pressure/height/weight/BMI         |

## EHI export data specifications:

### Allergy

|                      |  |
|----------------------|--|
| <b>Description</b>   | Allergies  |
| <b>File name</b>     | Allergy.csv  |
| <b>Column name</b>   | <b>Comments</b>  |
| Patient_ID           | This field contains the patient's unique ID                  |
| Allergy_Name         | This field contains the Allergy Name                         |
| Allergy_Type         | This field contains the Allergy Type                         |
| Allergy_Severity     | This field contains the Allergy Severity                     |
| Allergy_Status       | This field contains the Allergy Status                       |
| Drug_Class           | This field contains the Allergy Drug Class                   |
| Rx_Norm_Code         | This field contains the RX Norm Code if Allergy type is drug |
| Allergy_Begin_Date   | This field contains the Allergy's begin date                 |
| Allergy_Comments     | This field contains the Comments related to Allergy          |
| No_Unknown_Allergies | This field contains Yes if No Known Allergy                  |

### Family Health History

|                     |   |
|---------------------|---|
| <b>Description</b>  | Family Health History   |
| <b>File name</b>    | FamilyHealthHistory.csv   |
| <b>Column name</b>  | <b>Comments</b>   |
| PATIENT_ID          | This field contains the patient's unique ID                             |
| DATE                | Date on which the record entered for the family history                 |
| HIGH_BLOOD_PRESSURE | Contains Yes/No if patient's family member having High BP history       |
| RELATION            | Relation of family member   |
| COMMENTS            | Comment related to family member High BP history                        |
| HEART_PROBLEM       | Contains Yes/No if patient's family member having Heart Problem history |
| RELATION            | Relation of family member   |

|                                   |   |
|-----------------------------------|---|
| COMMENTS                          | Comment related to family member Heart Problem history                          |
| RA                                | Sub Arthritis RA Yes/No   |
| OA                                | Sub Arthritis OA Yes/No   |
| Relation                          | Relation of family member   |
| Comments                          | Comment related to family member Arthritis problem history                      |
| Lung_Problems                     | Contains Yes/No if patient's family member has Lung Problem history             |
| Relation                          | Relation of family member   |
| Comments                          | Comment related to family member Lung problem history                           |
| Stroke                            | Contains Yes/No if patient' family member has history of stroke                 |
| Relation                          | Relation of family member   |
| Comments                          | Comment related to family member stroke problem history                         |
| Thyroid-Problems                  | Contains Yes/No if patient' family member has history of thyroid problems       |
| Relation                          | Relation of family member   |
| Comments                          | Comment related to family member thyroid problem history                        |
| Diabetes                          | Contains Yes/No if patient' family member has history of diabetes               |
| Diabetes_Type                     | Diabetes type   |
| Relation                          | Relation of family member   |
| Comments                          | Comment related to family member diabetes problem history                       |
| Ulcer                             | Contains Yes/No if patient' family member has history of ulcers                 |
| Relation                          | Relation of family member   |
| Comments                          | Comment related to family member ulcer problem history                          |
| Cancer                            | Contains Yes/No if patient' family member has history of cancer                 |
| Relation                          | Relation of family member   |
| Comments                          | Comment related to family member cancer problem history                         |
| Other                             | Contains Yes/No if patient' family member has history of other medical problems |
| Relation                          | Relation of family member   |
| Comments                          | Comment related to family member other problem history                          |
| NO_KNOWN_FAMILY_MEDICAL_CONDITION | Contains Yes if no known medical history condition                              |

## Functional Assessment

|                       |   |
|-----------------------|---|
| <b>Description</b>    | FunctionalAssessment                          |
| <b>File name</b>      | FunctionalAssessment.csv                      |
| <b>Column name</b>    | <b>Comments</b>                               |
| Patient_ID            | This field contains the patient's unique ID   |
| Date                  | Date of the functional status                 |
| Fall Risk Assessments | Yes, if fall risk assessments for the patient |
| Assessment_Type       | Description of the fall risk assessment type  |

## Goal

|                    |   |
|--------------------|---|
| <b>Description</b> | Goals                                       |
| <b>File name</b>   | Goal.csv                                    |
| <b>Column name</b> | <b>Comments</b>                             |
| PATIENT_ID         | This field contains the patient's unique ID |
| GOALS              | Description of the Goal                     |
| VALUE              | Area targeted by Goal                       |
| CODE (LOINC)       | Code (LOINC) for the goal of patient        |
| UNIT               | Unit  |
| OPERATOR           | Operator ID who entered the record          |
| DATE               | Date on which the goal captured             |

## Health Concerns

|                     |  |
|---------------------|--|
| <b>Description</b>  | Health_Concern   |
| <b>File name</b>    | Health_Concern.csv                                       |
| <b>Column name</b>  | <b>Comments</b>  |
| PATIENT_ID          | This field contains the patient's unique ID              |
| Date                | Date on which the health concern captured                |
| Concern             | Concern description                                      |
| Observation         | Description of the Observation related to health concern |
| Code                | SnoMed Code for the health concern                       |
| Status              | Observation status of the health concern                 |
| Date                | Date on which the health concern captured                |
| Refusal_reason      | Description of the refusal reason                        |
| refusal_code        | SnoMed Code for the Refusal                              |
| status              | Status of the related concern                            |
| Related_Observation | Description of the Related observation                   |
| Code                | Code of the related observation                          |
| Date                | Date of the related observation                          |

## Immunization

|                     |   |
|---------------------|---|
| <b>Description</b>  | Immunization  |
| <b>File name</b>    | Immunization.csv  |
| <b>Column name</b>  | <b>Comments</b>   |
| PATIENT_Id          | This field contains the patient's unique ID                   |
| Immunization_Name   | This field contains the immunization name                     |
| Immunization_Code   | This field contains the immunization code                     |
| Administration_Date | This field contains the administration date of vaccine        |
| Status              | This field contains status of immunization i.e. Declined      |
| Administered_By     | This field contains physician name                            |
| Notes               | This field contains notes related to the immunization         |
| Immunization_Route  | This field contains the immunization route                    |
| Refusal_Code        | This field contains reason if immunization is refused         |
| NO_Immunizations    | This field contains Yes if no immunizations were administered |

