OpenEMR – MUO Stage II Certification

Development/Enhancement Effort Estimation

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No change; Exists in OpenEMR	
Completed	
Depends on the strategic decision by the board	**

Certification Criteria	Description	Time Estimation
Clinical (170.314(a))		
a1. Computerized provider order entry	Exists and unchanged criteria	--
a2. Drug-drug, drug-allergy interaction checks	OpenEMR uses the LabCorp modules itself. If we are going to use the same [third party e-Rx solution], these features are built-in. But if developing, then OpenEMR needs to get drug database and implement coding.	** 2-3 weeks
a3. Demographics	Changing standards of preferable language	1.5 week
a5. Problem list	Change in code standard from ICD9 to SNOMED	
a4. Vital signs, body mass index, and growth charts	Done	--
a6. Medication list	Exists and unchanged criteria	---
a7. Medication allergy list	Exists and unchanged criteria	---
a8. Clinical decision support	Currently brady's engine is included with vitals, medication allergy	---
a9. Electronic notes	Analysis is completed by the community. Only implementation	2.5 weeks
a10. Drug-formulary checks	OpenEMR uses the LabCorp modules itself. If we are going to use the same [third party erx solution], these features	2-3 weeks

	are built-in. But if developing, then OpenEMR needs to get drug database and implement coding.	
a11. Smoking status	Done	--
a12. Image results	New	5 weeks
a13. Family health history	Existing family history needs to be enhanced to incorporate standards (SNOMED,HL7)	1 week
a14. Patient list creation	Existing feature. Needs enhancement	1-2 weeks
a15. Patient-specific education resources	Standards needs to be modified	1 week
Care Coordination (170.314(b))		
b1. Transitions of care – receive, display, and incorporate transition of care/referral summaries	Enhance the exists to Incorporate the received	3 weeks
b2. Transitions of care – create and transmit transition of care/referral summaries	Enhance 'Referral Transaction'. Also include fax/mail option to transmit	3-4 weeks
b3. Electronic prescribing	Assumed to go with LabCorp itself, then it exists	**
b4. Clinical information reconciliation	Enhancing the feature to create/validate/review reconciliation	3-4 weeks
b5. Incorporate lab tests and values/results	Existing enhanced with lab order. If existing MI2 LEN engine is used, then Tony/Rod team is working.	** 2-3 weeks
b7. Data portability	New criteria	3 weeks
Clinical Quality Measures (170.314(c))		
c1. Clinical quality measures - capture and export		4 weeks
c2. Clinical quality		

measures - import and calculate		
c3. Clinical quality measures - electronic submission		
Privacy and Security (170.314(d))		
d1. Authentication, access control, and authorization	Exists and unchanged criteria	---
d2. Auditable events and tamper-resistance	Changes in the standards	1-2 weeks
d3. Audit report(s)	Changes in the standards	2 weeks
d4. Amendments	New criteria	3-4 weeks
d5. Automatic log-off	Exists and unchanged criteria	---
d6. Emergency access	Exists and unchanged criteria	---
d7. End-user device encryption	New criteria	5-6 weeks
d8. Integrity	Exists and unchanged criteria	---
d9. Accounting of disclosures	Exists and unchanged criteria; Optional	---
Patient Engagement (170.314(e))		
e1. View, download, and transmit to 3rd party	New criteria	4-5 weeks
e2. Clinical summaries	Few enhancements to be done	2-3 weeks
e3. Secure messaging	New criteria	4-5 weeks
Public Health (170.314(f))		
f1. Immunization information	Few enhancements to be done	2 weeks
f2. Transmission to immunization registries		
f3. Transmission to public health agencies – syndromic surveillance	Revised criteria	1 week
f5. Cancer case information	Optional, New criteria	2-3 weeks
f6. Transmission to	Optional, New criteria	

cancer registries		
Utilization (170.314(g))		
g1. Automated numerator recording	New criteria	4 weeks
g2. Automated measure calculation	Few enhancements have to be done to suit automated numerator recording	
g3. Safety-enhanced design	Have to be done while coding/enhancing the following features §170.314(a)(1); §170.314(a)(2); §170.314(a)(6); §170.314(a)(7); §170.314(a)(8); §170.314(a)(16); §170.314(b)(3); and §170.314(b)(4).	4 – 5 weeks
g4. Quality management system	New criteria	**4 weeks
Approximate Time required to develop or Enhance the features	**~ 80 – 85 Weeks**	