

**CCHIT-IFR Certification Criteria Gap Analysis
Eligible Providers**

CCHIT-IFR Stage 1 Certification Criteria Gap Analysis - Eligible Providers				
Abbreviation	IFR Criteria	Preliminary ARRA 2011 Criteria	Gap: IFR vs Preliminary ARRA 2011	Gap: IFR vs Comprehensive Amb 2011
CPOE	<p>Enable a user to electronically record, store, retrieve, and manage, at a minimum, the following order types:</p> <ol style="list-style-type: none"> 1. Medications; 2. Laboratory; 3. Radiology/imaging; and 4. Provider referrals. 	<p>The technology shall provide the ability to capture orders for medications, laboratory, procedures, diagnostic imaging, immunizations, and referrals. Electronic interfaces to receiving entities are not required.</p> <p>The technology shall record the identity of the physician (or other licensed professional) placing the order as well as the identity of the user entering the order.</p> <p>The technology shall have the ability to capture an indication for imaging services</p>	No retesting needed	No retesting needed
CDS (Drugs)	<ol style="list-style-type: none"> 1. Automatically and electronically generate and indicate (e.g., pop-up message or sound) in real-time, alerts at the point of care for drug-drug and drug-allergy contraindications based on medication list, medication allergy list, age, and CPOE. 2. Enable a user to electronically check if drugs are in a formulary or preferred drug list in accordance with the standard specified in Table 2A row 2. 3. Provide certain users with administrator rights to deactivate, modify, and add rules for drug-drug and drug-allergy checking. 4. Automatically and electronically track, record, and generate reports on the number of alerts responded to by a user. 	The technology shall provide the ability to perform drug-drug, drug-allergy and drug-formulary checks	Retest needed: Must demonstrate formulary checking, rule modification (or updating), and tracking of user responses to alerts	Retest needed: Must have Advanced eRx certification; must demonstrate tracking of user responses to alerts

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Problem List	Enable a user to electronically record, modify, and retrieve a patient's problem list for longitudinal care (i.e., over multiple office visits) in accordance with the applicable standards% specified in Table 2A row 1.	The technology shall have the ability to maintain an up-to-date problem list of current and active diagnosis based on ICD-9 or SNOMED	No retesting needed	No retesting needed
eRx	Enable a user to electronically transmit medication orders (prescriptions) for patients in accordance with the standards specified in Table 2A row 3.	The technology shall have the ability to generate and transmit permissible prescriptions electronically	No retesting needed	No retesting needed
Med List	Enable a user to electronically record, modify, and retrieve a patient's active medication list as well as medication history for longitudinal care (i.e., over multiple office visits) in accordance with the applicable standard specified in Table 2A row 1.	The technology shall have the ability to maintain an active medication list	Retest needed: must demonstrate code set specified in standard	No retesting needed
Allergy List	Enable a user to electronically record, modify, and retrieve a patient's active medication allergy list as well as medication allergy history for longitudinal care (i.e., over multiple office visits).	The technology shall have the ability to maintain an active medication allergy list	No retesting needed	No retesting needed
Demographics	Enable a user to electronically record, modify, and retrieve patient demographic data including preferred language, insurance type, gender, race, ethnicity, and date of birth.	The technology shall have the ability to record demographics including: date of birth, insurance type, gender. The technology shall have the ability to record additional demographics, specifically preferred/primary language, race, and ethnicity (race and ethnicity following federal Census Bureau guidelines)	No retesting needed	No retesting needed
Advance Directives	No criterion (dropped from MU)	The technology shall have the ability to record advance directives	No retesting needed (dropped)	No retesting needed (but criterion will remain in Comprehensive program)