## Implantable Device

|                     |  |
|---------------------|--|
| <b>Description</b>  | Implantable_Device   |
| <b>File name</b>    | Implantable_Device.CSV                                     |
| <b>Column name</b>  | <b>Comments</b>  |
| PATIENT_ID          | This field contains the patient's unique ID                |
| UDI_NUMBER          | This field contains the UDI number for Device              |
| IMPLANT_DATE        | This field contains the device implant date                |
| Device_STATUS       | This field contains the device implant status              |
| Device_SNOMED_CODE  | SnoMed code for the implantable device                     |
| Provider            | Name of the physician                                      |
| Device Details      | Lot or batch number within which a device was manufactured |
| ASSIGNING_AUTHORITY | This field contains the assigning authority for device     |

## Medications

| Description          | Medications   |
|----------------------|---|
| File name            | Medications.CSV   |
| Column name          | Comments  |
| PATIENT_ID           | This field contains the patient's unique ID                                     |
| Medication_Date      | Date stamp  |
| MEDICATION           | This field contains the medication name   |
| DOSAGE               | This field contains the medication dosage                                       |
| MEDICATION_TYPE      | This field contains the medication type (Ocular OR Systemic)                    |
| Take                 | Numeric value of amount to be consumed  |
| Form                 | Description of source i.e. ointment, mg, Aerosol, vial                          |
| Route                | Description of how to take medication i.e. by mouth, as directed, into left eye |
| SIG                  | Description of frequency  |
| Direction            | Additional instruction  |
| Location             | Location description i.e., OD, OS   |
| Dispense             | Quantity to dispense numeric  |
| Refills              | Number of Refills   |
| Action               | Start, Continue, Discontinue  |
| Status               | This field contains the medication status                                       |
| Date of Discontinued | Date Medication was stopped   |
| COMPLAINT            | This field contains the medication Complaint (Yes/No)                           |

## Problems

| Description                 | Problems  |
|-----------------------------|---|
| File name                   | Problem.csv   |
| Column name                 | Comments  |
| PATIENT_ID                  | This field contains the patient's unique ID                 |
| PROBLEM_NAME                | Description of the patient's Problem OR Name of the problem |
| Problem_Type                | Problem type  |
| ONSET_Date                  | Onset date for the problem                                  |
| ICD10_CODE                  | Icd10 code for the patient's problem                        |
| STATUS                      | Status of the captured problem Inactive, Active, Resolved   |
| SNOMED_CODE                 | SnoMed code for the patient's problem                       |
| "Date_of_Inactive_Resolved" | Date stamp for Inactive/Resolved status                     |



## Procedures

|                       |  |
|-----------------------|--|
| <b>Description</b>    | Procedures                                       |
| <b>File name</b>      | Procedures.CSV                                   |
| <b>Column name</b>    | <b>Comments</b>                                  |
| Patient_ID            | This field contains the patient's unique ID      |
| Procedure_Name        | This field contains the procedure name           |
| Procedure_Beg_Date    | This field contains the procedure date           |
| Procedure_Status      | This field contains the procedure status         |
| Procedure_Snomed_Code | This field contains the procedure SNOMED CODE    |
| Physician             | This field contains the procedure physician name |
| Comments              | This field contains the procedure comments       |

## Smoking Status

|                      |   |
|----------------------|---|
| <b>Description</b>   | Smoking Status                                      |
| <b>File name</b>     | Smokingstatus.csv                                   |
| <b>Column name</b>   | <b>Comments</b>                                     |
| PATIENT_ID           | This field contains the patient's unique ID         |
| SMOKING_STATUS       | Smoking status I.e nonsmoker                        |
| SnomedCode           | SnoMed code for the smoking status                  |
| START_DATE           | Start date for the smoking                          |
| END_DATE             | End date for the smoking                            |
| PERIOD               | How long the patient has smoked (days/months/Years) |
| CESSATION_COUNSELING | Cessation counseling done for the patient Yes/No?   |
| COUNSELING_DATE      | Cessation Counseling date                           |

## Substance Use

|                     |   |
|---------------------|---|
| <b>Description</b>  | Substance Use                                   |
| <b>File name</b>    | Substance_Use.csv                               |
| <b>Column name</b>  | <b>Comments</b>                                 |
| PATIENT_ID          | This field contains the patient's unique ID     |
| Date                | Date on which the record was captured           |
| Source_Of_Alcohol   | Source of alcohol                               |
| Alcohol_Consumption | Alcohol consumption frequency                   |
| Alcohol_Time        | Alcohol consumption time                        |
| Use_Drugs           | Yes, if drugs substance is used by the patient  |
| List_Of_Drugs       | List of the drug substances used by the patient |

## Vitals

|                    |   |
|--------------------|---|
| <b>Description</b> | Vitals  |
| <b>File name</b>   | Vitals.csv                                      |
| <b>Column name</b> | <b>Comments</b>                                 |
| Patient_ID         | This field contains the patient's unique ID     |
| Date               | Date on which the vital sign record captured    |
| Systolic           | Systolic Pressure recorded for the patient      |
| Distolic           | Diastolic Pressure recorded for the patient     |
| Pulse              | Pulse recorded for the patient                  |
| Resp               | Resp Rate recorded for the patient              |
| O2Sat              | Oxygen saturation for the patient               |
| Temp               | Temp of the patient                             |
| Comments           | Text comments                                   |
| Height             | Height of the patient in cm                     |
| Weight             | Weight of the patient in kg                     |
| BMI                | Body Mass Index of the patient kg/m2            |
| Pain               | Pain reported by the patient                    |
| Inhle_O2           | Inhaled oxygen level for the patient            |
| BMIP               | Body Mass Index Percentile                      |
| WLP                | Weight For Length Percentile                    |
| HCP                | Head Occipital-Frontal Circumference Percentile |

## Clinical Notes:

It gives the details of the Progress and Providers Notes

| <b>Folder Name Category</b> | <b>Description</b>   |
|-----------------------------|--|
| Progress Notes              | Physician comments related to the progress of the patient conditions and/or treatments |

## EHI export data specifications:

### Progress Notes

|                    |  |
|--------------------|--|
| <b>Description</b> | Progress Notes                               |
| <b>File name</b>   | Progress_Notes.csv                           |
| <b>Column name</b> | <b>Comments</b>                              |
| Patient_ID         | This field contains the patient's unique ID  |
| Date_of_service    | Date on which the progress note is entered   |
| Physician          | Name of Physician entering the progress note |
| Progress_notes     | Note text                                    |

## Diagnostic Imaging:

Describes the File Pathways for Diagnostic Imaging Orders

| Folder Name Category | Description   |
|----------------------|---|
| Ascan                | A-Scan Biometry   |
| Bscan                | B-Scan Biometry   |
| External             | Images related to the external and anterior segment evaluation of the eye         |
| Fundus               | Fundus images   |
| GDX                  | Scanning later polarimeter test findings  |
| Gonio                | Gonioscopy exam findings  |
| HRT                  | Heidelberg Retinal Tomography images  |
| IOL-Master           | IOL measurement images  |
| IVFA                 | Fluorescein Angiography images  |
| MRI                  | Magnetic Resonance Imaging  |
| OCT_Nerve            | Optical Coherence Tomography images of the optic nerve                            |
| OCT_Retina           | Optical Coherence Tomography images of the retina with retinal nerve fiber layers |
| Pachy                | Corneal pachymetry images   |
| Topography           | Corneal topography images   |
| VF                   | Humphrey Visual Field findings  |

## EHI export data specifications:

### Ascan

|                    |   |
|--------------------|---|
| <b>Description</b> | A-Scan Biometry File Pathway                |
| <b>File name</b>   | Ascan.csv                                   |
| <b>Column name</b> | <b>Comments</b>                             |
| PATIENT_ID         | This field contains the patient's unique ID |
| Test_Name          | Name of Test                                |
| Exam_Date          | Date of Exam                                |
| Performed_By       | Test Performed By Name                      |
| Interpreted_By     | Test Interpreted By Name                    |
| Order_By           | Test Ordered By Name                        |
| Order_Date         | Test Order Date                             |
| File_Name          | Test File Name                              |
| File_Path          | Pathway of test imaging files               |
| File_Type          | Type of file I.e .jpeg, png                 |
| File_From          | Sending information                         |
| File_Upload_Date   | Date File is uploaded                       |

## Bscan

|                    |   |
|--------------------|---|
| <b>Description</b> | B-Scan File Pathway                         |
| <b>File name</b>   | scan.csv                                    |
| <b>Column name</b> | <b>Comments</b>                             |
| Patient_ID         | This field contains the patient's unique ID |
| Test_Name          | Name of Test                                |
| Exam_Date          | Date of Exam                                |
| Performed_By       | Test Performed By Name                      |
| Interpreted_By     | Test Interpreted By Name                    |
| Order_By           | Test Ordered By Name                        |
| Order_Date         | Test Order Date                             |
| File_Name          | Test File Name                              |
| File_Path          | Pathway of test imaging files               |
| File_Type          | Type of file i.e. .jpeg, .png               |
| File_From          | Sending information                         |
| File_Upload_Date   | Date File is uploaded                       |

## External Anterior

|                    |   |
|--------------------|---|
| <b>Description</b> | External_Anterior                           |
| <b>File name</b>   | External_Anterior.csv                       |
| <b>Column name</b> | <b>Comments</b>                             |
| Patient_ID         | This field contains the patient's unique ID |
| Test_Name          | Name of Test                                |
| Exam_Date          | Date of Exam                                |
| Performed_By       | Test Performed By Name                      |
| Interpreted_By     | Test Interpreted By Name                    |
| Order_By           | Test Ordered By Name                        |
| Order_Date         | Test Order Date                             |
| File_Name          | Test File Name                              |
| File_Path          | Pathway of test imaging files               |
| File_Type          | Type of file i.e. .jpeg, png                |
| File_From          | Sending information                         |
| File_Upload_Date   | Date File is uploaded                       |

## Fundus

|                    |   |
|--------------------|---|
| <b>Description</b> | Fundus                                      |
| <b>File name</b>   | Fundus.csv                                  |
| <b>Column name</b> | <b>Comments</b>                             |
| Patient_ID         | This field contains the patient's unique ID |
| Test_Name          | Name of Test                                |
| Exam_Date          | Date of Exam                                |
| Performed_By       | Test Performed By Name                      |
| Interpreted_By     | Test Interpreted By Name                    |
| Order_By           | Test Ordered By Name                        |
| Order_Date         | Test Order Date                             |
| File_Name          | Test File Name                              |
| File_Path          | Pathway of test imaging files               |
| File_Type          | Type of file i.e. .jpeg, png                |
| File_From          | Sending information                         |
| File_Upload_Date   | Date File is uploaded                       |

## GDX

|                    |   |
|--------------------|---|
| <b>Description</b> | GDX   |
| <b>File name</b>   | GDX.csv                                     |
| <b>Column name</b> | <b>Comments</b>                             |
| Patient_ID         | This field contains the patient's unique ID |
| Test_Name          | Name of Test                                |
| Exam_Date          | Date of Exam                                |
| Performed_By       | Test Performed By Name                      |
| Interpreted_By     | Test Interpreted By Name                    |
| Order_By           | Test Ordered By Name                        |
| Order_Date         | Test Order Date                             |
| File_Name          | Test File Name                              |
| File_Path          | Pathway of test imaging files               |
| File_Type          | Type of file i.e. .jpeg, png                |
| File_From          | Sending information                         |
| File_Upload_Date   | Date File is uploaded                       |

## Gonio

|                    |   |
|--------------------|---|
| <b>Description</b> | Gonio                                       |
| <b>File name</b>   | Gonio.csv                                   |
| <b>Column name</b> | <b>Comments</b>                             |
| Patient_ID         | This field contains the patient's unique ID |
| Test_Name          | Name of Test                                |
| Exam_Date          | Date of Exam                                |
| Performed_By       | Test Performed By Name                      |
| Interpreted_By     | Test Interpreted By Name                    |
| Order_By           | Test Ordered By Name                        |
| Order_Date         | Test Order Date                             |
| File_Name          | Test File Name                              |
| File_Path          | Pathway of test imaging files               |
| File_Type          | Type of file i.e. .jpeg, .png               |
| File_From          | Sending information                         |
| File_Upload_Date   | Date File is uploaded                       |

## HRT

|                    |   |
|--------------------|---|
| <b>Description</b> | HRT   |
| <b>File name</b>   | HRT.csv                                     |
| <b>Column name</b> | <b>Comments</b>                             |
| Patient_ID         | This field contains the patient's unique ID |
| Test_Name          | Name of Test                                |
| Exam_Date          | Date of Exam                                |
| Performed_By       | Test Performed By Name                      |
| Interpreted_By     | Test Interpreted By Name                    |
| Order_By           | Test Ordered By Name                        |
| Order_Date         | Test Order Date                             |
| File_Name          | Test File Name                              |
| File_Path          | Pathway of test imaging files               |
| File_Type          | Type of file i.e. .jpeg, .png               |
| File_From          | Sending information                         |
| File_Upload_Date   | Date File is uploaded                       |

