FlagShipMD

170.315(b)(10) Electronic Health Information Report

Version 1.0

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Introduction

The applications provide the export of electronic health information (EHI) for a single patient as well as for the patient population in the following export formats:

1. CCDA: FlagShipMD supports bulk export of HL7 CCDA XML files which comply with United States Core Data for Interoperability (USCDI), Version 1 requirements

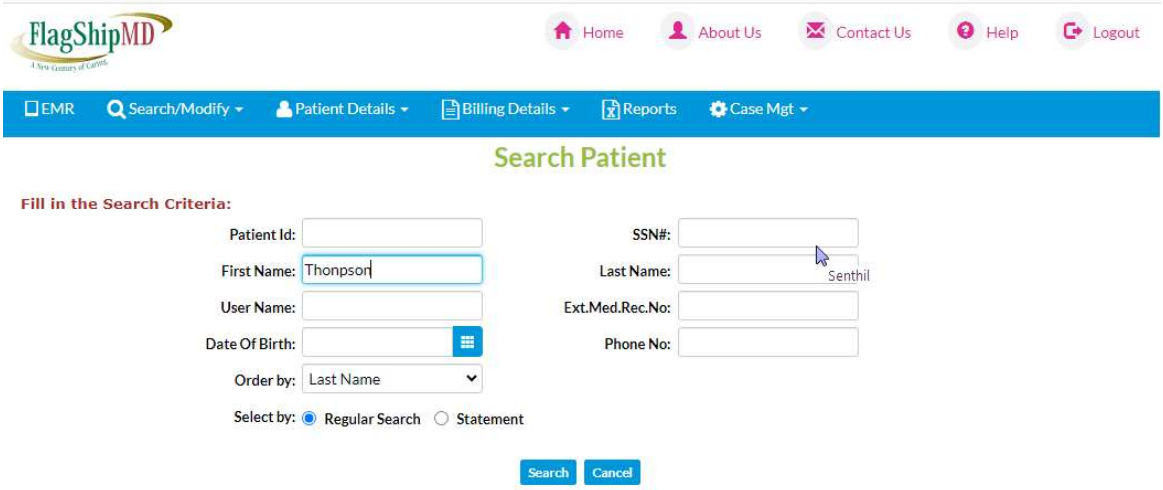
   Sections of EHI exported in CDA
   - ALLERGIES, ADVERSE REACTIONS, ALERTS
   - ASSESSMENTS
   - ENCOUNTERS
   - FAMILY HISTORY
   - FUNCTIONAL STATUS
   - IMMUNIZATIONS
   - INSTRUCTIONS
   - HISTORY OF MEDICATION
   - MEDICATION ADMINISTERED
   - TREATMENT PLAN
   - PROBLEM LIST
   - PROCEDURES
   - PROGRESS NOTE
   - CHIEF COMPLAINT AND REASON FOR VISIT
   - LAB RESULTS
   - SOCIAL HISTORY
   - VITAL SIGNS

2. The specifications for the CCDA can be obtained from the HL7 website:

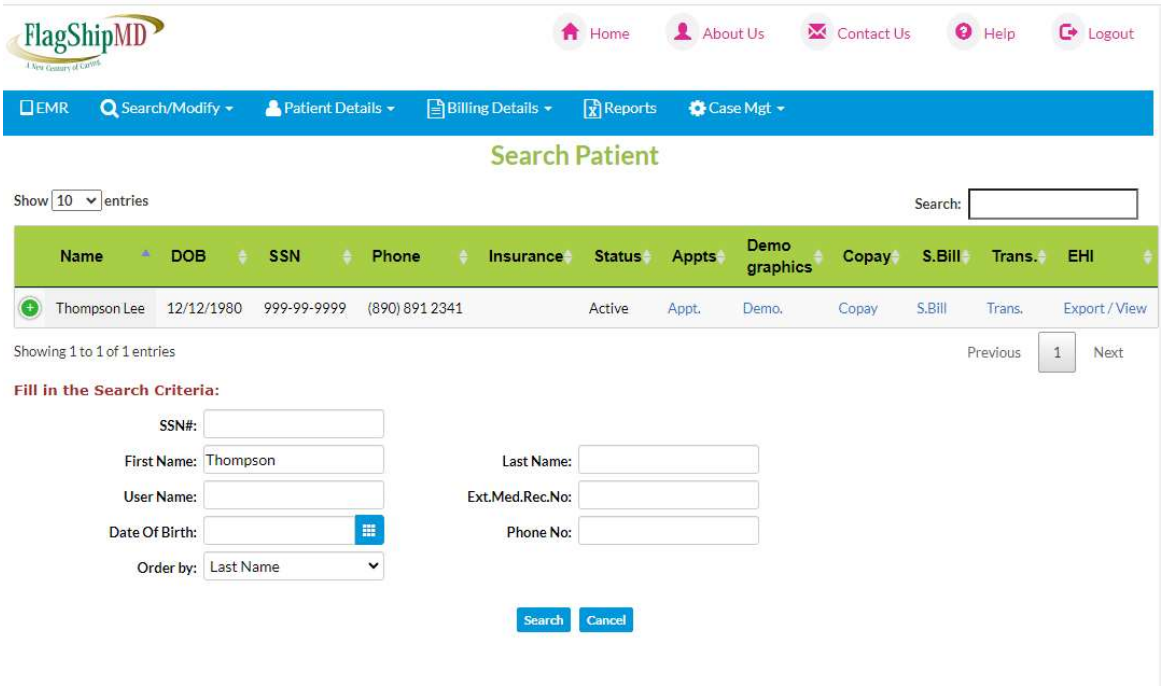
   http://www.hl7.org/implement/standards/product_brief.cfm?product_id=447

Single Patient EHI Export

Exporting EHI for a single patient can be done in FlagShipMD by searching the patient with the following filters,
First Name, Last Name, Date of Service, SSN

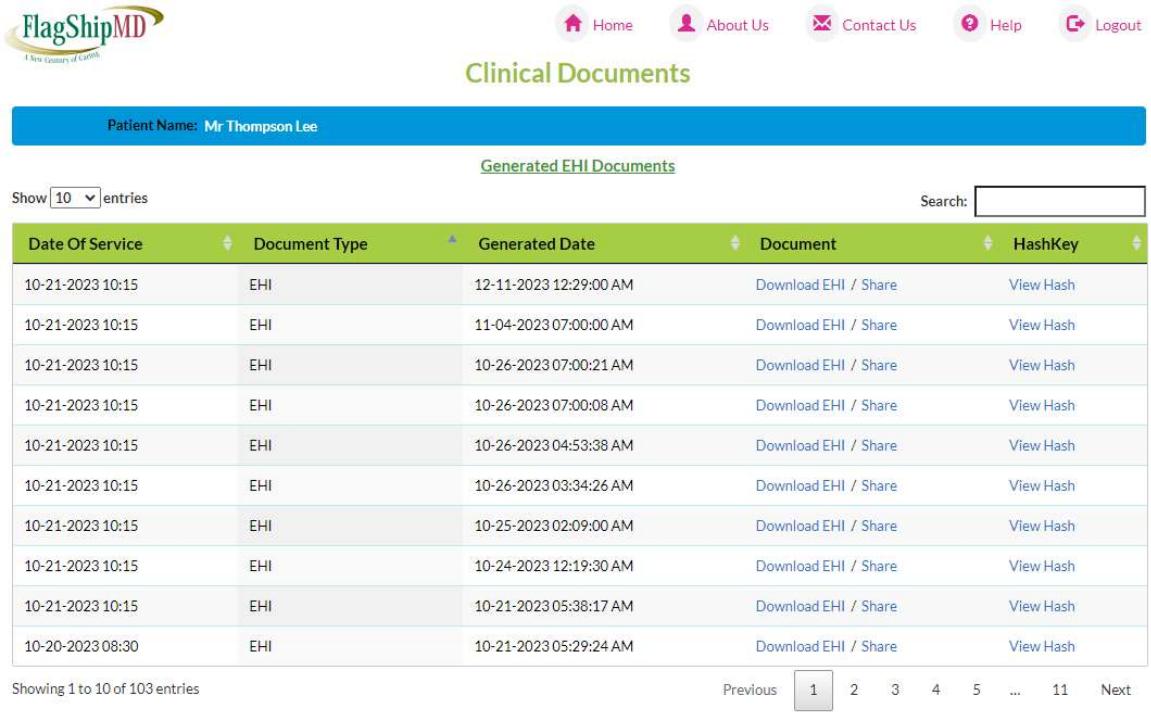


Patients who are matching the given filter criteria will be listed as below,



Clicking on "Export" under the EHI column, will generate the export and opens the EHI Exports of the selected patient.