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Vital Signs	<p>1. Enable a user to electronically record, modify, and retrieve a patient's vital signs including, at a minimum, the height, weight, blood pressure, temperature, and pulse.</p> <p>2. Automatically calculate and display body mass index (BMI) based on a patient's height and weight.</p> <p>3. Plot and electronically display, upon request, growth charts (height, weight, and BMI) for patients 2-20 years old.</p>	<p>The technology shall have the ability to record vital signs: height, weight, blood pressure.</p> <p>The technology shall have the ability to calculate and display BMI.</p>	<p>Retest needed: Must demonstrate temp, pulse; BMI automatically calculated and displayed; growth charts required and must include BMI</p>	<p>Retest needed: Must demonstrate temp, pulse; BMI automatically calculated and displayed; growth charts required and must include BMI</p>
Smoking Status	<p>Enable a user to electronically record, modify, and retrieve the smoking status of a patient to: current smoker, former smoker, or never smoked.</p>	<p>The technology shall have the ability to record smoking status.</p>	<p>Retest needed: must include status choices described in the criterion</p>	<p>Retest needed: must include status choices described in the criterion</p>
Lab Results	<p>1. Electronically receive clinical laboratory test results in a structured format and display such results in human readable format.</p> <p>2. Electronically display in human readable format any clinical laboratory tests that have been received with LOINC® codes.</p> <p>3. Electronically display all the information for a test report specified at 42 CFR 493.1291(c)(1) through (7).6</p> <p>4. Enable a user to electronically update a patient's record based upon received laboratory test results.</p>	<p>The technology shall have the ability to incorporate lab-test results into EHR as structured data</p>	<p>Retest needed: Must display reception of LOINC codes (item 2); and all CLIA-required test report items (item 3)</p>	<p>Retest needed: Must display all CLIA-required test report items (item 3)</p>
Patient Lists	<p>Enable a user to electronically select, sort, retrieve, and output a list of patients and patients' clinical information, based on user-defined demographic data, medication list, and specific conditions.</p>	<p>The technology shall have the ability to generate lists of patients by specific condition to use for quality improvement, reduction of disparities, and outreach</p>	<p>Retest needed: must demonstrate selection on demographic data and medication list</p>	<p>No retesting needed</p>
Quality Reporting	<p>1. Calculate and electronically display quality measure results as specified by CMS or states.</p> <p>2. Enable a user to electronically submit calculated quality measures in accordance with the standard specified in Table 2A row 5.</p>	<p>The technology shall have the ability to generate reports based on health maintenance items performed.</p> <p>The technology shall have the ability to report ambulatory quality measures to CMS</p>	<p>No retesting needed (awaiting final definitions from HHS)</p>	<p>No retesting needed (awaiting final definitions from HHS)</p>

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		The technology shall have the ability to report % of patients who received flu vaccine.		
		The technology shall have the ability to report on use of high-risk medications (for example, Beers criteria).		
		The technology shall have the ability to report % patients at high risk for cardiac events on aspirin prophylaxis.		
		The technology shall have the ability to report the % of all medications, entered into EHR as generic, when generic options exist in the relevant drug class.		
		The technology shall have the ability to stratify reports by demographic information.		
		The technology shall have the ability to report the percentage of lab results incorporated in the EHR in coded format		
		The technology shall have the ability to report % of all patients with access to personal health information electronically.		
		The technology shall have the ability to determine the percentage of patients who have access to patient-specific educational resources		
		The technology shall have the ability to report % of encounters for which clinical summaries were provided.		
		The technology shall have the ability to report % of transitions in care for which summary care record is shared (e.g. electronic, paper, eFax).		
		The technology shall have the ability to report % of encounters where medication reconciliation was performed.		

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		The technology shall have the ability to report up-to-date status for childhood immunizations.		
Patient Reminders	Electronically generate, upon request, a patient reminder list for preventive or follow-up care according to patient preferences based on demographic data, specific conditions, and/or medication list.	The technology shall have the ability to send reminders to patients per patient preference for preventive/follow up care.	No retesting needed	Retest needed: must demonstrate "patient preference" as a display field or sort/filter criterion
CDS (Non drug)	<p>1. Implement automated, electronic clinical decision support rules (in addition to drug-drug and drug-allergy contraindication checking) according to specialty or clinical priorities that use demographic data, specific patient diagnoses, conditions, diagnostic test results and/or patient medication list.</p> <p>2. Automatically and electronically generate and indicate (e.g., pop-up message or sound) in real-time, alerts and care suggestions based upon clinical decision support rules and evidence grade.</p> <p>3. Automatically and electronically track, record, and generate reports on the number of alerts responded to by a user.</p>	The technology shall have the ability to implement at least one clinical decision rule relevant to the specialty it is intended for, or at least one high clinical priority.	Retest needed: specific triggers must be demonstrated; must demonstrate tracking of how users responded to alerts	Retest needed: specific triggers must be demonstrated; must demonstrate tracking of how users responded to alerts
Progress Note	No criterion (dropped from MU)	The technology shall have the ability to document a progress note for each encounter	No retesting needed (dropped)	No retesting needed (but criterion will remain in Comprehensive program)
Insurance Eligibility	Enable a user to electronically record and display patients' insurance eligibility, and submit insurance eligibility queries to public or private payers and receive an eligibility response in accordance with the applicable standards specified in Table 2A row 4.	The technology shall have the ability to check insurance eligibility from public and private payers where possible.	No retesting needed	Retest needed IF vendor opted out
		The technology shall have the ability to report % patient encounters with insurance eligibility confirmed.		