## IOL-Master

|                    |   |
|--------------------|---|
| <b>Description</b> | IOL Master                                  |
| <b>File name</b>   | IOL_Master.csv                              |
| <b>Column name</b> | <b>Comments</b>                             |
| Patient_ID         | This field contains the patient's unique ID |
| Test_Name          | Name of Test                                |
| Exam_Date          | Date of Exam                                |
| Performed_By       | Test Performed By Name                      |
| Interpreted_By     | Test Interpreted By Name                    |
| Order_By           | Test Ordered By Name                        |
| Order_Date         | Test Order Date                             |
| File_Name          | Test File Name                              |
| File_Path          | Pathway of test imaging files               |
| File_Type          | Type of file i.e. .jpeg, .png               |
| File_From          | Sending information                         |
| File_Upload_Date   | Date File is uploaded                       |

## MRI

|                    |   |
|--------------------|---|
| <b>Description</b> | Magnetic Resonance Imaging                  |
| <b>File name</b>   | MRI.csv                                     |
| <b>Column name</b> | <b>Comments</b>                             |
| Patient_ID         | This field contains the patient's unique ID |
| Test_Name          | Name of Test                                |
| Exam_Date          | Date of Exam                                |
| Performed_By       | Test Performed By Name                      |
| Interpreted_By     | Test Interpreted By Name                    |
| Order_By           | Test Ordered By Name                        |
| Order_Date         | Test Order Date                             |
| File_Name          | Test File Name                              |
| File_Path          | Pathway of test imaging files               |
| File_Type          | Type of file i.e. .jpeg, .png               |
| File_From          | Sending information                         |
| File_Upload_Date   | Date File is uploaded                       |

## OCT Nerve

|                    |   |
|--------------------|---|
| <b>Description</b> | OCT Optic Nerve                             |
| <b>File name</b>   | OCT_Nerve.csv                               |
| <b>Column name</b> | <b>Comments</b>                             |
| Patient_ID         | This field contains the patient's unique ID |
| Test_Name          | Name of Test                                |
| Exam_Date          | Date of Exam                                |
| Performed_By       | Test Performed By Name                      |
| Interpreted_By     | Test Interpreted By Name                    |
| Order_By           | Test Ordered By Name                        |
| Order_Date         | Test Order Date                             |
| File_Name          | Test File Name                              |
| File_Path          | Pathway of test imaging files               |
| File_Type          | Type of file i.e. .jpeg, .png               |
| File_From          | Sending information                         |
| File_Upload_Date   | Date File is uploaded                       |

## OCT Retina

|                    |   |
|--------------------|---|
| <b>Description</b> | OCT Optic Retina                            |
| <b>File name</b>   | OCT_Retina.csv                              |
| <b>Column name</b> | <b>Comments</b>                             |
| Patient_ID         | This field contains the patient's unique ID |
| Test_Name          | Name of Test                                |
| Exam_Date          | Date of Exam                                |
| Performed_By       | Test Performed By Name                      |
| Interpreted_By     | Test Interpreted By Name                    |
| Order_By           | Test Ordered By Name                        |
| Order_Date         | Test Order Date                             |
| File_Name          | Test File Name                              |
| File_Path          | Pathway of test imaging files               |
| File_Type          | Type of file i.e. .jpeg, .png               |
| File_From          | Sending information                         |
| File_Upload_Date   | Date File is uploaded                       |



## Pachy

|                    |   |
|--------------------|---|
| <b>Description</b> | Corneal Pachymetry                          |
| <b>File name</b>   | Pachy.csv                                   |
| <b>Column name</b> | <b>Comments</b>                             |
| Patient_ID         | This field contains the patient's unique ID |
| Test_Name          | Name of Test                                |
| Exam_Date          | Date of Exam                                |
| Performed_By       | Test Performed By Name                      |
| Interpreted_By     | Test Interpreted By Name                    |
| Order_By           | Test Ordered By Name                        |
| Order_Date         | Test Order Date                             |
| File_Name          | Test File Name                              |
| File_Path          | Pathway of test imaging files               |
| File_Type          | Type of file i.e. .jpeg, .png               |
| File_From          | Sending information                         |
| File_Upload_Date   | Date File is uploaded                       |

## Topography

|                    |   |
|--------------------|---|
| <b>Description</b> | Corneal Topography images                   |
| <b>File name</b>   | Topography.csv                              |
| <b>Column name</b> | <b>Comments</b>                             |
| Patient_ID         | This field contains the patient's unique ID |
| Test_Name          | Name of Test                                |
| Exam_Date          | Date of Exam                                |
| Performed_By       | Test Performed By Name                      |
| Interpreted_By     | Test Interpreted By Name                    |
| Order_By           | Test Ordered By Name                        |
| Order_Date         | Test Order Date                             |
| File_Name          | Test File Name                              |
| File_Path          | Pathway of test imaging files               |
| File_Type          | Type of file i.e. .jpeg, .png               |
| File_From          | Sending information                         |
| File_Upload_Date   | Date File is uploaded                       |

VF

|                    |   |
|--------------------|---|
| <b>Description</b> | Visual Field images                         |
| <b>File name</b>   | VF.csv                                      |
| <b>Column name</b> | <b>Comments</b>                             |
| Patient_ID         | This field contains the patient's unique ID |
| Test_Name          | Name of Test                                |
| Exam_Date          | Date of Exam                                |
| Performed_By       | Test Performed By Name                      |
| Interpreted_By     | Test Interpreted By Name                    |
| Order_By           | Test Ordered By Name                        |
| Order_Date         | Test Order Date                             |
| File_Name          | Test File Name                              |
| File_Path          | Pathway of test imaging files               |
| File_Type          | Type of file i.e. .jpeg, .png               |
| File_From          | Sending information                         |
| File_Upload_Date   | Date File is uploaded                       |

Encounters:

Gives Patient Exam/chart information, Education Material/patient instruction documents, Consents, Assessments & Plan.

| <b>Folder Name Category</b> | <b>Description</b>   |
|-----------------------------|--|
| Encounters                  | Clinical encounter dates of service with ICD-10 and CPT codes  |
| Assessment & Plan           | Encounter assessment and plans for each date of service        |
| Patient Education           | Patient instruction provided during encounter (file name only) |

EHI export data specifications:

Assessment\_Treatment\_Of\_Plan

|                    |   |
|--------------------|---|
| <b>Description</b> | Assessment of Condition and Plan of Treatment               |
| <b>File name</b>   | Assessment_Treatment_Of_Plan.csv                            |
| <b>Column name</b> | <b>Comments</b>   |
| Patient_ID         | This field contains the patient's unique ID                 |
| Date               | This field contains the Date of Service (Chart Create Date) |
| Assessment         | Assessment of condition documented within encounter         |
| Plan of Treatment  | Plan of treatment documented within encounter               |

