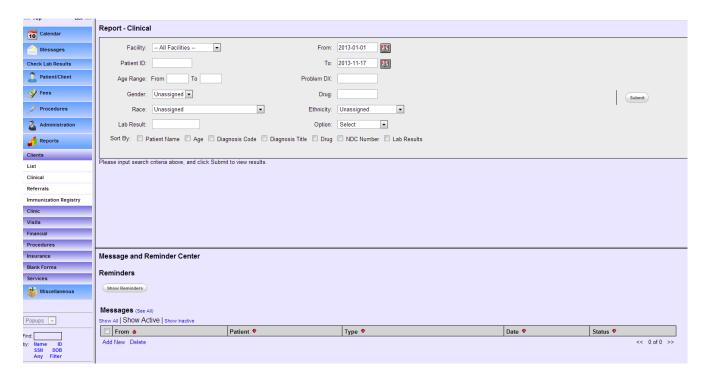
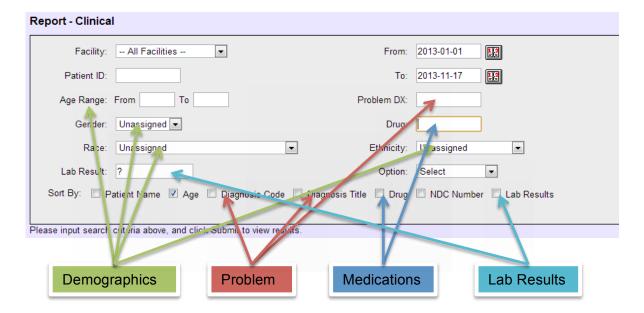
| | | Team # 1 Open EMR Certification Gap | Analysis | | | | |
|---|---|---|---|---|------------------------------------|---------|--|
| Meaningful Use Stage 2 - Patient List Creation | | | | | | | |
| Patient List Objectives | Patient List Measures | OpenEMR Assesment | Current Status | Gap | Action Plan | Priorit | |
| 1.Create a list of patients | Generate at least one report listing electronically and dynamically select, sort, access, and create patient lists. | Can the OpenEMR system generate a patient list? | Currently part of OpenEMR v4.1.2 | | | | |
| Generate a patient list based on a sequence or date range | electronically and dynamically select, sort, access, and create patient lists by date and time. | Can the OpenEMR system generate a sorted patient list based on a date range? | | The ability to sort based on specific date. | Clinical Report | | |
| 3. Create a patient list with the ability to generate "each one and at least one combination" | Generate at least one report listing electronically and dynamically select, sort, access, and create patient lists by date and time and based on data from each one and at least one combination of data from two or more of the following data categories: problems, medications, medication allergies, demographics, laboratory tests and values/results, and, in the ambulatory setting only, patient communication preferences. | Can the OpenEMR system generate at least one list of patients based on a combination of data elements from two or more of the following categories: the Problem list, Medication list, Medication Allergy list, Demographics, Laboratory tests and values/results, and Patient communication preferences sorted patient list based on a date range? | The OpenEMR database stores information from all the outlined categories, this feature is not currently implemented. | The ability to search simultaneously based on date range, the Problem list, Medication list, Medication Allergy list, Demographics, Laboratory tests and values/results, and Patient communication preferences. The ability to sort based on specified criteria. | Model after the Clinical Report | High | |
| 4. Record a patient's communication preference | Generate at least one report listing electronically and dynamically set patient communication preferences in Ambulatory setting only. | Can the OpenEMR system generate a list based on communication preference? | The ability to store the communication preferences for a patient is currently part of OpenEMR v4.1.2, but the ability to search based on a patient's communication preference is not. | The ability to search based on a patient's communication preference. While there are different "Yes/No" style patient communication options in OpenEMR, there is no place to select a specific "preference." We recommend using an algorithm to auto-populate preference (which will be a new data element) based on existing Yes/No answers, and if multiple fields are "Yes" then letting the user of the EMR select one of the options. Another item that will need to be added is the type of provider (ambulatory or hospital) so that you can do the search based on ambulatory online (in case data from hospital is not necessarily included). This should be in a background databsae. | Clinical Report | High | |
| 5. Generate a patient list with medical problems | Generate at least one report listing electronically and dynamically select, sort, access, and create patient lists by date and time and based on structured data defined as medical problems. | Can the OpenEMR system generate a list based on medical problems? | The ability to store the medical problems for a patient is currently part of OpenEMR v4.1.2, but the ability to search based on a patient's medical problems is not. | The ability to search based on patient's medical problems. | Model after the Clinical Report | High | |
| 6. Generate a patient list with medications | Generate at least one report listing electronically and dynamically select, sort, access, and create patient lists by date and time and based structured data defined as medications, medication allergies. | Can the OpenEMR system generate a list based on medications? | The ability to store the medications for a patient is currently part of OpenEMR v4.1.2, but the ability to search based on a patient's medications is not. | The ability to search based on patient's medications. We also recommend adding another data element to pull from other parts of the OpenEMR database the allergy of the patients so you can sort by allergies. | Model after the Clinical Report | High | |
| 7. Generate a patient list with demographics | Generate at least one report listing electronically and dynamically select, sort, access, and create patient lists by date and time and based structured data defined as demographics. | Can the OpenEMR system generate a list based on demographics? | The ability to store the demographics for a patient is currently part of OpenEMR v4.1.2, but the ability to search based on a patient's demographics problems is not. | The ability to search based on patient's demographics. | Model after the Clinical Report | High | |
| 8. Generate a patient list with laboratory test results | Generate at least one report listing electronically and dynamically select, sort, access, and create patient lists by date and time and based structured data defined as laboratory tests and values/results. | Can the OpenEMR system generate a list based on laboratory test results? | The ability to store the laboratory | The ability to search based on patient's laboratory test results. We recommend adding fields that will pull in the preferred "Lab Test" and "Lab Values". We recommend doing this on the basis of codes for various lab tests (standards are key) rather than what seems to be the current free text option. | Model after the Clinical Report | High | |