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Electronic Claims	Enable a user to electronically submit claims to public or private payers in accordance with the applicable standards specified in Table 2A row 4.	The technology shall have the ability to submit claims electronically to public and private payers. The technology shall have the ability to report % claims submitted electronically to all payers.	No retesting needed	Retest needed IF vendor opted out
Patient Electronic Copy	Enable a user to create an electronic copy of a patient's clinical information, including, at a minimum, diagnostic test results, problem list, medication list, medication allergy list, immunizations, and procedures in: 1) human readable format; and 2) accordance with the standards% specified in Table 2A row 1 to provide to a patient on electronic media, or through some other electronic means.	The technology shall have the ability to provide patients with electronic copy of their health information (including lab results, problem list, medication lists, allergies) upon request. Electronic access to and copies of may be provided by a number of secure electronic methods (e.g. PHR, patient portal, CD, USB drive)	Retest needed: Must use specified standards; must include immunizations and procedures in copy	Retest needed: Must use specified standards; must include immunizations and procedures in copy
Patient Electronic Access	Enable a user to provide patients with online access to their clinical information, including, at a minimum, lab test results, problem list, medication list, medication allergy list, immunizations, and procedures.	The technology shall have the ability to provide patients with timely electronic access to their health information (including lab results, problem list, medication lists, allergies). Electronic access to and copies of may be provided by a number of secure electronic methods (e.g. PHR, patient portal, CD, USB drive)	Retest needed: Must demonstrate 'online' access and must include immunizations and procedures	Retest needed: Must demonstrate 'online' access and must include immunizations and procedures
Patient Education	No criterion (dropped from MU)	The technology shall have the ability to provide access to patient-specific educational resources.	No retesting needed	No retesting needed (but criterion will remain in Comprehensive program)

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Patient Clinical Summary	<p>1. Enable a user to provide clinical summaries to patients (in paper or electronic form) for each office visit that include, at a minimum, diagnostic test results, medication list, medication allergy list, procedures, problem list, and immunizations.</p> <p>2. If the clinical summary is provided electronically (i.e., not printed), it must be provided in: 1) human readable format; and 2) accordance with the standards% specified in Table 2A row 1 to provide to a patient on electronic media, or through some other electronic means.</p>	<p>The technology shall have the ability to provide clinical summaries for patients for each encounter.</p>	<p>Retest needed: must include elements specified; if provided electronically, must use specified standards</p>	<p>Retest needed: must include elements specified; if provided electronically, must use specified standards</p>
Exchange Clinical Summary	<p>1. Electronically receive a patient summary record, from other providers and organizations including, at a minimum, diagnostic test results, problem list, medication list, medication allergy list, immunizations and procedures and upon receipt of a patient summary record formatted in an alternative standard specified in Table 2A row1, displaying it in human readable format.</p> <p>2. Enable a user to electronically transmit a patient summary record to other providers and organizations including, at a minimum, diagnostic test results, problem list, medication list, medication allergy list, immunizations and procedures in accordance with the standards% specified in Table 2A row 1.</p>	<p>The technology shall have the capability to exchange key clinical information (medication list, allergies) among providers of care and patient authorized entities electronically.</p> <p>The technology shall have the capability to exchange key clinical information (problem list) among providers of care and patient authorized entities electronically</p> <p>The technology shall have the capability to exchange key clinical information (test results) among providers of care and patient authorized entities electronically</p>	<p>Retest needed: must include immunizations and procedures in summary; must display human-readable format of summaries received in alternate format</p>	<p>Retest needed: must include immunizations and procedures in summary; must display human-readable format of summaries received in alternate format (CCR)</p>
Med Reconciliation	<p>Electronically complete medication reconciliation of two or more medication lists (compare and merge) into a single medication list that can be electronically displayed in real-time.</p>	<p>The technology shall have the ability to perform medication reconciliation at relevant encounters and at each transition of care.</p>	<p>Retest needed: reconciliation must be electronically completed</p>	<p>Retest needed: reconciliation must be electronically completed</p>

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Immunization Registries	Electronically record, retrieve, and transmit immunization information to immunization registries in accordance with the standards% specified in Table 2A row 8 or in accordance with the applicable state-designated standard format	The technology shall have the capability to submit electronic data to immunization registries where required and accepted.	No retesting needed	Retest needed IF vendor opted out.
Reportable Lab	No criteria in this domain	(No applicable objectives in this domain)		
Bio-surveillance	Electronically record, retrieve, and transmit syndrome-based (e.g., influenza like illness) public health surveillance information to public health agencies in accordance with the standards specified in Table 2A row 7.	The technology shall have the capability to provide electronic syndromic surveillance data to public health agencies and actual transmission according to applicable law and practice.	No retesting needed	Retest needed IF vendor opted out.