## Encounter

|                     |   |
|---------------------|---|
| <b>Description</b>  | Encounter CPT Code  |
| <b>File name</b>    | Encounter.CSV   |
| <b>Column name</b>  | <b>Comments</b>   |
| Patient_ID          | This field contains the patient's unique ID                 |
| Date_of_Service     | This field contains the Date of Service (Chart Create Date) |
| ICD10_Code          | Diagnosis Code for Encounter                                |
| CPT_Code            | Procedure Code for Encounter                                |
| Encounter_Diagnosis | Description of Diagnosis                                    |
| Physician           | Physician Name  |
| Facility_Name       | Name of Facility where encounter takes place                |
| Facility_Street     | Facility address  |
| Facility_Zipcode    | Facility zip code   |
| Facility_State      | Facility state  |
| Facility_Country    | Facility country  |

## Education

|                      |   |
|----------------------|---|
| <b>Description</b>   | Patient Education/ Instruction Documents                            |
| <b>File name</b>     | Education.CSV   |
| <b>Column name</b>   | <b>Comments</b>   |
| PATIENT_ID           | This field contains the patient's unique ID                         |
| INSTRUCTION_DOC_DATE | The date on which the instruction document is issued to the patient |
| INSTRUCTION_DOC_NAME | This field contains the instruction document name                   |

## Consent

|                    |   |
|--------------------|---|
| <b>Description</b> | Patient Education/ Instruction Documents                        |
| <b>File name</b>   | Education.CSV   |
| <b>Column name</b> | <b>Comments</b>   |
| PATIENT_ID         | This field contains the patient's unique ID                     |
| Consent_Form_Date  | The date on which the Consent document is issued to the patient |
| Consent_Form_Name  | Name of Consent Form  |

## Observations and Orders

Gives Follow Up, Imaging, Lab Radiology and Specimen Orders, Lab tests and results

| Folder Name Category                  | Description                           |
|---------------------------------------|---------------------------------------|
| Imaging_Order                         | Imaging order details                 |
| Lab_Order                             | Laboratory order details              |
| Lab_test_and_resultsPatient Education | Lab tests ordered and results details |

### Imaging\_Order

|                      |                               |
|----------------------|-------------------------------|
| <b>Description</b>   | Imaging_Order                 |
| <b>File name</b>     | Imaging_Order.csv             |
| <b>Column name</b>   | <b>Comments</b>               |
| PATIENT_ID           | Patient Identification Number |
| TEST_NAME            | Test name                     |
| Loinc_code           | Loinc code                    |
| IMAGING_SNOEMED_CODE | SnoMed Code                   |
| Resp_person          | Responsible Person            |
| site                 | Imaging site information      |
| IMAGING_INSTRUCTION  | Instructions Text             |

### Lab\_Order

|                    |   |
|--------------------|---|
| <b>Description</b> | LabOrder                                    |
| <b>File name</b>   | LabOrder.csv                                |
| <b>Column name</b> | <b>Comments</b>                             |
| Patient_ID         | This field contains the patient's unique ID |
| Test_Name          | Test name                                   |
| Test_Loinc         | Test loinc                                  |
| Order_Date_Time    | Order date time                             |
| Order_By           | Order by                                    |
| Comments           | Comments                                    |
| Specimen_Type      | Specimen type                               |
| Specimen_Date      | Specimen date                               |
| Test_Result        | Result Unit of Measurement                  |
| Comments           | Test Result Comment                         |
| Result_Loinc       | Result LOINC Code                           |
| Result_Range       | Result range                                |
| Status             | status                                      |
| Result_Date        | Result date time stamp                      |

## Lab Result

|                    |   |
|--------------------|---|
| <b>Description</b> | Lab Results                                 |
| <b>File name</b>   | LabResult.csv                               |
| <b>Column name</b> | <b>Comments</b>                             |
| PATIENT_ID         | This field contains the patient's unique ID |
| Test_Name          | Test name                                   |
| Test_loinc         | Test Loinc                                  |
| Test_date          | Test date                                   |
| Test_Result        | Test Result text                            |
| Comments           | Text Field                                  |
| Result_Loinc       | Result LOINC code                           |
| Result_UOM         | Result Unit of Measurement                  |
| Result_Range       | Result Range                                |
| Status             | Result status                               |
| Abnormal_flag      | Abnormal Results Flag                       |
| Result_Date        | Result date time stamp                      |

## Ophthalmic Data

Provides Ophthalmic Exam Data

| <b>Folder Name Category</b> | <b>Description</b>  |
|-----------------------------|---|
| AR                          | Autorefractor values through AR operator  |
| Contact_lens                | Contact Lens exam findings  |
| CurrentGlass                | Current glasses prescription  |
| Cycloplegic                 | Dilated Retinoscopy   |
| Glasses_Prescription        | Manifest refraction prescription given  |
| IOP                         | Intraocular Pressure values added for the patient exam  |
| REFRACTION                  | Subjective measure of power for glasses and contacts provided in Sphere, Cylinder, Axis and Prism |
| RETINOSCOPY                 | Objective measure of the refractive error results given in Sphere, Cylinder, Axis                 |
| Vision_Distance_Near-Acuity | Visual Acuity results for distance and near vision  |

## EHI export data specifications:

### AR

| Description         | Autorefractor values through AR operator                       |  |
|---------------------|--|--|
| File name           | AR.csv   |  |
| Column name         | Comments   |  |
| PATIENT_ID          | This field contains the patient's unique ID.                   |  |
| DATE_OF_SERVICE     | This field contains patient's date of service.                 |  |
| AR_PROVIDER         | This field contains physician name who created patient's exam. |  |
| EXAM_DATE           | This field contains patient's Exam date.                       |  |
| AR_SPHERE_OD        | This field contains patient's AR sphere OD.                    |  |
| AR_CYLINDER_OD      | This field contains patient's AR cylinder OD.                  |  |
| AR_AXIS_OD          | This field contains patient's AR axis OD.                      |  |
| AR_SPHERE_OS        | This field contains patient's AR sphere OS.                    |  |
| AR_CYLINDER_OS      | This field contains patient's AR cylinder OS.                  |  |
| AR_AXIS_OS          | This field contains patient's AR axis OS.                      |  |
| AR_HIGH_LOW_MED     | This field contains patient's AR high/low/med.                 |  |
| AR_REFRACTION_PLACE | This field contains patient's AR refraction place.             |  |
| AR_DESCRIPTION      | This field contains patient's AR description.                  |  |

