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Ankhos Oncology Software
Real World Test Plan

Test plan date: 11/30/2021

Plan Report ID Number:

Developer Name: Ankhos Oncology Software

Product Name(s): Ankhos

Version Number(s): 4.0

Certified Health IT Product List (CHPL) ID(s): 15.05.05.2959.ANKH.01.00.0.210111

Developer Real World Testing Page URL: https://www.ankhos.com/s/RealWorldTestPlan2021.pdf

Introduction

Ankhos Real World Testing approach focuses on customer involvement in a production environment to ensure that RWT results are as accurate as possible and reflect as clearly as possible how CHERT modules are used in production environments.

The RWT procedures in this document are separated into Metrics and Certification Criteria.

The **Metrics** section describes real world indicators and data elements that can be used as indicators for expected outcomes. Each metric has its own justification of how that data element is relevant in a RWT environment

The **Certification Criteria** sections each list which metrics apply to that criterion, as well as a justification of why the metric is applicable, time period and the expected outcome.

Listing metrics separate from Certification Criteria will allow future RWT plans to incorporate lessons learned from previous tests to develop more in-depth metrics to better test real world usage of CEHRT.

Standards Update

All standards versions are those specified in the 2015 Edition.

Care Settings

Ankhos is only used in ambulatory oncology clinics with a provider population < 50 providers per site. All metrics and criteria justifications will apply to this care setting unless otherwise noted.

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Metrics

B2.1 CCDA documents received

Metric description: Total number of real world CCDA documents received by customers

Metric Justification: Real world testing needs a baseline for how many CCDA documents are received under live, production conditions by customers using this CEHRT module.

B2.2 CCDA documents successfully parsed

Metric description: Ratio of total number of real world CCDA documents included in B2.1 which were in a format compatible with **C-CDA Release 2.1** architecture compared to total documents received.

Metric Justification: Some real world CCDA documents use incorrect coding, formatting or simply don't include the required fields to process. This metric aims to quantify the number, indicating a deficiency in the document sent or capability to import poorly formatted documents into this CEHRT module.

B2.3 CCDA documents imported

Metric Description: Ratio of number of CCDA documents successfully incorporated into the medical record by this CEHRT module vs number of total documents received.

Metric Justification: The total number of incorporated CCDA documents indicates an integration-level test that validates the entire Clinical Information Reconciliation pipeline

C1.1 QRDA documents exported

Metric Description: Total number of QRDA documents generated by customer using **CMS QRDA** format

Metric Justification: This number represents the actual usage per customer in real world scenarios. This will indicate how users of this CEHRT module utilize this feature

F4.1 Cancer cases exported

Metric Description: Total number of Cancer case CCDA documents generated by customer

Metric Justification: This number represents the actual usage per customer in real world scenarios. This will indicate how users of this CEHRT module utilize this feature

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Certification Criteria

This section outlines which metrics match with which ONC CEHRT Certification criteria and provides justification for these matches.

B2 - Clinical Information Reconciliation and Incorporation

Metrics associated: B2.1, B2.2, B2.3

Time period: This query should be executed each calendar quarter.

Expected outcome: for each quarter, the expected result is to see both the total number of received CCDA documents as well as the success ratios of documents receive increase. In the unlikely event no CCDA files exported in a live environment during the testing period, a sample CCDA document should be imported and incorporated in a sample case.

C1 - Clinical Quality Measures - Record and Export

Associated Metrics: C1.1

Time period: This query should be executed each calendar quarter.

Expected outcome: For each quarter, the expected outcome is that the number of CMS QRDA format files should be proportional to the customer patient volume. This proportion may change in future test plans based on which measures customers choose to implement and how CMS chooses numerator and denominator criteria for those measures. If there were no QRDA files exported in a live environment during the testing period, a sample QRDA document should be generated and validated.

Notes: No Ankhos clients currently utilize this method in a production environment.

F4 – Transmission to Cancer Registries

Associated Metrics: F4.1

Time period: This query should be executed each calendar quarter.

Expected outcome: For each quarter, the expected outcome is that the number of CCDA cancer case files submitted to a state agency should remain proportional to the number of new patient cases which include a cancer diagnosis. The proportion may differ from year to year based on cancer case reporting requirements. If there were no real-world cancer case files exported during the test period, A sample case should be exported and validated.

Notes: No Ankhos clients currently utilize this method in a production environment.

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Key milestones

Milestone: 10/15/2021 Submission to ONC-ACB (SLI)

Milestone: Quarterly beginning 03/31/2022, reports generated for each certification criteria measure

Milestone: 10/15/2022 Submission of updated RWT for testing year 2023 Plan to ONC-ACB (SLI)

Milestone: Consolidated results for testing year 2022 supplied to ONC-ACP (SLI) no later than January 15, 2023

Attestation

This Real World Testing plan is complete with all required elements, including measures that address all certification criteria and care settings. All information in this plan is up to date and fully addresses the health IT developer's Real World Testing requirements.

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Date: 11/30/2021