Clicking on "View" under EHI Column, will open the previous exports of the selected patient.



Generated EHI documents will be listed as above and these documents can be shared electronically by clicking on “Share”, Similarly the EHI documents can be downloaded by clicking the “Download EHI” link.

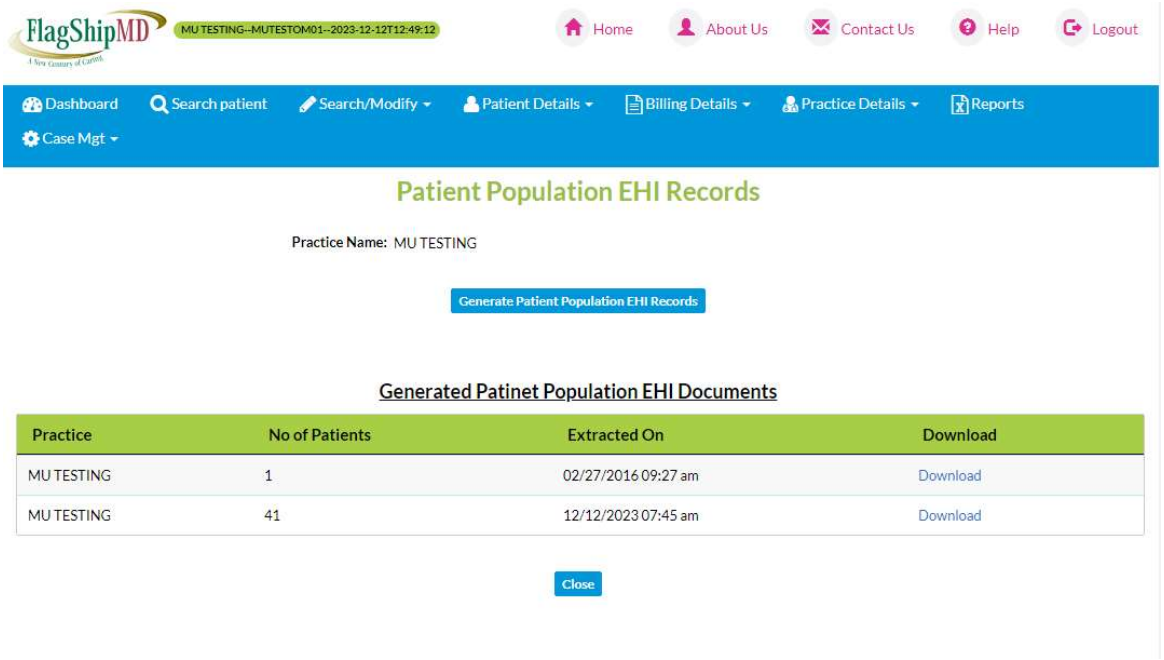
The below screenshot shows the sample of electronic readable document.


```
<?xml version="1.0"?><?xml-stylesheet type="text/xsl" href="CDA.xsl"?><ClinicalDocument xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns=
"urn:hl7-org:v3" xmlns:cda="urn:hl7-org:v3" xmlns:sdtc="urn:hl7-org:sdtc" xsi:schemaLocation="urn:hl7-org:v3 CDA_SDTC.xsd"><realmCode code="US"/>
  <typeId root="2.16.840.1.113883.1.3" extension="POCD_HD000040"/>
  <templateId root="2.16.840.1.113883.10.20.22.1.1" extension="2015-08-01"/>
  <templateId root="2.16.840.1.113883.10.20.22.1.1"/>
  <templateId root="2.16.840.1.113883.10.20.22.1.2" extension="2015-08-01"/>
  <templateId root="2.16.840.1.113883.10.20.22.1.2"/>
  <id root="2.16.840.1.113883.3.72" extension="Thompson Lee CCDA"/>
  <code code="34133-9" codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC" displayName="Summarization of Episode Note"/>
  <title>MU TESTING: Health Summary</title>
  <effectiveTime value="20231104"/>
  <confidentialityCode code="N" codeSystem="2.16.840.1.113883.5.25"/>
  <languageCode code="en-US"/>
  <recordTarget>
    <patientRole>
      <id root="2.16.840.1.113883.4.1" extension="999-99-9999"/>
      <addr use="HP"><streetAddressLine>New 34</streetAddressLine><city>Jacksonviel</city><state>FL</state><country>US</country><postalCode>34534
      </postalCode></addr>
      <telecom value="tel:(890) 891 2341" use="HP"/>
      <patient>
        <name><given>Thompson</given><family>Lee</family><prefix>Mr</prefix></name>
        <administrativeGenderCode code="M" codeSystem="2.16.840.1.113883.5.1"/>
        <birthTime value="19801212"/>
        <maritalStatusCode code="M" codeSystem="2.16.840.1.113883.5.2" codeSystemName="MaritalStatusCode" displayName="Married"/>
        <raceCode code="2054-5" codeSystem="2.16.840.1.113883.6.238" codeSystemName="OMB Standards for Race and Ethnicity" displayName="Black or
        African American"/>
        <ethnicGroupCode code="2186-5" codeSystem="2.16.840.1.113883.6.238" codeSystemName="OMB Standards for Race and Ethnicity" displayName="Not
        Hispanic or Latino"/>
        <languageCommunication>
          <languageCode code="EN"/>
          <modeCode code="ESP" codeSystem="2.16.840.1.113883.5.60" codeSystemName="LanguageAbilityMode" displayName="Expressed spoken"/>
          <preferenceInd value="true"/>
        </languageCommunication>
      </patient>
    </patientRole>
  </recordTarget>
  <author>
    <time value="20231021000000+0500"/>
```