### Contact\_Lens

| Description          | Contact_Lens Exam  |  |
|----------------------|--|--|
| File name            | Contact_Lens.csv   |  |
| Column name          | Comments   |  |
| PATIENT_ID           | This field contains the patient's unique ID.                   |  |
| DATE_OF_SERVICE      | This field contains patient's date of service.                 |  |
| CREATED_BY_PHYSICIAN | This field contains physician name who created patient's exam. |  |
| clws_type            | This field contains patient's contact lens visit type.         |  |
| ScITypeOD            | This field contains patient's lens type for OD.                |  |
| ScITypeOS            | This field contains patient's lens type for OS.                |  |
| ScIDvaOD             | This field contains patient's contact lens OD series.          |  |
| ScIDvaOS             | This field contains patient's contact lens OS series.          |  |
| ScIBcurveOD          | This field contains patient's contact lens OD base curve.      |  |
| ScIBcurveOS          | This field contains patient's contact lens OS base curve.      |  |
| ScIDiameterOD        | This field contains patient's contact lens OD diameter.        |  |

|                           |  |
|---------------------------|--|
| SclDiameterOS             | This field contains patient's contact lens OS diameter.            |
| SclsphereOD               | This field contains patient's contact lens OD sphere.              |
| SclsphereOS               | This field contains patient's contact lens OS sphere.              |
| SclCylinderOD             | This field contains patient's contact lens OD cylinder.            |
| SclCylinderOS             | This field contains patient's contact lens OS cylinder.            |
| SclaxisOD                 | This field contains patient's contact lens OD axis.                |
| SclaxisOS                 | This field contains patient's contact lens OS axis.                |
| SclAddOD                  | This field contains patient's contact lens OD add.                 |
| SclAddOS                  | This field contains patient's contact lens OS add.                 |
| RgpColorOD                | This field contains patient's contact lens OD add.                 |
| RgpColorOS                | This field contains patient's contact lens OS add.                 |
| CLSLCEvaluationSphereOD   | This field contains patient's contact lens OD refraction sphere.   |
| CLSLCEvaluationSphereOS   | This field contains patient's contact lens OS refraction sphere.   |
| CLSLCEvaluationCylinderOD | This field contains patient's contact lens OD refraction cylinder. |
| CLSLCEvaluationCylinderOS | This field contains patient's contact lens OS refraction cylinder. |
| CLSLCEvaluationAxisOD     | This field contains patient's contact lens OD refraction axis.     |
| CLSLCEvaluationAxisOS     | This field contains patient's contact lens OS refraction axis.     |
| RgpAddOD                  | This field contains patient's contact lens OD refraction add.      |
| RgpAddOS                  | This field contains patient's contact lens OS refraction add.      |
| CLSLCEvaluationComfortOD  | This field contains patient's contact lens OD refraction comfort.  |
| CLSLCEvaluationComfortOS  | This field contains patient's contact lens OS refraction comfort.  |
| CLSLCEvaluationPositionOD | This field contains patient's contact lens OD refraction position. |
| CLSLCEvaluationPositionOS | This field contains patient's contact lens OS refraction position. |
| CLSLCEvaluationMovementOD | This field contains patient's contact lens OD refraction movement. |
| CLSLCEvaluationMovementOS | This field contains patient's contact lens OS refraction movement. |
| Solutions                 | This field contains patient's contact lens solution.               |

|                 |  |
|-----------------|--|
| Replenishment   | This field contains patient's contact lens replacement.          |
| wear_scheduler  | This field contains patient's contact lens replacement schedule. |
| AverageWearTime | This field contains patient's contact lens wear time.            |
| CLSComent_Desc  | This field contains patient's contact lens comments.             |

IOP

|                    |  |
|--------------------|--|
| <b>Description</b> | Intraocular Pressure   |
| <b>File name</b>   | Chart_IOP.csv  |
| <b>Column name</b> | <b>Comments</b>  |
| PATIENT_ID         | This field contains the patient's unique ID.                               |
| Reason             | This field contains patient's reason for visit.                            |
| date_of_service    | This field contains patient's date of service.                             |
| time_of_service    | This field contains patient's time of service.                             |
| sumODIop           | This field contains patient's IOP OD. (contains Method: targetOD and time) |
| sumOSIop           | This field contains patient's IOP OS. (contains Method: targetOS and time) |
| descTA             | This field contains patient's IOP target description                       |
| descTP             | This field contains patient's IOP target description                       |
| sumAnesOD          | This field contains patient's IOP Anes OD                                  |
| sumAnesOS          | This field contains patient's IOP Anes OS                                  |
| spAnesTime         | This field contains patient's IOP Anes Time                                |

CYCLOPLEGIC

|                                |   |
|--------------------------------|---|
| <b>Description</b>             | Dilated Retinoscopy   |
| <b>File name</b>               | CYCLOPLEGIC.csv   |
| <b>Column name</b>             | <b>Comments</b>   |
| PATIENT_ID                     | This field contains the patient's unique ID                       |
| DATE_OF_SERVICE                | This field contains patient's date of service                     |
| CYLOCPLEGIC_RETINO_PROVIDER    | This field contains physician name who created patient's exam     |
| CYLOCPLEGIC_RETINO_SPHERE_OD   | This field contains patient's cycloplegic retinoscopy sphere OD   |
| CYLOCPLEGIC_RETINO_CYLINDER_OD | This field contains patient's cycloplegic retinoscopy cylinder OD |
| CYLOCPLEGIC_RETINO_AXIS_OD     | This field contains patient's cycloplegic retinoscopy axis OD     |
| CYLOCPLEGIC_RETINO_SPHERE_OS   | This field contains patient's cycloplegic retinoscopy sphere OS   |



|                                |   |
|--------------------------------|---|
| CYLOCPLEGIC_RETINO_CYLINDER_OS | This field contains patient's cycloplegic retinoscopy cylinder OS |
| CYLOCPLEGIC_RETINO_AXIS_OS     | This field contains patient's cycloplegic retinoscopy axis OS     |

Glasses\_Prescription

|                        |  |
|------------------------|--|
| <b>Description</b>     | Manifest Refraction Prescription Given                                 |
| <b>File name</b>       | Glasses_Prescription.csv   |
| <b>Column name</b>     | <b>Comments</b>  |
| PATIENT_ID             | This field contains the patient's unique ID.                           |
| DATE_OF_SERVICE        | This field contains patient's date of service.                         |
| MR_GIVEN               | This field contains patient's MR Given OR Not. (Yes/No)                |
| MR_GIVEN_PROVIDER      | This field contains physician name who created patient's exam.         |
| MR_GIVEN_DATE          | This field contains patient's MR Given date.                           |
| REFRACTION_TYPE        | This field contains patient's refraction type (MR).                    |
| REFRACTION_TYPE_NUMBER | This field contains patient's refraction type number (MR1,MR2 etc.).   |
| COMMENTS               | This field contains patient's refraction comments                      |
| MR_SPHERE_OD           | This field contains patient's refraction MR1 sphere OD.                |
| MR_CYLINDER_OD         | This field contains patient's refraction MR1 cylinder OD.              |
| MR_AXIS_OD             | This field contains patient's refraction MR1 axis OD.                  |
| MR_AXIS_VA_OD          | This field contains patient's refraction MR1 axis va OD.               |
| MR_ADD_OD              | This field contains patient's refraction MR1 add OD.                   |
| MR_ADD_VA_OD           | This field contains patient's refraction MR1 add va OD.                |
| SEG_TYPE_OD            | This field contains patient's refraction MR1 seg type OD.              |
| VISU_OTHER_OD          | This field contains patient's refraction MR1 lens type OD.             |
| GL_PH_OD               | This field contains patient's refraction MR1 GL PH OD.                 |
| MR_GL_VA_OD            | This field contains patient's refraction MR1 GL VA OD.                 |
| MR_PH_VA_OD            | This field contains patient's refraction MR1 PH VA OD.                 |
| H_PRISM_OD             | This field contains patient's refraction MR1 horizontal prism OD.      |
| H_BASE_OD              | This field contains patient's refraction MR1 horizontal base prism OD. |

|                   |  |
|-------------------|--|
| V_PRISM_OD        | This field contains patient's refraction MR1 vertical prism OD         |
| V_BASE_OD         | This field contains patient's refraction MR1 vertical base prism OD.   |
| MR_SPHERE_OS      | This field contains patient's refraction MR1 sphere OS.                |
| MR_CYLINDER_OS    | This field contains patient's refraction MR1 cylinder OS.              |
| MR_AXIS_OS        | This field contains patient's refraction MR1 axis OS.                  |
| MR_AXIS_VA_OS     | This field contains patient's refraction MR1 axis va OS.               |
| MR_ADD_OS         | This field contains patient's refraction MR1 add OS.                   |
| MR_ADD_VA_OS      | This field contains patient's refraction MR1 add va OS.                |
| SEG_TYPE_OS       | This field contains patient's refraction MR1 seg type OS.              |
| VISU_OTHER_OS     | This field contains patient's refraction MR1 lens type OS.             |
| GL_PH_OS          | This field contains patient's refraction MR1 GL PH OS.                 |
| MR_GL_VA_OS       | This field contains patient's refraction MR1 GL VA OS.                 |
| MR_PH_VA_OS       | This field contains patient's refraction MR1 PH VA OS.                 |
| H_PRISM_OS        | This field contains patient's refraction MR1 horizontal prism OS.      |
| H_BASE_OS         | This field contains patient's refraction MR1 horizontal base prism OS. |
| V_PRISM_OS        | This field contains patient's refraction MR1 vertical prism OS.        |
| V_BASE_OS         | This field contains patient's refraction MR1 vertical base prism OS.   |
| PRISM_DESCRIPTION | This field contains patient's refraction MR1 prism description.        |

Refraction

|                    |  |
|--------------------|--|
| <b>Description</b> | Subjective measure of power for glasses and contacts           |
| <b>File name</b>   | REFRACTION.csv   |
| <b>Column name</b> | <b>Comments</b>  |
| PATIENT_ID         | This field contains the patient's unique ID.                   |
| DATE_OF_SERVICE    | This field contains patient's date of service.                 |
| PC_PROVIDER        | This field contains physician name who created patient's exam. |

|                                |   |
|--------------------------------|---|
| MR_GIVEN_DATE                  | This field contains patient's MR Given date.                          |
| GLASSES_TYPE                   | This field contains patient's glasses type (PC).                      |
| GLASSES_TYPE_NUMBER            | This field contains patient's glasses type number (PC1,PC2 etc.).     |
| COMMENTS                       | This field contains patient's glasses comments                        |
| PC_SPHERE_OD                   | This field contains patient vision's pc1 sphere OD.                   |
| PC_CYLINDER_OD                 | This field contains patient vision's pc1 cylinder OD.                 |
| PC_AXIS_OD                     | This field contains patient vision's pc1 axis OD.                     |
| PC_ADD_OD                      | This field contains patient vision's pc1 add OD.                      |
| PC_ADD_VA_OD                   | This field contains patient vision's pc1 add va OD.                   |
| SEG_TYPE_OD                    | This field contains patient vision's pc1 seg type OD.                 |
| PC_OVER_REFRACTION_SPHERE_OD   | This field contains patient vision's pc1 over refraction sphere OD.   |
| PC_OVER_REFRACTION_CYLINDER_OD | This field contains patient vision's pc1 over refraction cylinder OD. |
| PC_OVER_REFRACTION_AXIS_OD     | This field contains patient vision's pc1 over refraction axis OD.     |
| PC_OVER_REFRACTION_VISION_OD   | This field contains patient vision's pc1 over refraction vision OD.   |
| H_PRISM_OD                     | This field contains patient vision's pc1 horizontal prism OD.         |
| H_BASE_OD                      | This field contains patient vision's pc1 horizontal base prism OD.    |
| V_PRISM_OD                     | This field contains patient vision's pc1 vertical prism OD.           |
| V_BASE_OD                      | This field contains patient vision's pc1 vertical base prism OD.      |
| PC_SPHERE_OS                   | This field contains patient vision's pc1 sphere OS.                   |
| PC_CYLINDER_OS                 | This field contains patient vision's pc1 cylinder OS.                 |
| PC_AXIS_OS                     | This field contains patient vision's pc1 axis OS.                     |
| PC_ADD_OS                      | This field contains patient vision's pc1 add OS.                      |
| PC_ADD_VA_OS                   | This field contains patient vision's pc1 add va OS.                   |
| SEG_TYPE_OS                    | This field contains patient vision's pc1 seg type OS.                 |
| PC_OVER_REFRACTION_SPHERE_OS   | This field contains patient vision's pc1 over refraction sphere OS.   |
| PC_OVER_REFRACTION_CYLINDER_OS | This field contains patient vision's pc1 over refraction cylinder OS. |
| PC_OVER_REFRACTION_AXIS_OS     | This field contains patient vision's pc1 over refraction axis OS.     |
| PC_OVER_REFRACTION_VISION_OS   | This field contains patient vision's pc1 over refraction vision OS.   |
| H_PRISM_OS                     | This field contains patient vision's pc1 horizontal prism OS.         |

|                   |  |
|-------------------|--|
| H_BASE_OS         | This field contains patient vision's pc1 horizontal base prism OS. |
| V_PRISM_OS        | This field contains patient vision's pc1 vertical prism OS.        |
| V_BASE_OS         | This field contains patient vision's pc1 vertical base prism OS.   |
| PRISM_DESCRIPTION | This field contains patient vision's pc1 prism description.        |

