

## CONFIGURATION

CORE supports configuring study and organization data on-the-fly through the HCI Configure-on-Demand (COD) interface.

## INTEGRATION

As HCI implements new research applications, they will be interfaced with CORE for reporting and integration of critical research information. This will reduce data entry errors and increase data reliability.

## COLLABORATION

Researchers can share data securely across studies that have overlapping participants. This is especially useful for Cancer Center-wide protocols like Total Cancer Care (TCC), in which other studies can see whether their participants also have consented to TCC. Studies can choose to share any data collected on their participants.



**CORE**

Comprehensive Oncology Research Environment

[Total Cancer Care](#)
[Subject](#)

**+ Add Subject**

Subject List

Test

16 results

ONE TEST  
ID: S5246340142P

TEST TEST  
ID: S5794643858N

TESTFIRST TESTLAST  
ID: S5157282138F

TEST TEST  
ID: S5180629649A

TERRI TESTA  
ID: S51253646287C

TWO TEST  
ID: S5666238398Q

One Test  
ID: S51047601918L

ONE TEST  
ID: S5673608517E

NICULFONE XYTEST  
ID: S5566990243A

Five Test  
ID: S51210001713S

**ONE TEST**  
MRN: ACIS-001 Participant ID: S5246740152P Subject ID: POF8237

**Subject Information**

Name: ONE TEST (EDW)

Gender: Male (EDW)

BirthDate: 1/1/1965 (EDW)

DeathDate: (PersonResearch)

Address: 1234 500 S 5678 300 E, SLC UT 84108 (EDW)

Phone: 9876543210 (CORE)

Email: sdf@sdf.com (CORE)

Ethnicity: Non-Hispanic (OnCore)

Language: ALB (CORE)

Subject Contact: names.phonenumber1s (CORE)

Race: White (CORE)

**Participant**

**All Aliases**

**Related Samples**

Amount	Amount Units	Collect Date	Identification Nu...	Related Studies	Sample Creation ...	Sample Type_Lon...	Tissue Type
1	Block	2024-04-19	S24-000038261	Total Cancer Care	2024-04-19	FFPE   FFPE Block	Blood
0	g	2019-02-11	19-0003547a	Total Cancer Care	2019-02-11	Solid Tissue   Fro...	Abdomen NOS

**Related Pathology Reports**

Report Date	Tissue Type	Procedure Type	Report Number	Facility Procedure	Click to View Path Report
04/04/2006	Soft Tissue (Non rhabdo)				<a href="#">View Path Report</a>
09/05/2006	Melanoma				<a href="#">View Path Report</a>
01/28/2007	Soft Tissue (Non rhabdo)				<a href="#">View Path Report</a>
04/18/2007	Liver				<a href="#">View Path Report</a>
09/01/2007	Melanoma		DP07-5000	HCH (UT)	<a href="#">View Path Report</a>
05/03/2007	Prostate	Transurethral Prostatic Re...			<a href="#">View Path Report</a>

The Comprehensive Oncology Research Environment (CORE) application, developed by the Huntsman Cancer Institute (HCI) Research Informatics Shared Resource (RISR), is the culmination of years of experience working with oncology data. It is a central hub for tracking everything critical to research in a single controlled data environment, including studies, participants, samples, and consents. CORE also supports making data available securely from various sources including the University of Utah Health Enterprise Data Warehouse (EDW), the HCI Tumor Registry, and the LabVantage sample tracking tool.

New applications that HCI develops or purchases will continue to be integrated into CORE in order to share critical information in a streamlined

fashion, reduce data entry, and improve data quality.

CORE provides access to study data from many perspectives including clinical, research, population, and sample. Data added from one perspective is available immediately to the others, so researchers can quickly explore data from many angles.

CORE security is study-centric. Changing the study context in CORE refreshes the screen to reflect data from the new study. Studies control who can see data, and they decide whether to share data with other studies.

Researchers can create and run reports in iQ (an ad-hoc query generation tool) into a variety of formats.

## REPORTING

Report on any collected data through iQ. CORE organizes research data into the most reportable structure, based on approved models and expertise.

## SECURITY

Keep research data secure and HIPAA compliant. As a study-centric application, CORE gives studies full control over the data they collect.



**CORE** is composed of modules that provide different data types and perspectives. It imports data from multiple sources, including the EDW and the HCI Tumor Registry. The modules that currently exist are as follows:

**Study** – Manages critical data on studies, as well as each study's collaboration, security, access to data sources, and access to other perspectives and modules.

**Subject** – Manages participant records. Participants are entered into CORE once. Each participant may have multiple demographics obtained from different data sources, and studies can designate a primary demographic for their participants. Participant records also include enrollment, withdrawal, status, and other general relationships to studies.

**Consent** – Supports uploading consents directly into CORE or importing them from various data sources. CORE groups consents by participant. Researchers can track multiple consent versions and types.

**Sample** – Sample data, interfaced into CORE from LabVantage, are available for query through iQ. In addition, Research Informatics is developing screens for users to access this data alongside participant data.

## Interfaces

Research Informatics has interfaced CORE with the following applications and databases: LabVantage, OnCore, the HCI Tumor Registry, and the EDW. In the future, CORE will have temporary interfaces with CCR and the Research Subject Registry application until those applications and their functionality are replaced completely with CORE.

## Requirements

- Google Chrome (latest)
- Microsoft Edge (latest)
- Safari (latest)

## Services Available

Training  
Technical Support  
Application Configuration  
Application Development  
Query and Report Generation