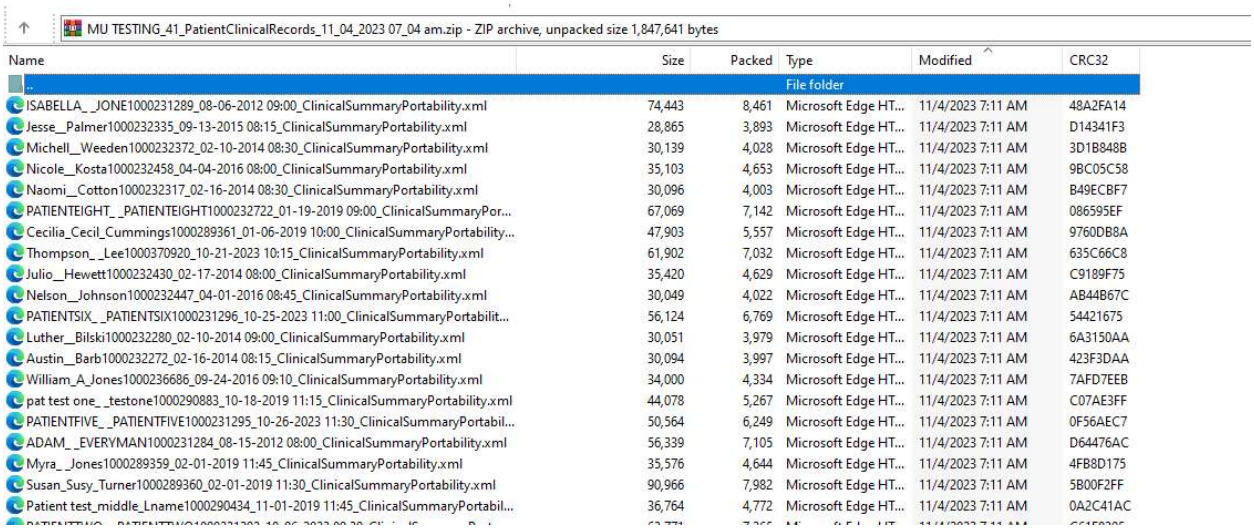
Patient Population EHI Export

FlagShipMd supports to export the EHI for all the patients from the system. This can be done by accessing "Patient Population EHI Records" page.

Clicking on "Generate Patient Population EHI Records" will generate the EHI documents for all the patients in the system.



The generated Patient Population records will be listed as above, clicking on the Download link will download the electronic readable document for all the patients in compressed format.