RETINOSCOPY

|                         |  |
|-------------------------|--|
| <b>Description</b>      | Objective measure of the refractive error                      |
| <b>File name</b>        | RETINOSCOPY.csv  |
| <b>Column name</b>      | <b>Comments</b>  |
| PATIENT_ID              | This field contains the patient's unique ID.                   |
| DATE_OF_SERVICE         | This field contains patient's date of service.                 |
| RETINOSCOPY_PROVIDER    | This field contains physician name who created patient's exam. |
| EXAM_DATE               | This field contains patient's Exam date.                       |
| RETINOSCOPY_SPHERE_OD   | This field contains patient's retinoscopy sphere OD.           |
| RETINOSCOPY_CYLINDER_OD | This field contains patient's retinoscopy cylinder OD.         |
| RETINOSCOPY_AXIS_OD     | This field contains patient's retinoscopy axis OD.             |
| RETINOSCOPY_SPHERE_OS   | This field contains patient's retinoscopy sphere OS.           |
| RETINOSCOPY_CYLINDER_OS | This field contains patient's retinoscopy cylinder OS.         |
| RETINOSCOPY_AXIS_OS     | This field contains patient's retinoscopy axis OS.             |

VISION\_Distance\_Near\_Acuity

|                     |  |
|---------------------|--|
| <b>Description</b>  | Visual Acuity Results for Distance and Near                    |
| <b>File name</b>    | Vision_Distance_Near_Acuity.csv                                |
| <b>Column name</b>  | <b>Comments</b>  |
| PATIENT_ID          | This field contains the patient's unique ID.                   |
| DATE_OF_SERVICE     | This field contains patient's date of service.                 |
| AD_ACUITY_PROVIDER  | This field contains physician name who created patient's exam. |
| AD_ACUITY_EXAM_DATE | This field contains patient's Exam date.                       |
| vis_dis_od_label_1  | This field contains patient vision's distance label 1 OD.      |
| vis_dis_od_txt_1    | This field contains patient vision's distance value 1 OD.      |
| vis_dis_os_label_1  | This field contains patient vision's distance label 1 OS.      |

|                     |  |
|---------------------|--|
| vis_dis_os_txt_1    | This field contains patient vision's distance value 1 OS.            |
| vis_dis_ou_label_1  | This field contains patient vision's distance label 1 OU.            |
| vis_dis_ou_txt_1    | This field contains patient vision's distance value 1 OU.            |
| vis_dis_snellen     | This field contains patient vision's distance snellen select options |
| vis_dis_desc_1      | This field contains patient vision's distance description value 1.   |
| vis_dis_od_label_2  | This field contains patient vision's distance label 2 OD.            |
| vis_dis_od_txt_2    | This field contains patient vision's distance value 2 OD.            |
| vis_dis_os_label_2  | This field contains patient vision's distance label 2 OS.            |
| vis_dis_os_txt_2    | This field contains patient vision's distance value 2 OS.            |
| vis_dis_ou_label_2  | This field contains patient vision's distance label 2 OU.            |
| vis_dis_ou_txt_2    | This field contains patient vision's distance value 2 OU.            |
| vis_dis_desc_2      | This field contains patient vision's distance description value 2.   |
| vis_dis_od_label_3  | This field contains patient vision's distance label 3 OD.            |
| vis_dis_od_txt_3    | This field contains patient vision's distance value 3 OD.            |
| vis_dis_os_label_3  | This field contains patient vision's distance label 3 OS.            |
| vis_dis_os_txt_3    | This field contains patient vision's distance value 3 OS.            |
| vis_dis_ou_label_3  | This field contains patient vision's distance label 3 OU.            |
| vis_dis_ou_txt_3    | This field contains patient vision's distance value 3 OU.            |
| vis_dis_desc_3      | This field contains patient vision's distance description value 3.   |
| vis_near_od_label_1 | This field contains patient vision's near label 1 OD.                |

|                          |  |
|--------------------------|--|
| vis_near_od_txt_1        | This field contains patient vision's near value 1 OD.                |
| vis_near_os_label_1      | This field contains patient vision's near label 1 OS.                |
| vis_near_os_txt_1        | This field contains patient vision's near value 1 OS.                |
| vis_near_ou_label_1      | This field contains patient vision's near label 1 OU.                |
| vis_near_ou_txt_1        | This field contains patient vision's near value 1 OU.                |
| vis_near_snellen         | This field contains patient vision's near snellen select options     |
| vis_near_desc_1          | This field contains patient vision's near description value 1.       |
| vis_near_od_label_2      | This field contains patient vision's near label 2 OD.                |
| vis_near_od_txt_2        | This field contains patient vision's near value 2 OD.                |
| vis_near_os_label_2      | This field contains patient vision's near label 2 OS.                |
| vis_near_os_txt_2        | This field contains patient vision's near value 2 OS.                |
| vis_near_ou_label_2      | This field contains patient vision's near label 2 OU.                |
| vis_near_ou_txt_2        | This field contains patient vision's near value 2 OU.                |
| vis_near_desc_2          | This field contains patient vision's near description value 2.       |
| vis_ad_acuity_od_label_1 | This field contains patient vision's add acuity label 1 OD.          |
| vis_ad_acuity_od_txt_1   | This field contains patient vision's add acuity value 1 OD.          |
| vis_ad_acuity_os_label_1 | This field contains patient vision's add acuity label 1 OS.          |
| vis_ad_acuity_os_txt_1   | This field contains patient vision's add acuity value 1 OS.          |
| vis_ad_acuity_ou_label_1 | This field contains patient vision's add acuity label 1 OU.          |
| vis_ad_acuity_ou_txt_1   | This field contains patient vision's add acuity value 1 OU.          |
| vis_ad_acuity_desc_1     | This field contains patient vision's add acuity description value 1. |