Graphical Representation of Patient List for Modification for Meaningful Use 2 Attestation

Our current OpenEMR display in HITNY.ORG, this should be incorporated from the Clinical report into the Patient List report:



From interpreting the current Report-Clinical Screen we have already the following:

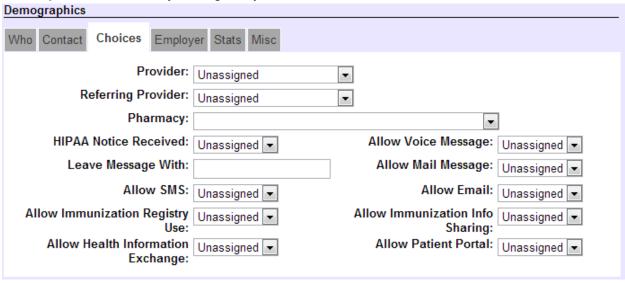


We now want to expand the search criteria by adding the following data elements:

| Report - Clinical | | | | | | | |
|---|--------------|--|--|--|--|--|--|
| Facility: All Facilities From: | 2013-01-01 | | | | | | |
| Patient ID: To: | 2013-11-17 | | | | | | |
| Age Range: From To Problem DX: | | | | | | | |
| Gender: Unassigned ▼ Drug: | | | | | | | |
| Race: Unassigned Ethnicity: | Unassigned ▼ | | | | | | |
| Lab Result: Option: | Select ▼ | | | | | | |
| Sort By: Patient Name Age Diagnosis Code Diagnosis Title Drug NDC Number Lab Results | | | | | | | |
| Please input search criteria above, and click Submit to view results. | | | | | | | |
| Option: Select Procedure Medical History Service Codes Add the addition Options: Medical Problems Lab Test: Lab Values/Results: | | | | | | | |
| Add a new field Lab Test: and Lab Values/Result: | | | | | | | |
| Drug: Drug Allergies: | | | | | | | |
| Add a new field Drug Allergies: | | | | | | | |
| Facility: All Facilities ▼ Type: ▼ | | | | | | | |
| Add a new field Type: | | | | | | | |

The new field is contingent if we can get these values from the current EHR version.

A new algorithm to pull in the patient communication preference into the Patient List that is check "yes" for ambulatory settings only:



As for the Ambulatory settings, a new field to be added for new creation of type of Facilities e.g. Inpatient, Outpatient, DPO, Clinic, Ambulatory....:

