

Sponsor and Collaborator Content Management System

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1. Background

Cancer Centers have a wealth of knowledge that spans across various individuals and teams within their institute regarding industry partners/sponsors and other collaborators. This knowledge has accumulated over years of dedicated hard work that fosters innovative thinking and industry leading treatments. Many Cancer Centers would benefit from a centralized Content Management System (CMS) where knowledge can be stored, shared and viewed by other key team members. This will create transparency between the parties involved in conducting clinical trials and aid in avoiding contradicting previous practices and inefficiency.

City of Hope Research Operations (COH RO) is creating a CMS that will allow for teams and individuals to provide their experiences in a central location where others in the institute's research community can view and reference.

2. Goals

With a Content Management System, our goals are to be able to:

- Access collaborator information from a central location and is organized in a structured fashion. This will make it easier to view consistent information by various teams conducting the trial in the institution.
- Assess collaborators that will be engaged in any given project and identify/minimize risks prior to engagement. This will help in avoiding poor performing collaborators.
- Predict data quality and performance of our external collaborators. Based on our previous experience and scoring of external sites during our monitoring visits.
- Aid in forecasting project timelines. With information that external sites are able to enroll at the rate of what they are contracted, we can continue to engage with these sites.

3. Solutions and Methods

Our project has identified key milestones:

- Identify key information that has already been collected that can be used to aid in assessing external collaborators. Additionally, identify key information that may not be currently captured in any system and decide the appropriate platform to enter the information.
- Structure the data so that it can provide meaningful reports/outputs that aid in assessing
- Determine an appropriate system/platform that will bring these data points together. We will then begin the build of the CMS, with the help of our Research Data Management and Analysis colleagues.
- Create work instructions so that users are optimizing the system and information is kept consistent.

4. Outcomes

We are looking at our current systems that are already being used and assessing if those systems can be leveraged to house the data. We would like to be able to have the CMS pull data from various systems already in use (RedCap, OnCore, Florence, etc.) into a central location that will allow for teams to run reports or view wide range of data in one system. We are also exploring having the system allow for entry of data that other systems may not be able to capture.

5. Lessons Learned

We have learned that many of the information we would like to use to assess collaborators are currently not housed in any systems. They are in team member's emails or brains. With the roll out of the CMS, this information will be captured and categorized and become available for future reference.

The project completion is targeted for September 2020.