Name	Size	Packed	Type	Modified	CRC32
..			File folder		
ISABELLA_ _JONE1000231289_08-06-2012 09:00_ClinicalSummaryPortability.xml	74,443	8,461	Microsoft Edge HT...	11/4/2023 7:11 AM	48A2FA14
Jesse__Palmer1000232335_09-13-2015 08:15_ClinicalSummaryPortability.xml	28,865	3,893	Microsoft Edge HT...	11/4/2023 7:11 AM	D14341F3
Michell__Weeden1000232372_02-10-2014 08:30_ClinicalSummaryPortability.xml	30,139	4,028	Microsoft Edge HT...	11/4/2023 7:11 AM	3D1B848B
Nicole__Kosta1000232458_04-04-2016 08:00_ClinicalSummaryPortability.xml	35,103	4,653	Microsoft Edge HT...	11/4/2023 7:11 AM	9BC05C58
Naomi__Cotton1000232317_02-16-2014 08:30_ClinicalSummaryPortability.xml	30,096	4,003	Microsoft Edge HT...	11/4/2023 7:11 AM	B49ECBF7
PATIENTEIGHT_ _PATIENTEIGHT1000232722_01-19-2019 09:00_ClinicalSummaryPor...	67,069	7,142	Microsoft Edge HT...	11/4/2023 7:11 AM	086595EF
Cecilia_Cecil_Cummings1000289361_01-06-2019 10:00_ClinicalSummaryPortability...	47,903	5,557	Microsoft Edge HT...	11/4/2023 7:11 AM	9760DB8A
Thompson_ _Lee1000370920_10-21-2023 10:15_ClinicalSummaryPortability.xml	61,902	7,032	Microsoft Edge HT...	11/4/2023 7:11 AM	635C66C8
Julio__Hewett1000232430_02-17-2014 08:00_ClinicalSummaryPortability.xml	35,420	4,629	Microsoft Edge HT...	11/4/2023 7:11 AM	C9189F75
Nelson__Johnson1000232447_04-01-2016 08:45_ClinicalSummaryPortability.xml	30,049	4,022	Microsoft Edge HT...	11/4/2023 7:11 AM	AB44B67C
PATIENTSIX_ _PATIENTSIX1000231296_10-25-2023 11:00_ClinicalSummaryPortabilit...	56,124	6,769	Microsoft Edge HT...	11/4/2023 7:11 AM	54421675
Luther__Bilski1000232280_02-10-2014 09:00_ClinicalSummaryPortability.xml	30,051	3,979	Microsoft Edge HT...	11/4/2023 7:11 AM	6A3150AA
Austin__Barb1000232272_02-16-2014 08:15_ClinicalSummaryPortability.xml	30,094	3,997	Microsoft Edge HT...	11/4/2023 7:11 AM	423F3DAA
William_A_Jones1000236686_09-24-2016 09:10_ClinicalSummaryPortability.xml	34,000	4,334	Microsoft Edge HT...	11/4/2023 7:11 AM	7AFD7EEB
pat test one_ _testone1000290883_10-18-2019 11:15_ClinicalSummaryPortability.xml	44,078	5,267	Microsoft Edge HT...	11/4/2023 7:11 AM	C07AE3FF
PATIENTFIVE_ _PATIENTFIVE1000231295_10-26-2023 11:30_ClinicalSummaryPortabil...	50,564	6,249	Microsoft Edge HT...	11/4/2023 7:11 AM	0F56AEC7
ADAM_ _EVERYMAN1000231284_08-15-2012 08:00_ClinicalSummaryPortability.xml	56,339	7,105	Microsoft Edge HT...	11/4/2023 7:11 AM	D64476AC
Myra_ _Jones1000289359_02-01-2019 11:45_ClinicalSummaryPortability.xml	35,576	4,644	Microsoft Edge HT...	11/4/2023 7:11 AM	4FB8D175
Susan_Susy_Turner1000289360_02-01-2019 11:30_ClinicalSummaryPortability.xml	90,966	7,982	Microsoft Edge HT...	11/4/2023 7:11 AM	5B00F2FF
Patient test_middle_Lname1000290434_11-01-2019 11:45_ClinicalSummaryPortabil...	36,764	4,772	Microsoft Edge HT...	11/4/2023 7:11 AM	0A2C41AC

The compressed file will have the electronic readable document for each patient as above.

Security Access Structure

SYSADMIN – This user controls user access to EHI Export option. Usually managed by local IT.

- Set up role-based access
- Setup individual user access

Office Manager

- Role based access to Patient Population EHI Export

Physician

- Role based access to Single Patient EHI Export

Nursing Supervisor

- Role based access to Single Patient EHI Export

Receptionist

- No Access to EHI Export for Single Patient and Patient Population